

कार्यालय / Office Of the  
Sr.Divl. Personnel Officer  
रॉची / Ranchi

सं. / No.SER/P-RNC/RG/210/CLI (E)/Sel/23

दिनांक / Dated: 06.04.2023

To  
The Divl. Electrical Engineer (OP)  
South Eastern Railway  
Ranchi Division

**अधिसूचना (NOTIFICATION)**

विषय / Sub: Selection to the post of Chief Loco Inspector (Electric Traction Wing ) in Pay Band Rs.9300-34800/-+ GP Rs. 4600/- (Level-7 in 7<sup>th</sup> CPC).

It is proposed to conduct a selection for formation a panel to fill up the 09 (UR-04, Sc-04, ST-01) post of Chief Loco Inspector in Level-7 of Electric Traction wing of Electrical (OP) Department/RNC through promotion.

The break-up vacancies of Chief Loco Inspector in Electric Traction wing is as under:-

| Community        | UR | SC | ST | Total |
|------------------|----|----|----|-------|
| No. of vacancies | 04 | 04 | 01 | 09    |

**2. Eligibility and Service conditions of staff:**

LP (Mail), LP (Passenger) and LP (Goods) who have completed 5 Lakhs Kilometres of actual footplate duties (Actual footplate duties have been defined in Board's letter no. E(P&A)II/2007/RS/14 dated 12.05.2015) as Loco Pilot or have completed 10 Years of actual service as Loco Pilot, whichever is earlier would be eligible for selection through General selection in terms of RBE no. 113/2009. The terms 10 years of actual service as Loco Pilot means 10 years of service as Loco Pilot including duties rendered as CC/PRC/TLC for the period of tenure in accordance with extant guidelines issued by the Board's vide RBE No. 162/2004.

(Authority: Para-3 of RBE No. 108/2019 and RBE No. 80/2021)

The medical de – categorised Loco Pilots upto the Medical standard of A3 and also possessing the driver experience as per Para- "A" above would also be eligible to apply for the selection in terms of instruction of board's letter no. E (P&A)II/2006/RS/21,Dtd.03.01.2007.

The medical standards for selection to the post of CLI should confirm to the existing medical standard of A3.

In terms of RBE No.117/2006 (CPO/GRC's Estt. Srl. No. 153/2006) the cut of date for determining the eligibility of the staff should be the date of issue of notification. As such, volunteering employees should stand fulfil the eligibility criteria and service condition as on the date of notification i.e. 06. 04. 2023.

**3. Procedure of examination**

In terms of Estt. Sl. No RBE 196/2018, 97/2019, SER's Estt. Sl. No. 129/2019 and RBE No. 194/2019, the question paper will be 100% Objective Type. The entire question will be of multiple choices only. The written examination will be conducted on OMR sheet/CBT mode.

To ensure the authenticity of the answers

- Erasing/using liquid fluid is not permitted. Hence in such case question will be treated as attempted wrong and marks will be deducted accordingly.
- Multiple marking of options not permitted. Hence in such case question will be treated as attempted wrong and marks will be deducted accordingly.

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- (c) Stray marking, dots, slashes is not permitted.  
(d) Only Blue Colour ball pen is to be used in examination & OMR Sheet.

Answer having correction/overwriting, Erasing/using liquid fluid, multiple marking of options will be treated as attempted wrong. There will be negative marking @1/3 marks for a wrong answer. No negative marking against non-attempted question. Duration of examination will be 90 minutes.

Question papers shall be prepared in bilingual form i.e. English and Hindi. The candidates will have the option to write their answers either in Hindi or English. The Question for about 10% of total marks allotted for written test should be set on official language policy and rules. The Question on official language policy and the rules may not, however be compulsory. Question papers will contain 110 objective question, out of which only any 100 question to be attempted. If any candidates attempt more than 100 questions, only 100 questions from the first be evaluated. If any discrepancy found in the Question of Hindi version, the only English version question will be valid.

#### **4. Mode of Selection:**

The General selection will be based on written examination along with ARAR's service record and Driving Record. The General selection procedure will be completed by a constituted Departmental Promotion Committee (DPC)

In terms of Estt SI No 132/2009, wherein it is laid down that "The final panel should be drawn up in the order of merit based on aggregate marks of 'Professional ability' and 'Record of service'. However a candidate must secure a minimum of 60% marks in 'Professional ability' and 60% marks in the aggregate, for being placed on the panel. **There will be no classification of candidates as 'Outstanding'.**

This Selection being a Safety category, no relaxation of marks will be allowed in respect of reserved community (SC/ST) candidate. The allotment of marks under various heads for being placed on the panel as per para 219(j) of IREM Vol I is as under:-

| SI No | Factor/Heading       | Maximum Marks | Qualifying marks |
|-------|----------------------|---------------|------------------|
| 1     | Professional ability | 50            | 30               |
| 2     | Record of service    | 30            | -                |
|       | Total                | 80            | 48               |

In terms of CPO/GRC's letter no P/R/14/314/3 dated 27.09.2006, the marks under the heading "Records of service" is distributed as under:-

| SI No | Factor/Heading                                                                                                                       | Maximum Marks |
|-------|--------------------------------------------------------------------------------------------------------------------------------------|---------------|
| 1     | Educational Qualification                                                                                                            | 10            |
| 2     | Entries in Service record<br>(15 marks as per different heads of APARs and 5 marks as per service record) Viz- Award/Punishment etc. | 20            |
|       | Total                                                                                                                                | 30            |

#### **5. Syllabus & Question bank**

The syllabus prescribed for the examination is enclosed as Annexure-II. Updated question bank will be provided to the staff concerned or the same can be downloaded from Official Website: [www.ser.indianrailways.gov.in](http://www.ser.indianrailways.gov.in). Question bank is for guidance only. It is further advised that there will not be any mandatory limit of question from the question bank. The question bank is prepared as per the Syllabus for for general guidance of applicants only. Question bank covered some model questions, but not exhaustive. It is the duty of the Controlling Officer to ensure that the question bank is circulated to all the eligible staff and postponement of selection due to non-circulation of Question bank will be viewed seriously. (RB's Lr No E(NG)1-2006PM 1/34, dated 06.11.2006.)

#### **6 . Date of examination**

The date, venue and time of examination will be intimated separately. **The employee may also note that no supplementary examination will be held under any circumstances.**

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## **7. Pre-selection coaching**

Since 04 vacancies are reserved for SC candidate and 01 vacancy is reserved for ST candidate. Hence, Pre-selection coaching to eligible SC and ST candidates only shall be imparted as per the syllabus for a period of 3 to 4 weeks. After completion of the pre-selection coaching, a certificate has to be issued by the controlling officer to the effect that all the eligible SC and ST candidates have been imparted pre-selection coaching for a period of 3 to 4 weeks covering the syllabus prescribed for the examination. In case, any eligible candidate expressed his/her unwillingness for pre-selection, a written declaration to that effect may be forwarded to this office. (Auth: 88E(SCT)/1/42/2 dated 11.01.1991)

## **8. Notifying to the staff:**

In terms of Railway Board's Letter No. E(NG)I-72/PMI/166 dated. 06.06.1972 the Senior Subordinate/Supervisor concerned has to furnish a certificate that "the eligible candidates were duly notified the holding of the selection/examination and asked to submit their applications giving willingness in writing" and forwarded the same to Sr.DPO/RNC. It should be the personal responsibility of the Senior Subordinate/Supervisor to complete the formality in this respect. It is further advised that any other communication received in respect of the selection should invariably be intimated to all the eligible candidates. In case on non receipt of any communication the same may be obtained from the Personnel department or from the Controlling Officer. Any laxity in this regard will be viewed seriously.

## **9. Pay fixation:**

Pay on promotion as CLI shall be fixed and determined as per Para-5 of RBE No. 108/2019.

## **10. Allowances:**

Allowances of selected CLIs shall be admissible as per Para -6 and Para 6.1 to 6.1.1, 6.1.2, 6.1.3, 6.2 and 6.3 or as amended by the Railway Board from time to time.

## **11. Training**

After selection the CLIs should mandatorily be given training as per Railway Board's letter No.E (MPP) 2009/3/26 dated 13.07.2009 and as amended from time to time.

## **12. Pensionary Benefits:**

Selected CLIs would also continue to be provided with add on pay element of 30 % (or as fixed by the competent authority ) of basic pay for pensionary benefits in terms of para No.5.5 of Board's letter no.E(P&A)II/83/RS/10 dated 25.11.1992 as per Para- 8 of RBE No. 108/2019.

## **13. Last date for submission of Applications:**

The willing and eligible volunteers have to submit their applications in prescribed proforma (enclosed in **Annexure-I**) to their controlling supervisor on or before **25.04.2023** who will forward the application after scrutiny and certify regarding Five Lakhs KMs of actual foot plate duties as Loco Pilots or have completed 10 years of actual service as Loco Pilots whichever is earlier in one bunch to the controlling officer on or before **05.05.2023**. The controlling officer has to forward all the applications in one bunch to Sr.DPO/RNC on or before **12.05.2023** . The applications received after the last date will summarily be rejected without assigning any reason. The candidates should necessarily fill all the relevant columns and strike out the inapplicable columns as "NA".

## **14. Other information**

At any stage of selection if any staff candidature is found to be defective or not as per extant rules, his/her candidature will be cancelled thereof. Thus mere calling or being eligible provisionally for the selection does not confer any right to them for such promotion. The administration also reserved the right to cancel the notification/notified vacancies at its discretion, if any discrepancies are found at any stage and such decision will be final and binding on all.

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Wide publicity may please be given it amongst eligible categories of staff. A copy of this notification may also be displayed on the notice boards in Crew Lobby, Running Rooms, Training Centres etc. If any drivers undergoing training at the training centres, on leave/sick, this notification should be communicated to them.

This is also available in the website : [www.ser.indianrailways.gov.in](http://www.ser.indianrailways.gov.in).

- Encl: i) Application Proforma (Annexure-I)  
ii) Syllabus (Annexure-II)

 06/4/2023

(चित्तरंजन कुमार)

सहायक कार्मिक अधिकारी  
कृते वरिष्ठ मंडल कार्मिक अधिकारी  
द. पू. रेलवे, राँची

Copy to the following for information and necessary action

1. CCC/Muri
2. CCC/Hatia
3. TLC/RNC
4. Ch.OS (Confidential Cell)
5. Divl. Co-ordinator/SERMC/SERMU/RNC
6. DS/AIOBREA/RNC
7. Representative/AISCSTREA/RNC

 06/4/2023

कृते वरिष्ठ मंडल कार्मिक अधिकारी  
द. पू. रेलवे, राँची

Application for Selection to the Post of Chief Loco Inspector (Elect.) in Level-07 of Elect.(OP) Department/RNC Division in reference to Sr DPO/RNC's Notification No. SER/P-RNC/RG/210/CLI (E)/Sel/23 dated: 06.04.2023

|                                                                                           |                        |  |
|-------------------------------------------------------------------------------------------|------------------------|--|
| Name (In Block Letters)                                                                   |                        |  |
| Designation                                                                               | a) Substantive         |  |
|                                                                                           | b) Officiating/Drafted |  |
| Employee No./ PF. No.                                                                     |                        |  |
| Community (SC/ST/UR)                                                                      |                        |  |
| Working unit                                                                              |                        |  |
| P B with GP and Level as per 7 CPC                                                        | a) Substantive         |  |
|                                                                                           | b) Officiating/Drafted |  |
| Date of Birth                                                                             |                        |  |
| Date of Appointment                                                                       |                        |  |
| Date of Promotion in Loco Pilots in GP Rs.4200/-                                          |                        |  |
| Length of Service in Loco Pilots in GP Rs. 4200/- as on 06.04.2023                        |                        |  |
| Period of Working in Drafted Post                                                         |                        |  |
| Actual Kilometre of footplate experience in Loco Pilots as on 06.04.2023                  |                        |  |
| Educational Qualification                                                                 |                        |  |
| Technical Qualification                                                                   |                        |  |
| Details of Railway Week Award (DRM/GM/PHOD level) if any received during last three years |                        |  |
| Details of penalty if any imposed during last three years.                                |                        |  |

**Declaration:** I hereby declare that the particulars furnished are true, complete and correct to the best of my knowledge and belief. In understand that, if at any stage it is found that information furnished is false or incorrect or I do not satisfy/fulfil the eligibility criteria or I do any unfair practice examination/selection, my candidature/appointment on promotion is liable to be cancelled beside disciplinary action as per Rules. I have read the contents of the notification and agree to abide by the Rules, regulations and procedure prescribed for promotion to the post of Chief Loco Inspector in Electric (OP) Department.

Station:

Signature of the applicant

Date:

(For use of Controlling Supervisor of the employee)

Forwarded and Certified that the particulars furnished by the applicants are correct as per available records.

Signature of Controlling Supervisor

Name of the Supervisor

Design./Stn.

Date:

(For use of Controlling Officer of the employee)

Counter Signature of the Controlling Officer  
with Designation and office seal

दक्षिण पूर्व रेलवे  
राँची मंडल

मंडल मुख्यालय कार्यालय  
विद्युत/परिचालन शाखा-राँची  
दिनांक- 03.04.2023

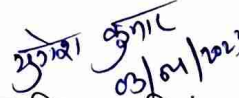
सं०- ई एल/परि०/राँची/स्था./23

सेवा में,  
वरि. मंडल कार्मिक अधिकारी,  
दक्षिण पूर्व रेलवे/राँची।

विषय- मुख्य लोको निरीक्षक के पद पर चयन हेतु सिलेबस एवं मॉडल प्रश्न बैंक (विद्युत) के संबंध में।

संदर्भ- सं. SER/P-RNC/ SELE/CLI(E)/Syllabus/23 dt 06.03.2023.

संदर्भानुसार मुख्य लोको निरीक्षक के पद पर चयन हेतु सिलेबस संलग्न कर एवं मॉडल प्रश्न बैंक (विद्युत) की सॉफ्ट प्रति को आगे की आवश्यक कार्यवाही हेतु अग्रेषित किया जाता है।

  
मंडल विद्युत अभियंता (परि०)  
दक्षिण पूर्व रेलवे /राँची

## SYLLABUS FOR SELECTION OF CHIEF LOCO INSPETOR (Electric & Diesel)

### Section -1

**For Electric Loco:-**An over view of ACTM for Elect.TRS and Elect.OP, Different types of Electric Locomotives, its utilization, hauling capacity and different mode of operation. Electric Locomotives power circuits, Auxiliary power circuit and control circuit, modification in different circuits. TFP, TM, Tap changer, circuit breaker, Auxiliary motors and its function. Different types of relays including safety relays and its setting. Activities in Electric sheds minor and major inspections and its periodicity. Coaching checking, Trip inspection, Turn round checking, power circuit of MEMU. Multiple operation of all types of Locomotives, Different kinds of bogies, dimension of wheels. Function of central pivot and side bearer and other mechanical parts. Measurement of thick flange and root wear. Reasons for wheel skidding. Different types of braking system in Locomotives, its associated equipments and pneumatic circuit diagram, different roof equipment & its function. Rheostatic and Regenerative braking and its merit. Equipments failure and trouble shooting, Knowledge of different makes of SIV and its trouble shooting, Microprocessor based Locomotives, its function and trouble shooting, Different types of DDU and function of its soft key, Knowledge of setup of different make RRC, RTIS. Vigilance control device, its working and action required if VCD is activated on line. RDSO Modification in Locomotives. Failure analysis of locomotives and preventing measures. Working of WAG9/WAP7/WAG12 locomotive. Stabling of MEMU rake, safe to run check, EP, auto deadman handle and parking brake system. Knowledge of 3 phase MEMU, HOG and its benefit.

### Section- 2.

Continuity test before starting the train. Brake feel test, Brake binding on train, its reason and remedy. Function of distributor valve in train air system. Reasons and remedy of stalling on up gradient. Function of sanders. Use of banker service for good train. Different stages and operation of trippings, picking up of abnormal sign and quick trouble shooting. Clearing of block section by quick remedy. Validity of BPC and GDR checks. Train parting on run, its reason and remedy, Over view of TLC control system, co-coordinate with traffic controllers. Train ordering system, Interposing of power on line. An overview of activities at Crew booking lobbies. Method of control of pre-departure detentions, Long hrs. and Turn round. 10 hrs. working rule. Management of crew booking lobby and running room. USE of CMS at crew booking lobby. Sign on sign off Out station PME and CRC/ACRC including safety training. Calculation for requirement of Crew in the division for goods train operation. Factors to be considered at the time of crew review, use of crew working pattern. Preparation of coaching links in coordination with other divisions. Categorization of crew and counseling of crew. Different type of timetables. Punctuality of coaching trains. Master control chart and controlling of goods train during coaching blocks. Maximum permissible speed and booked speed. Vigilant check of ESMON/ speed by data extraction unit. Shunting rules in the yard, reversal of power for coaching trains. Energy conservation measure. Light engine and dead engine movement, Breathanalyser test and its importance, report generation & action required to be taken as per norms. Managerial inputs for weak and 'C' Categories of LPs/ALPs. Safety seminars, technical seminars and Quiz competitions for up gradation of crew knowledge as well as moral up gradation.

### Section -3(SWR)

An over view of GR and SR manual, Operating manual and accident manual. USE of Fire extinguishers and detonators. Abnormal working and authorities required in Absolute and automatic block section. Knowledge of signals and points. Different kinds of signals and its use, Issue of DCO and emergency caution orders. Exchanging of signal between driver, guard and train passing staff. Protection of material trains when stabled. Different class of station and its working. Knowledge of station working rule. Conditions for granting line clear. Different types of train working system and protection of train in the mid section. Rules for passing defective/danger signals. Working of trains

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DM. Electric (OP)  
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controlled from end/ cabins and central panel stations. Functions of SSI, Data logger and RRI's, knowledge of FOIS, COIS & CMS as a data and information management.

Operation of train in foggy and stormy weather, use of flasher light in emergency condition. Authority to proceed and authority to enter in block section. Maintenance of train signal register, pilot in / pilot out at the time of defective signal. Meaning of granting/ obtaining line clear. Shunting of light engines in the station yard, procedure for passing IBH, semi automatic stop signal and gate stop signal in 'ON' position. Knowledge of block system and inter locking, use of calling on signals.

#### Section-4

Ordering and dispatching of ARME/SPRMV/ARTE. Mock drill test. Use of Hooters, Classification of accidents Fire on train/ engine. Failures of engines accident enquiries. Movement of tower wagon at accident site. Derailments in yard and main line, investigation of derailments. Preparation of prima-facie report. Joint measurement required after derailment involving track parameter, rolling stock and locomotive measurements. Failure of track and points and track geometry. Bursting of points in the yard. Rules for non signaling movement in the yard. Immediate steps to be taken by crew members when fire in locomotives/ train. Tendering of fire brigades. Knowledge of updated safety circulars and safety instructions, issued by HQ/RB An over view of OHE equipments, OHE failures and quick restoration. Joint fact findings for panto entanglement in the section/ yard. Knowledge of safety organization in Rlys. Safety counselors, safety officers in the division and HQ/RB level. Policy of drunkenness.

#### Section-5

- a) Fundamental of Electrical/ Mechanical Engineering. Resistance, Inductance and Capacitance. Series and parallel connection. Ohms law, simple calculations, Mathematical calculation on tractive efforts & Adhesion. Acceleration/ deceleration and its simple calculations. Working of AC / DC motors, transformers, Generators and its failures/ remedial measures,
- b) Different types of passes issued to the Rly. Employees. Entitlement & card pass for the emergency staff. Types of leave applicable to the Rly. Employee, Grant of Advance, Allowances, particularly to the running staff, HOER D&A rule, leave rules. Procedure for imposition of minor and major charge sheet. Enquiries and its procedure in D&A cases. Norm for punishment, hampering the safety rules. Suspension and remuneration on suspension period and revocation.
- c) Inventory control system in store management, Preparation of indents, procurement of stock and non stock items, PAC, SOPs for contract and store management. Local purchase and SPC. Procedure of condemnation of materials and further procurement.
- d) Role of CLI/LI in Electrical (OP) department, method of crew gradation and counseling of crew, Driving technique and energy conservation measure foot Plate Inspection and Inspection of Stations, cabins, Level crossing gate, maintenance point, crew booking lobby and running rooms. Coordination of LIs Loco Sectional gradient, Ghat section and LR's. Technique of negotiations of gradient and curves, wheel slipping and remedial measures, Load Trial, EBD Trial, Loco '&' Crew Link, Crew review, Power plan, 10 hrs rule, categorization of LP, control & lobby management, Knowledge of Disaster Management. Railway boards circulars (Technical & Safety) related to train operations. Basic parameters of Loco, Track, OHE & different wagons/coaches.
- e) Enquiry proceeding analysis & joint finding. Collision, Panto entanglement, stalling, derailments rolled down, CRO, Recording of parameters, joint finding & signal sighting committee.
- f) Rajbhasa and its use in Railway working system, knowledge of Hindi and English and its applications in day to day working. General knowledge , current affairs and simple mathematical calculations.

03/04/2023  
Divl. Elect. Engineer (OP)  
दो पूर रेलवे, राँची  
Railway, Ranchi

**Question bank for the post of Chief Loco Inspector/Ranchi Division  
for Issued notification Sr.DPO Letter no SER/P-RNC/CLI(E)/  
Syllabus/23 dated 06-03-2023.**

| SL.No. | List of Subjects                 | No of Questions |
|--------|----------------------------------|-----------------|
| 1.     | TRACTION ROLING STOCK-OPERATION  | 418             |
| 2.     | G&SR AND SAFETY RULES            | 299             |
| 3.     | OFFICIAL LANGUAGE AND POLICY     | 87              |
| 4.     | QUESTION ON CMS                  | 50              |
| 5.     | ESTABLISHMENT & PERSONAL MATTERS | 28              |
| 6.     | RS(D&A) RULES, 1968              | 10              |
| 7.     | STORES & TENDERS                 | 19              |
| 8.     | CONTRACTS & WORKS                | 20              |
|        | <b>TOTAL</b>                     | <b>931</b>      |

**NOTE:**

1. This question bank is for guidance only.
2. The question bank is prepared as per the syllabus and for general guidance of applicants only. These are some model questions, but not exhaustive.

## TRACTION ROLLING STOCK - OPERATIONS

### Technical Objective Bit bank

- 1 In 3Ø loco, to isolate panto No. 2 keep panto selector switch in ..... position and close..... coc. ( C )  
A Auto , PAN-1 & 2 B II , PAN-1  
**C I , PAN-2** D I or II , PAN-1 or 2
- 2 In 3Ø dead loco, ..... coc should be open for charging BP pressure into auxiliary reservoir. ( B )  
A 70 B **47**  
C 74 D 136
- 3 While 3Ø loco working as banker, put on ..... switch and close 70 cut out cock. ( B )  
A ZTEL B **ZBAN**  
C BLHO D None of the above
- 4 For resetting VCD in WAG 9 or WAP 7 loco, wait for .....seconds. ( D )  
A 120 B 100  
C 240 D **160**
- 5 In 3Ø loco, SS-17 belongs to ..... sub system. ( C )  
A Fire detection B Memotel  
**C Processor FLG-1** D Processor FLG-2
- 6 To perform shunting with 3Ø loco, keep ..... switch in ..... position. ( C )  
A 154 ; 0 B 154 ; 1  
**C 160 ; 0** D 160 ; 1
- 7 While working with WAP-7 or WAG-9 with light load, if Harmonic filter is isolated, work with normal speed after isolating ..... ( D )  
A Auxiliary converter-1 B Traction converter-1 & 2  
C Auxiliary converter-2 D **Traction converter-1**
- 8 In 3Ø loco, Battery charger is getting supply from ..... ( C )  
A Auxiliary converter No. 1 B Auxiliary converter No. 2  
**C Auxiliary converter No. 3** D Traction converter No. 1
- 9 While energizing 3Ø loco, if UBA meter is showing "0" and corridor lights also not glowing check, MCBs No. .... ( C )  
A 100,110 B 110,112  
**C 112, 112.1** D 100,112.1
- 10 In 3Ø loco, for charging of BP pressure ..... coc to be kept open. ( B )  
A A-8 B **70**  
C 74 D 47
- 11 In 3Ø loco, if battery voltage drops below ..... volts, loco will shut down. ( A )  
**A 82** B 87  
C 90 D 92
- 12 In 3Ø loco, Battery charger output MCB No. is ..... and its location is at..... ( B )  
A 110 ; SB1 B **110 ; SB2**  
C 100 ; HB1 D 100 ; HB2

- 13 In 3Ø loco, VCD is required to be acknowledged from ..... kmph of speed. ( C )  
 A 5 B 1  
**C 1.5** D 15
- 14 During loco brake testing of WAG-9 or WAP-7, loco should not to move up to ..... KN. ( B )  
 A 100 B **150**  
 C 300 D 125
- 15 In 3Ø loco, continuous pressing of PSA for more than 60 seconds is called as .....mode. ( B )  
 A VCD isolation B **Dead man**  
 C VCD acknowledgement D None of the above
- 16 In 3Ø loco, Constant speed control (CSC) can be activated above ..... kmph of speed. ( A )  
**A 5** B 1  
 C 1.5 D 15
- 17 In 3Ø loco, Auxiliary converter No.2 feeds .....motors ( D )  
 A Traction motor blower-1 & 2 B Transformer oil pump-1 & 2  
 C SR Oil pump-1 & 2 D **all of the above**
- 18 While clearing 3Ø loco (provided with Knorr brake) as dead, mode switch position in both cabs is ..... ( D )  
 A HLPR B Lead  
 C Test D **Trail**
- 19 In 3Ø loco, Constant speed control (CSC) will be de-activated automatically if BP pressure drops (with or without A9) more than ..... Kg/cm<sup>2</sup> . ( C )  
 A 1 B 1.5  
**C 0.25** D 0.6
- 20 In 3Ø loco, SS-10 belongs to ..... sub system ( B )  
 A Battery B **Brake system**  
 C Auxiliaries HB1 D Auxiliary converter No. 3
- 21 In 3Ø loco, location of TM Blower-1 is ..... ( B )  
 A Machine room No.1( near cab-2) B **Machine room No.2( near cab-1)**  
 C Under machine room No.1 D Under machine room No.2
- 22 In 3Ø loco, if vigilance penalty brakes are applied BP pressure drops to ..... kg/cm<sup>2</sup>. (Gauge reading) ( B )  
 A 2 B **2.5 to 3.0**  
 C 2.5 to 3.5 D 0
- 23 When ZTEL is switched ON Tractive Effort( TE) is limited to ..... KN in WAG-9. ( B )  
 A 0.8 to 1.5 B **300**  
 C 150 D 458
- 24 Maximum permissible speed of WAG-9 loco is ..... Kmph. ( A )  
**A 100** B 130  
 C 140 D 160
- 25 In 3Ø loco, on moving BL key from 'D' to 'OFF' position, ..... brakes will apply automatically. ( C )  
 A Direct brakes B Auto brakes  
**C Parking brakes** D All brakes

- 26 In 3Ø loco, parking brakes are applied and released through ..... switch in Panel 'A'. ( C )  
 A Solenoid valve B BPCS  
**C BPPB** D None of the above
- 27 In 3Ø loco, SS-14 belongs to ..... sub system. ( B )  
 A Cab 1 **B Cab 2**  
 C Fire detection D Auxiliaries in HB 2
- 28 In 3Ø loco, If ZBAN is switched ON in working cab, ..... Happens. ( A )  
**A BP pressure drops to '0'** B FP pressure drops to '0'  
 C BC pressure raises to 3.5 kg/cm<sup>2</sup> D None of the above
- 29 Hotel load facility is available in ..... loco(s). ( C )  
 A WAP-5 B WAP-7  
**C All WAP-5 and modified WAP-7** D All three phase locos
- 30 3Ø loco is having ..... number of auxiliary Converter (s). ( C )  
 A 1 B 2  
**C 3** D 4
- 31 In 3Ø loco, SS-18 belongs to ..... sub system. ( D )  
 A Fire detection B Memotel  
 C Processor FLG-1 **D Processor FLG-2**
- 32 In 3Ø loco, to close the DJ, ensure ..... node information on screen (in driving ..... mode). ( B )  
 A FLG-504 **B FLG-550**  
 C FLG-570 D FLG-590
- 33 Total oil /coolant points in WAG 9 or WAP 7 locos are ..... ( C )  
 A 7 B 6  
**C 13** D 8
- 34 To apply parking brakes in 3Ø dead loco, press. .... side plunger of solenoid valve. ( A )  
**A Left** B Right  
 C Any plunger D None of the above
- 35 In 3Ø loco is having ..... no. of three phase auxiliary motors. ( C )  
 A 16 B 22  
**C 12** D 13
- 36 In 3Ø loco, UBA meter needle deviates when BL key is in ..... mode(s) of BL key. ( C )  
 A Driving B Cooling  
**C Driving or Cooling** D None of the above
- 37 If speed of the train is increased more than ..... than loco MPS, emergency brake will apply in 3Ø loco. ( C )  
 A 0.5% B 5%  
**C 10%** D 50%
- 38 In 3Ø loco, battery charger input MCB No. is ..... and located in ..... ( B )  
 A 100 , HB-1/BUR2 **B 100 , HB-2/BUR2**  
 C 112.1 ,SB-2/SR2 D 112 , SB-1/SR1

- 39 In 3Ø loco, if speed is more than ..... % than loco MPS, only audio visual indications will appear. ( B )  
 A 0.50 B 5  
 C 15 D 50
- 40 Parking brake is provided to .....wheels in WAG-9 loco. ( B )  
 A 1, 4, 5 & 8 B 2, 6, 7 & 11  
 C 2 & 11 D 1, 6, 7 & 12
- 41 Over current relay in 3Ø loco is ..... ( C )  
 A OCR-86 B MVR-86  
 C **OCR-78** D None of the above
- 42 In ..... gradient area and terminal goods yards Constant speed control (CSC) of 3Ø loco should not be used. ( C )  
 A Up B Down  
 C **Undulating** D Steep down
- 43 In WAG-7 or WAP-4, ..... output is given to all TMs fields during RB. ( B )  
 A RSI-1 B **RSI-2**  
 C Both RSI-1 & RSI-2 D None of the above
- 44 While working 3Ø loco as banker, close ..... cocs in pneumatic panel. ( A )  
 A **70& 136** B 70&74  
 C 74&136 D All the above
- 45 In 3Ø loco, to reset the Fire detection unit (FDU) press the .....button. ( B )  
 A BPFA B **Press Reset button on FDU**  
 C ESPB D BPVR
- 46 In 3Ø loco,.....auxiliary motors works only in cooling mode. ( C )  
 A All three Ø and single Ø motors B All single Ø motors and MCP 1 & 2  
 C **Only single Ø motors & MCPA** D None of the above
- 47 In 3Ø loco, if 'Catenary voltage out of limit' appears on screen, change ..... fuse after lowering panto and try. ( D )  
 A FL B CCBA  
 C No need to Change D **Potential Transformer**
- 48 In 3Ø loco, SS-09 belongs to ..... sub system. ( A )  
 A **Battery sytem** B Brake system  
 C Auxiliaries HB-1 D Auxiliary converter No.3
- 49 In 3Ø knorr brake loco, rear cab mode switch position is---- ( C )  
 A HLPR B Lead  
 C **Trail** D Test
- 50 To reset VCD in WAP-5 loco, wait for .....seconds. ( D )  
 A 0 B 160  
 C 240 D **120**

- 51 In 3Ø loco cab changing is to be done with in ..... minutes otherwise CE will switch OFF. ( A )  
**A 10** B 0  
C 15 D 20
- 52 In 3Ø locos, in cooling mode, for panto and DJ ..... motor creates pressure. ( B )  
A MCPs **B MCPA**  
C Both A and B D None of the above
- 53 In 3 Ø loco potential transformer is connected to .....roof bar. ( A )  
**A Middle** B Panto-1  
C Panto-2 D None of the above
- 54 The position of mode switch in leading cab of 3Ø loco provided with Knorr brake is ..... ( B )  
A HLPR **B Lead**  
C Trail D Test
- 55 In 3Ø loco, normal position of 152 switch is ..... ( A )  
**A '0'** B '1'  
C 'NORM' D None of the above
- 56 In 3Ø loco, SS-16 belongs to ..... sub system. ( C )  
A Cab-2 B Fire detection  
**C Memotel (Speedometer)** D Processor FLG-1
- 57 In 3Ø loco, SS-04 belongs to ..... sub system. ( D )  
A Traction bogie-1 B Traction bogie-2  
C Main power **D Harmonic filter**
- 58 In 3Ø loco, SS-08 belongs to .....sub system. ( C )  
A Auxiliary converter No.1 B Auxiliary converter No.2  
**C Auxiliary converter No.3** D Battery
- 59 In 3Ø loco provided with Knorr brake, Auto brake valve (A9) handle can be locked or unlocked in ..... position . ( C )  
A Emergency B Neutral  
**C Full service** D Minimum reduction
- 60 3Ø loco is having ..... number of roof bars. ( B )  
A 2 **B 3**  
C 4 D 3+3
- 61 3Ø loco having ..... number of additional cocs (total coc on both sides). ( B )  
A 4 **B 4 + 4**  
C 16 D 2
- 62 In 3Ø loco, SS-05 belongs to ..... sub system. ( B )  
A Harmonic filter **B Hotel load**  
C Brake system D Fire detection
- 63 WAG-9 loco is provided with ..... No. of direct brake cylinders and ..... No. of parking brake cylinders. ( A )  
**A 12 & 4** B 12 & 12  
C 4 & 12 D 12 & 6
- 64 3Ø loco is fitted with ..... type of traction motors. ( A )  
**A 3 Ø AC Asynchronous squirrel cage induction motor** B TAO 659  
C Hitachi D Hitachi or TAO 659

- 65 In 3Ø loco, position of control Electronics (CE) during cab changing is ..... ( C )  
 A OFF B ON  
**C Self hold mode** D None of the above
- 66 In 3Ø loco, location of BPFL switch is ..... ( D )  
 A FLCU B In both cabs Panel A  
 C In both cabs Panel B **D In both cabs Panel C**
- 67 To move 3 Ø loco as live or dead ensure .....&  
 ..... brakes are released. ( C )  
 A Parking brakes, proportional B Direct brakes, proportional  
**C Parking , Direct brakes** D None of the above
- 68 In 3Ø loco, if throttle (ATDC) is failed, keep ..... switch in ..... position. ( B )  
 A 154 , 0 **B 152 , 1**  
 C 152 , 0 D 160 , 1
- 69 In 3Ø loco, when parking brakes are applied, parking brake gauge shows ..... ( A )  
**A 0 Kg/cm<sup>2</sup>** B 4 Kg/cm<sup>2</sup>  
 C 3.5 Kg/cm<sup>2</sup> D 6 Kg/cm<sup>2</sup>
- 70 In 3Ø loco, SS-15 belongs to .....sub system. ( B )  
 A Cab-2 **B Fire detection**  
 C Memotel (Speedometer) D Processor FLG-1
- 71 In 3Ø loco, to isolate panto No.1 keep panto selector switch in ..... Position. ( C )  
 A Auto B I  
**C II** D I & II
- 72 Location of Emergency stop push button switch in 3Ø loco is ..... ( A )  
 A **In both cabs Panel A** B In both cabs Panel B  
 C In both cabs Panel C D In both cabs Panel D
- 73 WAG-9 or WAP-7 locos are having ..... number of  
 dampers (in both primary and secondary suspension). ( B )  
 A 16 **B 20**  
 C 40 D 10
- 74 Location of MCP-2 in 3Ø loco is ..... ( B )  
 A Loco left side below **B Loco right side below**  
 Machine room No.1 **Machine room No.2**  
 C Machine room No.1 D Machine room No.2
- 75 In 3Ø loco, glowing of BPFA and flickering of LSFI indicates .....fault. ( B )  
 A Isolation of sub system **B Priority-1**  
 C Priority-2 D Both Priority-1 & 2 faults at  
 a time
- 76 In 3Ø locos, VCD is required to acknowledge once in every ..... ( B )  
 seconds.  
 A 8 **B 60**  
 C 68 D 160 in WAG-9 or WAP-7 &  
 120 in WAP-5
- 77 In 3Ø loco, on run glowing of BPFA alone indicates ..... fault. ( C )  
 A Priority-1 B One of the sub system is  
 isolated  
**C Priority-2** D Priority-1 fault or Priority-2  
 fault

- 78 Location of Harmonic filter resistances in 3Ø loco is ..... ( A )  
 A Loco roof B Inside FB  
 C Machine room No-2 D By the side of pneumatic panel
- 79 In 3Ø loco, to bring isolated sub system into service (system isolated sub system), procedure is ..... ( A )  
 A Switch OFF and switch ON CE B Reset concerned MCB  
 C Close concerned COC D Operate concerned rotating switch
- 80 In 3Ø loco, Status code '00' means----- ( D )  
 A Major fault in loco B No sub system isolated  
 C Minor fault in loco D No fault and No sub system isolated
- 81 In 3Ø loco, Auxiliary converter No.3 feeds ..... Motors. ( D )  
 A TMB 1&2 B MCP-1 & 2  
 C OCB 1&2 D TFP PUMP 1&2
- 82 In 3Ø loco, In case of emergency, ALP can stop the train by operating ..... ( D )  
 A Emergency stop switch B Emergency brake valve  
 C BPVG D Emergency stop switch or Emergency brake valve
- 83 In 3Ø loco, Constant speed control (CSC) will be de-activated automatically if throttle is disturbed above ..... % in TE side or BE side. ( C )  
 A 33% B 66%  
 C 3% D No such limit, on moving Throttle
- 84 WAG-9 loco is having .....type of bogie. ( C )  
 A Bo-Bo flexi coil B Co-Co Tri mount  
 C Co-Co flexi coil D Co-Co tetra mount high adhesion
- 85 3Ø loco having ... number of single phase 415V auxiliary motors. ( B )  
 A 12 B 4  
 C 8 D 13
- 86 In 3Ø loco, Machine room blowers & their scavenging blowers works in..... Mode(s). ( D )  
 A Driving mode only B Cooling mode only  
 C Off D Driving mode & Cooling mode
- 87 In WAG-9 or WAP-7, location of air dryer is ..... ( C )  
 A Behind MCP-1 in left side B Between two trucks  
 C Behind cattle guard-1 loco pilot side D Behind cattle guard-1 in ALP side
- 88 In 3Ø loco, SS-06 belongs to ..... sub system. ( A )  
 A Auxiliary converter No. 1 B Auxiliary converter No. 2  
 C Auxiliary converter No. 3 D Traction converter No. 1

- 89 In 3Ø loco, Continuous glowing of LSFI indicates----- ( B )  
 A Priority-1 fault B **At least one sub system is isolated**  
 C Priority-2 fault D Priority-1 fault or Priority-2 fault
- 90 In 3Ø loco, location of MCP-1 is ..... ( D )  
 A In machine room No.1 B In machine room No.2  
 C Below machine room No.2 D **Below machine room No.1**
- 91 In 3Ø loco, 3Ø scavenging blower collects dust from air filters of ..... & ..... . ( D )  
 A Oil cooling blowers-1&2 B Bogie blowers-1&2  
 C Machine room blowers-1&2 D **Oil cooling blower & Bogie blower**
- 92 In 3Ø loco, to operate reverser ensure ..... node information on screen and MR pressure should be more than 6.4 kg/cm<sup>2</sup>. ( C )  
 A FLG-504 B FLG-550  
 C **FLG-570** D FLG-590
- 93 In 3Ø loco, when harmonic filter is isolated, speed of the train is restricted to ..... ( B )  
 A 60 Kmph. B **40 Kmph.**  
 C 25 Kmph. D No such restriction
- 94 In 3Ø loco, location of Fire detection unit (FDU) is ..... ( B )  
 A SB-1 B **SB-2**  
 C HB-2  
 D Panel
- 95 In proportional working, maximum brake cylinder pressure in WAG-9 loco is .....kg/cm<sup>2</sup> ( B )  
 A 1.8 kg/cm<sup>2</sup> B **2.5 kg/cm<sup>2</sup>**  
 C 3.5 kg/cm<sup>2</sup> D 5 kg/cm<sup>2</sup>
- 96 3Ø loco is having ..... No. of 3 phase auxiliary motors in loco under frame. ( B )  
 A 2 B **4**  
 C 12 D 8
- 97 If RS pressure is below 5.2 Kg/cm<sup>2</sup> and MCPs are not working, MCPA starts automatically provided BL key is in ..... position. ( C )  
 A "C" B "D"  
 C **"C" or "D"** D None of the above
- 98 In 3Ø loco before operating throttle, ensure ..... node information on screen. ( D )  
 A FLG-504 B FLG-550  
 C FLG-570 D **FLG-590**
- 99 In 3Ø loco, SS-03 belongs to .....sub system. ( B )  
 A Traction bogie-1 B **Traction bogie-2**  
 C Main power D Harmonic filter
- 100 In 3Ø loco, Oil cooling blower cools ...&.....Oils/ water coolant. ( C )  
 A SR-1 , SR-2 B TFP-1 , TFP-2  
 C **TFP & SR** D Traction motors

- 101 In 3Ø loco, to isolate truck No.1 (traction converter-1), keep ..... switch in ..... position. ( A )  
**A 154 , I position** B 154 , II position  
C 154 , Auto position D 154 , I & II position
- 102 In 3Ø loco, if battery voltage drops to ..... volts for 30 seconds, P-2 message appears. ( A )  
**A 92 Volts** B 82 Volts  
C 90 Volts D 85 Volts
- 103 In 3Ø loco, for application of parking brakes speed should be below..... ( A )  
**A 5 Kmph** B 15 Kmph  
C 1.5 Kmph D Zero Kmph
- 104 In WAG-5, ..... out put is given to all TMs fields during RB. ( A )  
**A RSI-1** B RSI-2  
C Both RSI-1 & RSI-2 D None of the above
- 105 Location of line contactors L-1, L-2 & L-3 in WAG-7 (above 27200) & in WAP4 locos is at ..... ( A )  
**A HT-1 BA-1 panel** B HT-3 BA-2 panel  
C HT-3 BA-3 panel D HT-3 BA-4 panel
- 106 Location of line contactors L-4, L-5 & L-6 in WAG-7 (above 27200) & in WAP4 locos is at ..... ( C )  
A HT-1 BA-1 panel B HT-3 BA-2 panel  
**C HT-3 BA-3 panel** D HT-3 BA-4 panel
- 107 Location of C-118 in WAM-4 loco is at..... ( C )  
A Motor chest no.2 towards carridor-1 B Motor chest no.2 towards carridor-2  
**C HT-3 BA-3 panel** D HT-3 BA-2 Panel
- 108 Location of R-1 coc in WAG-5 loco is at ..... ( C )  
A Cab-1 center locker B Near control reservoir  
**C Above wheel no.4** D Cab-1 left side locker
- 109 Location of R-1 coc in WAG-7 loco is ..... ( B )  
A Cab-1 center locker **B Near control reservoir**  
C Above wheel no.4 D Cab-1 left side locker
- 110 Location of C2A relay valve in WAG-5,WAM4 & WAG7 (up to 27199) is at ..... ( A )  
**A Behind BA box no.3** B Behind BA box no.2  
C Behind BA box no.1 D Behind BA box no.4
- 111 Location of C2A relay valve in WAG-7 loco 27200 onwards & WAP-4 crew friendly cab locos is at ..... ( B )  
A Behind BA box no.3 **B Pneumatic panel**  
C Behind BA box no.1 D Behind BA box no.4
- 112 Location of C2B relay valve in WAG-5,WAM4 & WAG7 (up to 27199) is at ..... ( B )  
A In between MR-1 & MR-2 **B In between MR-3 & MR-4**  
C In between MR-2 & MR-3 D Pneumatic panel
- 113 Location of C2B relay valve in WAG-7 (27200 onwards) & WAP4 crew friendly cab locos is at ..... ( D )  
A In between MR-1 & MR-2 B In between MR-3 & MR-4

- C In between MR-2 & MR-3      **D Pneumatic panel**
- 114 Location of MVSL-1 in WAG-5, WAM4 & WAG7 (up to 27199) is at ..... ( A )  
**A HT-2 compartment towards corridor-2**      B HT-2 compartment towards corridor-1  
C HT-1 compartment towards corridor-2      D HT-1 compartment towards corridor-1
- 115 Location of MVSL-2 in WAG-5, WAM4 & WAG7 (up to 27199) is at ..... ( B )  
A HT-2 compartment towards corridor-2      **B HT-2 compartment towards corridor-1**  
C HT-1 compartment towards corridor-2      D HT-1 compartment towards corridor-1
- 116 Location of EP-3 coc in WAG-7(27200 onwards) & WAP-4 locos is at ..... ( A )  
**A Near BA-4 panel**      B Near BA-3 panel  
C Near BA-2 panel      D Near BA-1 panel
- 117 Location of MVSL-1 in WAG-7 loco 27200 onwards is at ..... ( A )  
**A HT-1 compartment**      B HT-2 compartment  
C HT-3 compartment      D None of the above
- 118 Location of MVSL-2 in WAG-7 loco 27200 onwards is at ..... ( B )  
A HT-1 compartment      **B HT-2 compartment**  
C HT-3 compartment      D None of the above
- 119 In conventional locos, .....reservoir pressure is used for horns ( D )  
A MR1      B MR2  
C MR3      **D MR4**
- 120 In modified locos, when additional BP cut out cock is closed in leading side, ..... cab BP gauge shows '0' reading. ( A )  
**A Trailing**      B Leading  
C In both cabs      D None of the above
- 121 In conventional locos, .....reservoir pressure is used for creation of loco BC pressure. ( D )  
A MR1      B MR2  
C MR3      **D MR4**
- 122 In each cab A9 feed valve is having .....No. of cut out cocks ( B )  
A 1      **B 2**  
C 3      D 4
- 123 QD-2 is connected between.....and..... traction motors. ( C )  
A TM4 & TM6      B TM5 & TM6  
**C TM4 & TM5**      D None of the above
- 124 In conventional locos, A8 coc Position while working with cab-2 leading is..... ( C )  
A Partially open      B partially closed  
**C Open**      D Close
- 125 Location of line contactors in WAG-5,WAM-4 & WAG-7(up to 27199) locos is at ..... ( C )  
A HT-1 BA-1 panel      B HT-3 BA-2 panel  
**C HT-3 BA-3 panel**      D HT-3 BA-4 panel
- 126 Total number of loco brake cylinders in WAP-4 loco is..... ( D )  
A 6      B 8

- C 4 D 12
- 127 Normal pressure of SMGR is..... Kg /cm<sup>2</sup>. ( A )  
 A 2.5 - 3.5 B 3.0 - 2.0  
 C 3.5 - 4.5 D 5.0 - 3.0
- 128 Location of A-8 COC in WAG-7 loco above 27200 is ..... ( B )  
 A In cab-1 below A-9 B Pneumatic panel  
 C In cab-2 below A-9 D None of the above
- 129 If all line contactors are not closed in WAG 5 loco, ensure.....COC is in open position. ( A )  
 A EP 2 COC B EP 1 COC  
 C MR 4 COC D VEAD COC
- 130 Location of A-8 COC in WAP-4 crew friendly locos----- ( B )  
 A In cab-1 below A-9 B Pneumatic panel  
 C In cab-2 below A-9 D None of the above
- 131 Brake pipe pressure should be .....Kg/ cm<sup>2</sup> in locomotive and ..... Kg/ cm<sup>2</sup> in brake van of train having 58 vehicles. ( C )  
 A 5.0, 4.8 B 5.0, 4.9  
 C 5.0, 4.7 D 5.0, 5.0
- 132 Minimum FP pressure Should be ..... .. Kg/ cm<sup>2</sup> in locomotive and ..... Kg/cm<sup>2</sup> in rear SLR of a 24 vehicles coaching. ( A )  
 A 6.0, 5.8 B 6.0, 5.9  
 C 6.0, 5.7 D 6.0, 5.6
- 133 In WAG 7 loco, If all line contactors are not closed, ensure.....cocs are in open position. ( D )  
 A EP 2 & EP3 B EP 1 & EP3  
 C MR 4 & EP3 D EP 1 and EP 2
- 134 In conventional locos, CP Individual safety valve setting is .....kg/ cm<sup>2</sup>. ( C )  
 A 8 B 11.5  
 C 11 D 9.5
- 135 When BP drops below 4.4 (in BP gauge) without A9.....starts functioning. ( C )  
 A ACP Indication B AFL  
 C Both A & B D none of the above
- 136 In conventional locos, if ALP is driving from trailing cab and loco pilot is controlling from leading cab, do not exceed ..... Kmph of speed. ( A )  
 A 40 B 15  
 C 30 D No Speed Restriction
- 137 In conventional locos RGEB2 is connected on ..... Pipe line. ( B )  
 A FP pipe B Brake Pipe  
 C Control pipe D All the above
- 138 QD-1 is connected between.... and ..... traction motors. ( A )  
 A TM2 & TM3 B TM1 & TM3  
 C TM1 & TM2 D None of the above
- 139 In conventional locos auto Drain Valve will drain out the moisture at ..... Kg/cm<sup>2</sup> (when BLCP is closed). ( B )  
 A 8 B 9.5

- C 10.5 D 11
- 140 Location of C-145 in WAG-7(27200 onwards) & in WAP4(with RB) is at ..... ( D )  
 A HT-1 BA-1 panel B HT-3 BA-2 panel  
 C HT-3 BA-3 panel D **HT-3 BA-4 panel**
- 141 For lowering or for raising the pantograph in three stages ..... valve is provided. ( B )  
 A Panto servo motor B **Throttle valve**  
 C Both A & B D None of the above
- 142 In conventional locos, if ALP is in leading cab and Loco pilot is controlling from trailing cab, do not exceed .....Kmph of speed. ( B )  
 A 40 B **15**  
 C 30 D No Speed Restriction
- 143 In conventional locos during RB, if loco brake cylinder pressure is above 1.0 kg/cm<sup>2</sup> ,.....relay will de-energise to bring GR to '0'. ( D )  
 A Q 51 B QVRF  
 C QE D **Q 50**
- 144 Location of VEPT-1 in crew friendly locos is ..... ( D )  
 A Loco roof B Cab-1 left side locker  
 C Cab-1 center locker D **Cab-1 back panel**
- 145 The clearance between brake block and wheel tyre should be ..... mm in release position of loco brakes. ( A )  
 A **10** B 5  
 C 15 D 20
- 146 The..... reservoir pressure is used for BA2 and BA3 panels in WAG5 loco. ( A )  
 A **control reservoir** B MR1  
 C MR2 D MR4
- 147 In conventional locos duplex check valve is set at .....kg/ cm<sup>2</sup>. ( B )  
 A 5 B **4.9**  
 C 6.5 D 8
- 148 In conventional locos,.....reservoir pressure is used for FP pressure creation. ( B )  
 A MR1 B **MR2**  
 C MR3 D MR4
- 149 When BPSW is pressed, ..... valve energizes for quick recreation of BP pressure. ( A )  
 A **MV4** B R6  
 C VEF electrical D IP
- 150 The normal position of air intake COC is ..... ( A )  
 A **Close** B Open  
 C Partially Open D Partially Close
- 151 In conventional locos, SS2 safety valve is set at ..... kg/cm<sup>2</sup>. ( C )  
 A 10 B 11  
 C **10.5** D 11.
- 152 Location of HQOP-1 in WAG-7 loco 27200 onwards is ..... ( A )  
 A **HT-1 BA-1 panel** B HT-3 BA-3 panel  
 C HT-3 BA-2 panel D Switch panel
- 153 In conventional locos proportional working pressure with A9 is .....kg/ cm<sup>2</sup>. ( C )  
 A 2 B 2.5

- C 1.8** **D 3.5**
- 154 Normally .....colour cocs to be kept open and.....colour coc to be kept closed of air dryer. ( B )  
 A Red , Green **B Green , Red**  
 C Red, Red D Green , Green
- 155 In conventional locos, Air Dryer is connected between ..... &..... reservoirs. ( B )  
 A MR1 , MR2 **B MR2 , MR3**  
 C MR3 , MR4 D None of the above
- 156 In conventional locos, for discharging back pressure from CP delivery pipe line, ..... valves are provided. ( A )  
**A Un loader** B Auto drain  
 C Both A & B D None of the above
- 157 Maximum .....kg/ cm<sup>2</sup> of pressure will go to brake cylinders of each wagon, when BP drops to '0'. ( D )  
 A 2 B 2.5  
 C 1.8 **D 3.8**
- 158 A-8 cut out cock position is.....in MU leading loco and ..... in MU trailing loco. ( A )  
**A Open, Close** B Open, Open  
 C Close, Close D Close, Open
- 159 In BMBC system, each coach having ..... no. of brake cylinders. ( C )  
 A 2 B 3  
**C 4** D 5
- 160 Maximum loco brake cylinder pressure with A9 is .....Kg/cm<sup>2</sup> and with SA-9 is ..... Kg/ cm<sup>2</sup>. ( B )  
 A 1.8, 2.5 **B 1.8, 3.5**  
 C 2.0, 2.5 D 1.8, 3.8
- 161 Location of HQOP-2 in WAG-7 loco 27200 onwards is..... ( C )  
 A HT-1 BA-1 panel B HT-2 compartment  
**C HT-3 BA-2 panel** D Switch panel
- 162 In MU locos, MU2B position in leading loco is..... and in trailing loco is..... ( C )  
 A Lead, Lead B Trail, Lead  
**C Lead,Trail** D Trail, Trail
- 163 In conventional locos SS-1 safety valve setting... Kg/cm<sup>2</sup>. ( D )  
 A 8.5 B 9  
 C 10.5 **D 8**
- 164 In conventional locos, if wipers, sanders are not working and FP pressure is not creating ..... Valve to be tapped. ( A )  
**A Duplex check valve** B Double check valve  
 C Both A&B D None of the above
- 165 In conventional locos, if DJ trips during RB ..... valve destroys BP pressure automatically. ( A )  
**A IP(M)** B C3W  
 C A9 feed D Auto drain
- 166 Location of A-8 COC in WAG 5 loco is ..... ( A )  
**A In cab-1 below A-9** B Pneumatic panel

C In cab-2 below A-9

D None of the above

- 167 Sensitivity of distributor valve is reduction of..... Kg/cm<sup>2</sup> amount of BP pressure with in .....seconds. ( A )  
A **0.6, 6** B 0.3, 6  
C 0.6, 3 D 0.3, 60
- 168 In conventional dead loco, IP (M) COC must be in ..... position. ( A )  
A **Close** B open  
C Either close or open D None of the above
- 169 In conventional locos,.....pressure switch is provided on A9 control pipe line (related to AFL). ( A )  
A **P1** B P2  
C RGCP D RGAF
- 170 Leakages in formation 'BP' pipe is indicated through..... gauges in both cabs. ( D )  
A MR B Loco BC  
C FP **D AFI**
- 171 To by-pass the air dryer ..... colour cut out cock to be closed and .....colour cut out cock to be opened. ( B )  
A Red, Green **B Green, Red**  
C Red, Red D Green, Green
- 172 In air brake locos, ALP emergency brake is connected to ..... pipe line. ( A )  
A **BP** B MR  
C FP D BC
- 173 In conventional locos, .....pipeline of A9 is not having any coc in both cabs. ( C )  
A MR pipe B Control pipe  
C **BP pipe** D None of the above
- 174 When additional BP cut out cock is closed on formation side, ..... pressure will not charge in to the formation. ( A )  
A **BP** B FP  
C MR D All the above
- 175 Location of CTF-3 in WAG-7 loco 27200 onwards & WAP4 (with RB) is ..... ( D )  
A HT-1 BA-1 panel B HT-3 BA-2 panel  
C HT-3 BA-3 panel **D HT-3 BA-4 panel**
- 176 During BP pressure leakage in formation, ..... lamp glows in signalling panel. ( C )  
A LSDJ B LSP  
C **LSAF** D LSB
- 177 In Air flow indicator, ..... colour needle is called as reference needle and ..... colour needle is called as indicating needle. ( D )  
A White, Red B Red, Green  
C Green, Red **D Red, White**
- 178 Normal position of additional BP cut out cocks on either side of the loco is..... . ( A )  
A **Open** B Close  
C Either close or open D None of the above
- 179 In conventional locos, ..... Pressure switch is provided on BP pipe line (related to AFL). ( B )  
A P1 **B P2**

- C RGCP D RGAF
- 180 The C145 contactor position is..... when MP is in traction side. ( A )  
**A open** B close  
 C either close or open D neither close nor open
- 181 In 58 BOXN+BV load, if 6 DVs are defective, the effective brake power is.....%. ( A )  
**A (53 / 59) X 100 = 90%** B (59 / 53) X 100 = 111%  
 C Cannot calculate D None of the above
- 182 The C145 contactor position is..... when MP is in braking side. ( A )  
**A close** B open  
 C neither close nor open D either close or open
- 183 Formula for effective brake power percentage is ..... ( A )  
**A (Effective No. of cylinders / Total no of cylinders)X100** B (Total no of cylinders / Effective No. of cylinders)X100  
 C (Effective No. of cylinders X 100) D (Total no of cylinders / 100)
- 184 Though MCPA is working and RS pressure is not creating, ..... drain cocks to be checked. ( D )  
 A EP & PT B CP & CPA  
 C CDC D **RS,PT & CPA**
- 185 For grounding conventional loco, place ZPT key in HOM box in..... position and turn it to ..... position in clock wise direction. ( A )  
**A 5° clock, 7°clock** B 5° clock, 6°clock  
 C 7° dock, 9° clock D 11° clock, 1°clock
- 186 When MP is in traction side, the CTF1, CTF2 & CTF3 handles position are ..... ( D )  
 A CTF1, CTF2 up & CTF3 down B CTF1, CTF2 down & CTF3 up  
 C CTF1, CTF2, CTF3 down D **CTF1, CTF2 & CTF3 up**
- 187 In single pipe air brake system, formation wagon / coach auxiliary reservoir is charged with ..... pressure. ( D )  
 A MR4 B FP  
 C BC D **BP**
- 188 In MU both locos pneumatic pressure is maintained equally through.... pipe. ( D )  
 A BP B FP  
 C BC equalising D **MR equalising**
- 189 In twin pipe air brake system, coaches auxiliary reservoir is charged with ..... pressure. ( B )  
 A MR4 B **FP**  
 C BC D BP
- 190 In conventional locos, ..... reservoir pressure is used for creation of BP pressure. ( C )  
 A MR 1 B MR 2  
 C **MR 3** D MR 4
- 191 In double head trailing loco , A8 coc must be in .....position. ( B )  
 A Open B **Close**  
 C Either (A) or (B) D None of the above
- 192 While moving conventional loco as dead, MR4 reservoir is charged with ..... pressure when DV is in service (MR Eq. pipe is not connected between locos). ( A )  
**A BP** B FP

- C MR D None of the above
- 193 For single loco both side BC equalizing pipes angle coc must be in.....position. ( A )  
**A Close** B Open  
 C Either (A) or (B) D None of the above
- 194 During CP efficiency test, when BPSW is pressed, BP should not drop below .....kg/cm<sup>2</sup> ( write the BP gauge reading). ( B )  
 A 4 **B 4.4**  
 C 3.5 D 2.5
- 195 When MP is in braking side, the CTF1, CTF2 & CTF3 handles position are ..... ( B )  
 A CTF1, CTF2, CTF3 up **B CTF1, CTF2 & CTF3 down**  
 C CTF1, CTF2 down & CTF3 up D CTF1, CTF2 up & CTF3 down
- 196 During BP continuity test, .....kg/ cm<sup>2</sup> of BP pressure to be dropped through A9 in the loco. ( D )  
 A 2.5 B 3.5  
 C 2 **D 1**
- 197 During CP efficiency test, when BPSW is not pressed, BP gauge needle should show between ..... and ..... kg/cm<sup>2</sup>. ( A )  
**A 2.5 & 3.5** B 1.5 & 2.5  
 C 3.0 & 3.5 D Any one of the above
- 198 In modified locos, when C145 contactor is closed, ..... lamp glows near Q50 relay. ( C )  
 A LSB B LSGR  
**C LSC-145** D LSOL
- 199 When L1 or L6 is not closed, then ..... traction failure occurs. ( C )  
 A TLTE with GR progression B TLTE w/o GR progression  
**C PLTE** D 1st notch auto regression with LSP
- 200 Auto sanding is done by the energisation of ..... Relay. ( C )  
 A Q44 B Q49  
**C Q48** D Q50
- 201 When ever cattle run over takes place, if BP dropped the immediate duty of crew is to switch ON ..... light. ( D )  
 A Head light B Cab light  
 C Marker light **D Flasher light**
- 202 When ever cattle run over takes place, after clearing the block section, the LP has to check ..... voltage. ( B )  
 A OHE voltage **B Battery voltage**  
 C Charger voltage D None
- 203 When ever cattle run over takes place, if BP dropped due to front side BP angle cut-off cock is broken , the duty of LP is to maintain BP pressure is by closing .....coc. ( C )  
 A MR-4 COCK B Rear side addl. BP coc  
**C Front side Addl. BP angle coc** D Both side addl.BP cocs
- 204 Relay Q 46 is called as ..... Relay ( C )  
 A GR half notch protection relay B Auxiliaries protection relay

- C **GR full notch protection relay** D DJ protection relay  
 205 Relay Q 118 is called as ..... relay. ( B )  
 A GR half notch protection relay B **Auxiliaries protection relay**  
 C GR full notch protection relay D DJ protection relay  
 206 On closing BLDJ, pressing BLRDJ, LSDJ remains glowing means  
 ..... Tripping failure. ( B )  
 A Operation A beginning B **ICDJ**  
 C Operation A ending D Mechanical locking of DJ  
 207 While checking reasons for ICDJ, UBA meter shows more than 90V indicates  
 .....fuse(s) are in good condition. ( C )  
 A CCPT & CCBA B CCBA  
 C **ADDI. CCBA** D CCPT & CCDJ  
 208 To avoid ICDJ, minimum ..... kg/cm<sup>2</sup> of MR/RS pressure is required. ( B )  
 A 6.6 B **6.5**  
 C 6 D 5.5  
 209 While checking the reasons for ICDJ, the panto raised condition  
 indicates .....& .....fuses are in good condition. ( C )  
 A CCDJ & CCPT B Addl CCBA & CCA  
 C **CCBA & CCPT** D Addl CCBA & CCDJ  
 210 On closing BLDJ, pressing BLRDJ, LSDJ lamp extinguishes and glows  
 immediately is an indication for ..... tripping failure. ( D )  
 A Operation A ending B Operation A ending part II  
 C Operation B Part I D **Operation A beginning**  
 211 Earth fault in Q 118 relay coil causes ..... fuse to melt. ( C )  
 A CCBA B CCDJ  
 C **CCPT** D Addl. CCBA  
 212 In VCB(DI) DJ provided locos, the DJ control circuit is not having ..... branch. ( C )  
 A Q 118 B MTDJ  
 C **EFDJ** D Q 45  
 213 Earth fault in Q 45 relay coil causes ..... fuse to melt. ( B )  
 A CCBA B **CCDJ**  
 C CCPT D Addl. CCBA  
 214 Earth fault in Q 44 relay coil causes ..... fuse to melt. ( A )  
 A **CCPT** B CCDJ  
 C CCBA D Addl. CCBA  
 215 Earth fault in MTDJ coil causes .....fuse to melt. ( D )  
 A CCBA B Addl. CCBA  
 C CCPT D **CCDJ**  
 216 Earth fault in EFDJ coil causes .....fuse to melt. ( C )  
 A CCBA B Addl. CCBA  
 C **CCDJ** D CCPT  
 217 Earth fault in C 118 contactor coil causes ..... fuse to melt. ( A )  
 A **CCDJ** B Addl. CCBA  
 C CCPT D CCBA  
 218 Permanent welding of the tips of C 106 contactor causes ..... tripping failure. ( C )  
 A No tension B 6th notch tripping

- C ICDJ** D Operation 'O'
- 219 Melting of CCDJ fuse causes ..... tripping failure. ( D )  
 A Operation 'A' ending B Operation 'O'  
 C Operation 'A' beginning **D ICDJ**
- 220 For closing of DJ ..... push button switch can be used. ( C )  
 A BP1DJ B BPP  
**C BP2DJ** D BPR
- 221 Improper contact of ..... push button switch I/L causes ICDJ trouble. ( A )  
**A BP1DJ** B BPP  
 C BP2DJ D BPR
- 222 In VCB(SI/Horizontal) DJ provided Locos, the DJ control circuit is having ..... no. of branches. ( C )  
 A 3 B 5  
**C 6** D 4
- 223 In emergency DJ can be tripped by ALP by pressing ..... push button switch in cab-2. ( A )  
**A BP1DJ** B BPP  
 C BP2DJ D BPR
- 224 Defective QVRH relay causes ..... tripping failure. ( D )  
 A Operation I B Operation B Part I  
 C Operation II **D Operation 'O'**
- 225 Defective QPH relay causes ..... tripping failure. ( B )  
 A Operation I B **Operation B Part 1**  
 C Operation II D Operation 'O'
- 226 LSCHBA glowing on run, but DJ is not tripped indicates ..... or ..... equipment is defective. ( A )  
**A QV61 or CHBA** B ARNO or CHBA  
 C QCVAR or ARNO D ARNO or QV61
- 227 Any blower contactor not closed, causes ..... tripping failure. ( C )  
 A Operation I B Operation B Part I  
**C Operation II** D Operation 'O'
- 228 Defective MVSI-1 motor causes ..... tripping failure. ( A )  
**A Operation I** B Operation B Part I  
 C Operation II D Operation 'O'
- 229 Sluggish operation of GR causes tripping of DJ through ..... relay. ( B )  
 A Q 118 **B Q 44**  
 C Q 50 D Q 45
- 230 Struck up of GR in full notches during quick regression causes tripping of DJ through ..... relay energisation. ( A )  
**A Q 46** B Q 118  
 C Q 44 D Q 48
- 231 Energisation of any safety relay, causes DJ to trip after.. seconds. ( B )  
 A 0.6 **B 0**  
 C 0.5 D 5.6
- 232 Defective Q 30 relay leads to ..... tripping failure. ( C )  
 A Operation A ending B Operation B Part I  
**C Operation B Part II** D Operation 'O'

- 233 In VCB(SI/Vertical) DJ provided locos, the DJ control circuit is not having ..... branch. ( D )  
 A Q 44 B MTDJ  
 C Q 118 D **EFDJ**
- 234 The defective ARNO leads to .....tripping failure. ( A )  
 A **Operation A ending** B Operation B Part I  
 C Operation B Part II D Operation 'O'
- 235 To over come the Operation B part II tripping failure. ... relay is to be wedged.( C )  
 A Q 44 B Q 118  
 C **Q 45** D Q 46
- 236 For wedging ..... relay in DJ Control circuit, permission of TLC is necessary. ( A )  
 A **Q 44** B Q 118  
 C Q 45 D Q 46
- 237 After taking permission from TLC, before wedging Q-44 relay ..... test is to be conducted. ( C )  
 A Loco brake test B LT test  
 C **GR efficiency test** D Traction test
- 238 1st notch tripping failure causes due to ..... or..... defective relays. ( D )  
 A QVMT 1 or QVMT 2 B QVSL 1 or QVSL 2  
 C QPH or QVRH D **QVSI 1 or QVSI 2**
- 239 When Q 45 relay is to be wedged, ensure ..... trouble should not be existing in the loco. ( A )  
 A **Operation A ending** B Operation B Part I  
 C No tension D Operation A Ending part II
- 240 6th notch tripping is due to non closing .....contactors or their I/Ls. ( C )  
 A C 101 or C 102 or C 103 B C 106 or C 107 or C 108  
 C **C 105 or C 106 or C 107** D C 111 or C 121 or C 118
- 241 In VCB locos, if DJ N/O I/L parallel to C 118 N/O I/L on MTDJ branch is defective.....tripping failure will occur. ( D )  
 A Operation A Ending B Operation B Part I  
 C No tension D **Operation A Ending part II**
- 242 In VCB locos, the C 118 N/O I/L on MTDJ branch is defective, ..... tripping failure will occur. ( A )  
 A **ICDJ** B Operation B Part I  
 C No tension D Operation A. Ending part II
- 243 The defective Q 30 relay causes .....tripping failure. ( B )  
 A Operation A ending B **Operation B Part II**  
 C No tension D Operation A Ending part II
- 244 Relay Q 45 is called as ..... relay. ( C )  
 A DJ protection relay B Auxiliaries protection relay  
 C **DJ resetting relay** D Notch by notch  
 Progression relay
- 245 After passing neutral section, If ICDJ is experienced, check ..... & ..... fuses. ( C )  
 A CCPT & CCBA B Addl. CCBA & CCPT

- C Addl. CCBA & CCBA** **D CCPT & CCDJ**
- 246 During manual operation of Q 44 relay, it should not be pressed for more than ..... seconds. ( B )  
 A 5.6 **B 1**  
 C 0.5 D 0.6
- 247 MTDJ (VCB type) coil is called ..... coil. ( A )  
**A DJ closing, holding & tripping coil** B DJ tripping coil  
 C DJ closing coil D DJ holding coil
- 248 EFDJ coil is called ..... Coil. ( C )  
 A DJ holding & tripping coil B DJ tripping coil  
**C DJ closing coil** D None of the above
- 249 In case Q 45 relay is wedged, DJ will close directly by the moment ..... Switch closes. ( B )  
 A BLRDJ **B BLDJ**  
 C BP2DJ D BP1DJ
- 250 On switching on HBA, ..... relay in DJ control circuit will energise provided Addl. CCBA, CCBA and CCPT are in good condition. ( C )  
 A Q 45 B Q 44  
**C Q 118** D None of the above
- 251 Defective MPH motor leads to ..... tripping failure. ( B )  
 A Operation A ending **B Operation B Part I**  
 C No tension D Operation B Part II
- 252 Defective QCVAR leads to .....tripping failure. ( A )  
**A Operation A Ending** B Operation B Part I  
 C No tension D Operation B Part II
- 253 Relay Q 118 is having ..... seconds of time lag. ( A )  
**A 5** B 6  
 C 3 D 60
- 254 Defective QPDJ leads to .....tripping failure. ( C )  
 A Operation A ending B Operation B Part I  
**C ICDJ** D Operation B Part II
- 255 If relay Q 44 is wedged, the precautions for ..... relay also to be observed along with Q 44 relay precautions. ( B )  
 A Q 45 **B Q 118**  
 C QCVAR D None of the above
- 256 To overcome the Q 30 relay defective trouble, ..... relay can be wedged. ( A )  
**A Q 45** B Q 118  
 C QCVAR D None of the above
- 257 Relay Q 44 is having ..... seconds of time lag. ( C )  
 A 1 B 0.5  
**C 0.6** D 2
- 258 When MPJ is put to forward in cab1, the J1 & J2 handles position are ..... ( D )  
 A J1 up, J2 down B J1 down, J2 up  
 C both J1,J2 down **D both J1,J2 up**
- 259 In Static converter loco, to work MCPs..... & ..... relays should be energized. ( A )  
**A QCON & QTD101** B QTD101

- C QCON D Q 100
- 260 Time delay of QTD 101 relay is ..... seconds. ( B )  
 A 2 B 5  
 C 0.6 D 60
- 261 In SIV locos, ..... switch is to be kept on 'O', in the event of external earth fault and unable to rectify and to work the train further. ( A )  
 A HSIV B HVSI  
 C HBA D HCHBA
- 262 In SIV locos, after keeping HSIV on 'O' & pressing ELD bypass switch, time allowed to work the train is .....minutes. ( C )  
 A No time limit B 60  
 C 45 D 30
- 263 In SIV locos, C108 contactor is provided for ..... motor. ( A )  
 A AC MVRF B DC MVRF  
 C SIV rectifier D SIV inverter
- 264 After using RB in SIV locos, experiencing 6th notch tripping, ensure whether ..... contactor is closed. ( B )  
 A C 108 B C 107  
 C C 118 D C 145
- 265 In Static converter locos (SIEMENS) ,..... no. of indication lamps provided on SIV Panel. ( C )  
 A 2 B 3  
 C 5 D 4
- 266 Time delay of QSVM relay is .....seconds. ( B )  
 A 5 B 2  
 C 0.6 D 60
- 267 ..... & ..... safety relays are removed in static converter locos. ( D )  
 A QLM & QLA B QOP1 & 2  
 C QRSI 1 & 2 D QOA & QLA
- 268 In Microprocessor loco, if experienced TLTE due to malfunctioning of AFL/ACP circuit, change the position of ..... Switch. ( C )  
 A HAD B HRSZ  
 C HPAR D HBA
- 269 If DJ is tripped through static converter, ..... Lamp glows in both the cabs. ( C )  
 A LRSI B Internal fault lamp  
 C LSSIT D External fault lamp
- 270 To avoid QD action in microprocessor loco, ..... switch to be pressed up to 10<sup>th</sup> notch. ( A )  
 A BPQD B BPSW  
 C ZQWC D PSA
- 271 In micro processor loco, before checking any loco equipment or attending any loco trouble ensure to keep ..... switch in open position. ( C )  
 A HBA B HPAR  
 C BLDJ D HOBA
- 272 Location of CHBA ammeter in SIV locos ..... . ( A )  
 A On SIV panel B On switch panel

- C On relay panel  
 D On CHBA  
 273 Rating of CCINV is ..... Amps. ( A )  
 A **6**  
 B 16  
 C 10  
 D 2
- 274 To close all line contactors, position of EP1 & EP2 COCs in WAG7 are ..... ( B )  
 A EP1 & EP2 close  
 B **EP1 & EP2 open**  
 C EP1 open, EP2 close  
 D EP1 close, EP2 open
- 275 HRAVT is provided to isolate ....., ....., ..... &..... Equipments. ( C )  
 A Static converter  
 B Micro processor  
 C **Heaters, cab fans, NR & W/T charger**  
 D None of these
- 276 When static converter is not working ..... fuse(s) to be checked. ( D )  
 A CCINV  
 B CCDJ  
 C CCA  
 D **CCINV & CCA**
- 277 In static converter locos, .....fuses to be checked during ICDJ. ( A )  
 A **Add. CCBA,CCBA, CCPT & CCDJ**  
 B Add. CCBA,CCBA, CCINV & CCA  
 C CCINV & CCA  
 D None of these
- 278 In static converter locos compressors will start with a delay of ..... seconds after extinguishing of LSCHBA. ( B )  
 A 2  
 B **5**  
 C 60  
 D 45
- 279 In SIV locos, if LSSIT glows continuously, crew experiences ..... tripping failure. ( A )  
 A **ICDJ**  
 B No Tension  
 C Operation 'A' Ending  
 D None of these
- 280 In static converter locos during RB, ..... motor stops working and ..... motor starts working. ( A )  
 A **MVRH , MVRF**  
 B MVRF , MVRH  
 C MPH , MVRH  
 D None of the above
- 281 When SIV is working ..... relay energises. ( B )  
 A QSIT  
 B **QCON**  
 C QCVAR  
 D None of these
- 282 In micro processor loco .....fuses are removed. ( A )  
 A **CCDJ , CCLS, CCA & CCLSA**  
 B CCA & CCINV  
 C CCINV & CCAD  
 D CCCPU & CCBA
- 283 ..... & ..... time delay relays are removed in static converter locos. ( A )  
 A **QTD 105 & 106**  
 B QTD 100 & 101  
 C QTD 107 & 108  
 D None of these
- 284 The correct preparation for traction as well as braking is supervised by .....relay. ( C )  
 A Q-52  
 B Q-51  
 C **Q-50**  
 D Q-49
- 285 On Siemens make SIV loco panel ..... & ..... lamps glows continuously in normal working of SIV. ( B )  
 A LSSIT & CHBA ON  
 B **CHBA ON & SIV ON**

- C External & Internal fault  
 D OHE out of range & SIV ON  
 286 .....N/C interlock is provided newly on Q118 branch of SIV DJ control circuit. ( B )  
 A QSIT  
 B **QCON**  
 C QSVM  
 D None of these
- 287 If earth fault occurs in out side of SIV, ..... lamp glows on SIV panel. ( B )  
 A OHE out of range  
 B **External fault**  
 C Internal fault  
 D None of the above
- 288 In static converter loco DJ control circuit, on MTDJ branch  
 ..... relay interlock provided in place of QOA &QLA. ( A )  
 A **QSIT**  
 B QCON  
 C QSVM  
 D None of these
- 289 When TLTE with LSB is experienced, it indicates ..... relay not energized. ( A )  
 A **Q-50**  
 B Q-51  
 C Q-52  
 D Q-48
- 290 In WAG-5 loco the centre pivot carries .....% of load & each side bearer carries .....% of load. ( D )  
 A 40, 60  
 B 60, 40  
 C 50, 50  
 D **60, 20**
- 291 In WAG-7 loco the side bearers nearer to the centre pivot carries .....% of vertical load & the side bearers away to the centre pivot carries ..... % of vertical load. ( B )  
 A 40, 60  
 B **60, 40**  
 C 50, 50  
 D 100, 0
- 292 .....numbers of brake cylinders are provided in WAG-5 or WAG-7 loco. ( A )  
 A **8**  
 B 24  
 C 6  
 D 12
- 293 .....&..... oil points to be checked in WAG-5 or WAM4 bogie(other than Traction motor oils). ( A )  
 A **Center pivot-1-no & side bearers-2nos**  
 B load bearers 4-nos  
 C side bearers 4-nos  
 D center pivot-1No, side bearers-4 nos
- 294 ..... type bogie provided in WAG-7 locos. ( B )  
 A Co-co tri mount bogie  
 B **Co-co tetra mount high adhesion bogie**  
 C Co-co flexi coil bogie  
 D Bo-bo tri mount bogie
- 295 ..... type bogie provided in WAP-4 locos. ( C )  
 A Co-co tri mount bogie  
 B Co-co tetra mount high adhesion bogie  
 C **Co-co flexi coil bogie**  
 D Bo-bo tri mount bogie
- 296 When hand brake is applied in WAG-5 or in WAG-7 locos, .....&..... wheels brakes gets apply. ( A )  
 A **No-2 both sides, no-4 one side**  
 B No-2 both sides  
 C No-1 both sides, no-2 one side  
 D No-4 both sides, no-2 one side
- 297 When hand brake is applied in WAP-4 locos .....wheel gets apply. ( B )  
 A No-2 both sides, no-4 one side  
 B **No-2**

- C No-1 both sides, no-2 one side D No-4

298 QWC relay's action is up to ..... notch, when ZQWC is pressed ( 18 shunting contactors loco). ( C )

A 20 B 15

C 10 D 1

299 When dead loco is attached on formation, if loco brakes are not releasing proportionally, ..... is to be isolated in dead loco to avoid wheel skidding. ( A )

A C3W Valve B C2A

C MU2B D Both cab A 9

300 Switch OFF blowers when the train is expected to stop for more than .....minutes to conserve the energy. ( C )

A 10 B 30

C 15 D 20

301 If train is expected to stop for more than ..... minutes lower the panto with the consultation of SM/SCOR. ( A )

A 30 B 15

C 45 D 60

302 Location of hand brake in crew friendly locos is ..... ( C )

A Cab-1 left side locker B Cab-1 right side locker

C Cab-1 on floor D Cab-2 on floor

303 During RB, working of MVRF is indicated through ..... Lamp. ( B )

A LSAFL B LSDBR

C LSOL D LSGRPT

304 In Static inverter fitted loco ..... lamp is provided to indicate the tripping of static inverter. ( C )

A QSIT B LSGRPT

C LSSIT D LSAF

305 While working with MU, If CHBA is failed in trailing loco ..... & ..... lamps will glow in leading loco. ( C )

A LSCHBA & LSGRPT B LSGRPT & LSOL

C LSOL & LSCHBA D None of the above

306 While working with MU, If tell-tale fuse is projected in leading loco ..... & ..... lamps will glow in leading loco. ( B )

A LRSI & LSOL B LRSI & LSGRPT

C LSOL & LSGRPT D None of the above

307 While working with MU, If tell-tale fuse is projected in trailing loco ..... & ..... lamps will glow in leading loco ( A )

A LRSI & LSOL B LRSI & LSGRPT

C LSOL & LSGRPT D None of the above

308 While working with MU, If Q 50 is de energised in leading loco ..... & ..... lamps will glow in leading loco. ( C )

A LSB & LSOL B LSOL & LSGRPT

C LSB & LSGRPT D None of the above

309 While working MU, If Q 50 is de energised in trailing loco ..... & .....lamps will glow in leading loco. ( A )

A LSB & LSOL B LSOL & LSGRPT

- C LSB & LSGRPT D None of the above
- 310 If signaling lamps are not working defect may be with .....  
..... Fuses ( D )
- A CCBA & Addl.CCBA B CCPT & CCLS
- C CCLC & CCBA D **Addl.CCBA & CCLS**
- 311 Q 20 actions are ( A )
- A **Auto regression of GR, glowing of LSOV & sounding of SON** B Glowing of LSOV & sounding of SON
- C Sounding of SON D None of the above
- 312 While working with MU ..... lamp glows in healthy loco, ..... lamp glows in defective loco. ( A )
- A **LSOL & LSGRPT** B LSOL & LSOV
- C LSGRPT & LSAFL D LSGRPT & LSOL
- 313 While working with MU, If DJ is tripped in leading loco ..... & ..... lamps will glow in leading loco. ( D )
- A LSDJ & LSGRPT B LSOL & LSOV
- C LSOL & LSGRPT D **LSDJ, LSCHBA, LSB,LSGR & LSGRPT**
- 314 While working with MU, If DJ is tripped in trailing loco ..... & ..... lamps will glow in leading loco. ( D )
- A LSDJ & LSGRPT B LSOL & LSOL
- C LSOL & LSGRPT D **LSDJ, LSCHBA, LSB & LSOL**
- 315 When ZQWC is pressed, QWC relay will energise only when GR is on ..... notch(es). ( C )
- A '0' B '1'
- C **'0' or '1'** D on & above 20<sup>th</sup>
- 316 While attaching loco on to formation stop the loco first at .....mts from formation. ( C )
- A 10 B 15
- C **20** D 25
- 317 In roof mounted RB provided WAP-4 locos, revised setting of QF relay is .....Amps. ( C )
- A 700 B 800
- C **850** D 900
- 318 After resetting BPEMS switch, operate ZPT from ..... position to .....position. ( A )
- A **0, 1** B 2, 0
- C 1, 0 D 1, 2
- 319 Earth fault in line contactors coils causes, ..... fuse to melt. ( A )
- A **CCPT** B CCA
- C CCDJ D CCLSA
- 320 In conventional locos, if VCD is not acknowledged, after 60secs, ..... will happen for next 8secs. ( B )
- A Alarm will sound B **Yellow flashing light will glow**
- C Auto regression and BP D All the above

## Drops

- 321 In conventional locos, when VCD is acted, .....  
 .....actions will take place. ( A )  
**A Auto regression and BP drops** B DJ trips  
 C Panto lowers D None of the above
- 322 In conventional locos, to acknowledge VCD, Ack. push button / paddle  
 switch should not be pressed for more than ...Secs. ( D )  
 A 30 B 32  
 C 45 **D 60**
- 323 When BPEMS is pressed, ..... actions will take place. ( D )  
 A DJ trips B Panto lowers  
 C BP drops **D All the above**
- 324 In conventional locos, VCD acknowledgment is done by operating  
 ..... once in every 60 seconds (write any two).  
 ( D )  
 A A-9 or SA-9 B Sander or horns  
 C Progression or regression or Ack. **D Any one of the above**
- 325 In conventional locos, if VCD is not acknowledged, after 68secs,  
 ..... will happen for next 8secs. ( C )  
 A Alarm will sound B. Yellow flashing light will glow  
 C **Alarm will sound and yellow light will glow** D. Auto regression and BP drops
- 326 In conventional locos, before resetting VCD, ..... to be operated. ( B )  
 A HBA to be kept in '0' and '1' **B MP to be kept on '0'**  
 C ZPT to be kept in '0' and '1' D MPJ to be moved to 'N' and Then 'F'
- 327 In conventional locos, for resetting VCD, ..... to be pressed. ( C )  
 A BPP/BPR B horns  
**C Ack. Or Reset button** D sanders
- 328 In conventional locos, in case of any malfunctioning, to isolate  
 VCD, keep ..... switch in 'OFF' position. ( A )  
**A VCD Bypass** B Reset  
 C Acknowledgement D None of the above
- 329 When ever cattle run over takes place, if BP dropped due to front  
 side BP angle cut-off cock is broken , the duty of LP is to maintain BP  
 pressure is by closing ..... ( C )  
 A A8 coc B RAL coc  
**C Front side Addl. BP angle coc** D A-9 coc
- 330 Controlling fuse for SMGR control circuit is ..... ( A )  
**A CCPT** B CCA  
 C CCBA D CCDJ
- 331 Before taking notches, if Q51 is in energised condition crew  
 experiences ..... traction failure. ( B )  
 A TLTE with LSB **B TLTE without LSB**  
 C Auto regression with LSP D None of the above
- 332 GR travelling time (0 to 32 notches) for progression is.... seconds. ( A )

- A 11 to 13** **B 10 to 12**

C 32 D 15

333 While operating GR manually ..... equipment to be observed. ( D )

A PHGR B RPGR

C CGR arc-chutes **D RGR**

334 For operating GR manually take out ZSMGR handle from...position. ( C )

A 6 O' clock B 7 O' clock

**C 3 O' clock** D 5 O'clock

335 While operating GR manually GR shall be rotated within ..... seconds. ( A )

**A 0.5** B 0.6

C 5 D None of above

336 When MP is moved from traction to braking side, the correct preparation for braking is ensured by glowing and extinguishing of ..... signalling lamp. ( B )

A LSP **B LSB**

C LSGR D LRSI

337 During RB if DJ trips, ..... valve de-energises and causes destruction of BP pressure automatically. ( A )

**A IP(E)** B IP(M)

C VEF(E) D VEF(M)

338 Whenever DJ is tripped on notches GR comes to zero by... relay. ( D )

A Q52 B Q51

C Q46 **D Q50**

339 While operating GR manually MP should be placed in ....Position. ( D )

A O B +

C - **D N**

340 Auxiliary controlling relay is ..... ( D )

A Q118 B Q49

C Q119 **D Q100**

341 In EP C118 provided locos Q100 is replaced with ..... Relay. ( C )

A Q119 B Q120

**C QTD100** D Q121

342 When BLVMT is defective blowers can be started by----- ( C )

A Wedging contactors B Changing switch position

**C Taking a notch** D Ask relief loco

343 When C107 is not closed, try by keeping .....switch on... position. ( B )

A HVRH, 2 **B HVRH, 3**

C HVRH, 1 D HVRH, 0

344 After wedging any 3 phase EM contactor ensure..... without fail. ( C )

A Proper closing of 3 tips B Motor is working

**C Both A & B** D None of above

345 ..... fuse will melt, when earth fault occurs in J1 / J2 coils. ( A )

**A CCPT** B CCBA

C CCA D CCLS

346 During RB, all traction motor fields are connected in----- ( B )

A Parallel **B Series**

C Series-parallel D None of the above

347 While using RB ..... brakes should not be used to avoid loco wheel skidding. ( B )

- 348 If ..... number of fuses are projected in same RSI block, isolate concerned block and work further. ( A )  
 A 2 or more B 1  
 C All above D None of the above

349 QD actions are ( D )  
 A Auto regression of few notches B Auto sanding  
 C LSP glows D All the above

350 Traction motor meter connections in Cab-1 are ..... and in Cab-2 are ..... ( A )  
 A U1-TM1, U2-TM2, A3-TM3, B A1-TM1, U2-TM2, U3-TM3,  
 A4-TM4, U5-TM5, U6-TM6, A4-TM4, U5-TM5, U6-TM6,  
 C A1-TM3, A2-TM4, U1-TM1, D None of the above  
 A4-TM4, U5-TM5, U6-TM6,

351 The controlling fuse for reversers control circuit is ..... ( C )  
 A CCA B CCDJ  
 C CCPT D CCLS

352 When rear cab BL is not locked properly, crew experiences .....Traction failure. ( D )  
 A TLTE with LSB B TLTE with out LSB  
 C Auto regression with LSP D 1st notch auto regression with out LSP

353 On run when GR is on notches and CCPT is melted,..... happens in the loco. ( D )  
 A Panto lowers B GR comes to zero  
 C DJ trips D Both A & C

354 When CCA is melted crew experiences ..... tripping failure. ( B )  
 A Operation O B Operation-II  
 C Operation-I D Operation-B part-I

355 When Q100 is not energized crew experiences ..... tripping failure. ( C )  
 A Operation-O B Operation-I  
 C Operation-II D Operation-B part-I

356 When C106 is not closed, try by keeping ..... switch on ..... position. ( D )  
 A HVMT-2, 2 B HVMT-2, 0  
 C HVMT-2, 1 D HVMT-2, 3

357 Purpose of Q119 is ..... ( D )  
 A To enrgise VEULS B Late starting of MCP-3  
 C To energise VEAD D Both A & B

358 During RB..... valve energizes automatically to avoid proportional working. ( B )  
 A Auto drain B VEF(E)  
 C RGCP D VEAD

359 When notches are not progressing & regressing by MP, try with---- ( A )  
 A EEC operation B GR manual operation  
 C Ask for relief loco D None of the above

360 When Pacco switch is in pressed condition, crew experiences ..... traction failure. ( B )

- 361 If Q52 is permanently energised, crew experiences ..... traction failure. ( B )  
 A TLTE with LSB B **TLTE without LSB**  
 C Auto regression with LSP D None of the above

362 In conventional locos, if CHBA is isolated, work the train for..... hours during day time and ..... hours during night time with minimum utilization of battery supply. ( A )  
 A **6, 4** B 4, 6  
 C 5, 4 D 6, 3

363 While changing Bi-polar switch on DC-DC converter, ..... switch to be switched off. ( B )  
 A BLPRF B **ZRT / ZPR**  
 C BLPRR D BLPRD

364 The minimum battery voltage required to energise conventional AC loco is ..... Volts. ( B )  
 A 50 B **90**  
 C 110 D 100

365 If CCBA is melting even HOBA is in OFF position ..... to be checked. ( D )  
 A PANTO B DJ  
 C CHBA D **LTBA**

366 On closing HBA and ZUBA, if UBA reads zero volts ..... fuse to be checked. ( B )  
 A CCBA B **Addl. CCBA**  
 C CCA D CCPT

367 When BPSW is pressed ..... valve energizes. ( B )  
 A PR1 B **MV4**  
 C PR2 D QWC

368 ..... relay causes Auto Regression during AFL working. ( B )  
 A PR1 B **PR2**  
 C RGE2 D Q20

369 During A9 application ..... Relay energises and nullifies the AFL actions. ( D )  
 A Q-121 B Q-120  
 C QFL D **PR-1**

370 Length of the conventional type of Neutral section is .....meters. ( C )  
 A 42 B 45  
 C **41** D 4.8

371 The purpose of ATD in OHE is ..... . ( A )  
 A **Maintains tension in OHE** B Uniform wear & tear of panto  
 C A & B D None of the above

372 To maintain uniform wear & tear of panto pan ..... arrangement is provided on OHE. ( B )  
 A ATD B **Staggering**  
 C Anti creep D A & B

373 Emergency telephone sockets are provided at a distance of ..... metres along the track. ( A )

- 374 In modified locos Notch Repeater is gets supply from----- (A)  
 A **1000 /900** B 1500  
 C 800 D 750

375 The controlling fuse for reversers control circuit is ..... (C)  
 A CHBA B DC-DC Converter  
 C TFVT D ARNO

376 When head light is not glowing work the train with maximum ..... kmph speed during night time. (C)  
 A 50 B 30  
 C **40** D 60

377 Purpose of additional CCBA is ..... (A)  
 A **Protects BA +ve cable** B Protects BA –ve cable  
 C Protects CHBA D Protects UBA

378 The OHE supply of two traction substations is separated by----- (A)  
 A **Neutral section** B SP  
 C SSP D TSS

379 The length of PTFE neutral section is ..... meters. (C)  
 A 2.8 B 4.2  
 C **4.8** D 5.2

380 The zig-zag arrangement of contact wire is called as----- (D)  
 A Auto tension B Regulating  
 C Un-regulating D **Staggering**

381 On run, if OHE contact wire is found hanging, the immediate duty of the crew is ..... (B)  
 A Inform TLC B **Keep ZPT on “0” and apply Emergency brakes or press BPEMS.**  
 C Inform TPC D None of the above

382 If ATDs are provided at both ends of contact and catenary wires, it is known as ..... type of OHE. (C)  
 A Un-regulated B Semi- regulated  
 C **Regulated** D Un-known

383 The purpose of the CHBA is ..... & ..... (D)  
 A Charging Batteries B Supply to Arno  
 C Supply to all control circuits after closing DJ D **both A & C**

384 If ATDs are not provided at both ends of contact and catenary wires, it is known as ..... (A)  
 A **Unregulated OHE** B Semi regulated OHE  
 C Regulated OHE D Un known

385 Traction motor meter connections in Cab-1 are ..... and in Cab-2 are ..... (A)  
 A **U1-TM1, U2-TM2, A3-TM3, A4-TM4, U5-TM5, U6-TM6,** B A1-TM1, U2-TM2, U3-TM3, A4-TM4, U5-TM5, U6-TM6,  
 C A1-TM3, A2-TM4, U1-TM1, D None of the above

A4-TM4,U5-TM5, U6-TM6,

- 386 Total no. of roof bars provided in WAG 5 loco are ..... ( B )  
A 6 B **6+2**  
C 4 D 4+2
- 387 Total no.of roof bars provided in WAP 4 loco are ..... ( D )  
A 6 B 6+2  
C 4 D **4+2**
- 388 In conventional locos, to close DJ ..... BL switches to be operated. ( C )  
A BLDJ B BLRDJ  
C **BLDJ, BLRDJ** D BLSN
- 389 In VCB type (DI) DJ, to close&maintain DJ .....electro valve(s) to be energized.( A )  
A **MTDJ** B MTDJ & EFDJ  
C C118 D EFDJ
- 390 Location of MU2B in crew friendly locos is ..... ( C )  
A Motor chest no.1 B Motor chest no.2  
C **Pneumatic panel** D Switch panel
- 391 When panto is raised and DJ is open position, ..... protects roof equipment against surge voltage. ( C )  
A ETTFP-1 B ET- 2  
C **ET- 1** D ET TFP- 2
- 392 After closing DJ, ..... protects main transformer against surge voltage. ( B )  
A ETTFP-1 B **ET-2**  
C ET-1 D ETTFP-2
- 393 .....Relay is called as TM output over current relay during RB. ( A )  
A **QF-1 or QF-2** B QE  
C QRSI-1 or QRSI-2 D None of the above
- 394 Arno starting phase is given through ..... contactor & .....resistance. ( A )  
A **C118 & R118** B C118 & RGR  
C C145 & R118 D C108 & RPGR
- 395 Starting phase of ARNO is suppressed by..... relay. ( B )  
A Q45 B **QCVAR**  
C Q30 D Q44
- 396 Poly glass material projecting from TM vent mesh is called as ..... failure. ( C )  
A Short circuit B Over current  
C **Banding failure** D None of the above
- 397 Earth fault in MPH motor causes tripping of DJ through.....relay. ( C )  
A QLA B QOP-1  
C **QOA** D QRSI-1
- 398 If MPH motor is isolated, starting 5 minutes.....Amps current and continuously.....Amps current to be observed for TM. ( A )  
A **920, 500** B 500, 500  
C 750, 500 D 1000, 500
- 399 If MVSL-2 is not working, work the train by isolating----- ( D )  
A No restriction for TM B isolate bogie-2

- current ratings  
C Work 50% load  
**D Above all**
- 400 If MVRH motor is isolated, starting 5 minutes .....Amps current and continuously.....Amps current to be observed for TM. ( A )  
A **920, 500** B 500, 500  
C 1000, 750 D 1000, 500
- 401 In few locos in place of roof bushing bar ..... is provided. ( C )  
A LT cable B LT & HT cables  
C **HT cable** D None
- 402 In conventional locos, .....motors are called direct motors. ( D )  
A MPH, MVSI-1 B MVSI-2, MVSL-1  
C MVSL-2 D **All the above**
- 403 MVMT 1 & MVMT 2 are ..... type of auxiliary motors. ( D )  
A direct auxiliary B starts along with ARNO  
C Both A & B D **remote controlled**
- 404 To isolate the TM-5 in WAG-7 loco, HMCS-2 has to be placed in ..... position and..... bit to be packed on –ve side of TM. ( C )  
A 3, J1-10th B 3, J1-8th  
C **3, J2-10th** D 3, J2-8<sup>th</sup>
- 405 To isolate the TM-3 in WAP-4 loco (without RB), HMCS-1 has to be placed in ..... position and ..... bit to be packed on –ve side of TM. ( D )  
A 4, J1-12th B 4, J1-10th  
C 4, J2-6th D **4, J1-6th**
- 406 To isolate the TM-4 in WAP-4 loco (With RB), HMCS-2 has to be placed in .....position and ..... bit to be packed on –ve side of TM. ( B )  
A 2, J2-6th B **2, J2-8th**  
C 1, J2-6th D 2, J1-8th
- 407 Location of IP mechanical valve with coc in crew friendly locos is..... ( C )  
A Cab-1 left side locker B Motor chest no.1  
C **Pneumatic panel** D Motor chest no.2
- 408 In WAG-5 loco during RB application, if there is earth fault in TM-6 field .....relay will act. ( A )  
A **QOP-1** B QOP-2  
C QRSI-1 D QE
- 409 After moving MP to 'P' position, .....contactor closes. ( B )  
A C-107 B **C-145**  
C C-118 D C-111
- 410 ..... relay will act when banding failure takes place in TM-1. ( C )  
A QRSI B QLM  
C **QOP-1** D QOP-2
- 411 If banding failure takes place clear the section with not exceeding..... Kmph of restricted speed. ( D )  
A 40 B 25  
C 10 D **15**
- 412 ATFEX comes into service after closing ..... contactor. ( C )

- |  |         |                |  |
|--|---------|----------------|--|
|  | A C-108 | B C-118        |  |
|  | C CTF-3 | <b>D C-145</b> |  |
- 413 .....number of shunting contactors provided in WAG-5 or WAG-7 locos. ( D )
- |      |             |
|------|-------------|
| A 24 | B 16        |
| C 22 | <b>D 18</b> |
- 414 ..... relay is called traction power circuit-1 earth fault protection relay. ( B )
- |         |                |
|---------|----------------|
| A QOP-2 | <b>B QOP-1</b> |
| C QOA   | D QRSI-1       |
- 415 RPS resistances are cooled by .....motor. ( C )
- |               |          |
|---------------|----------|
| A MVSI-1      | B MVSL-1 |
| <b>C MVRH</b> | D MVMT-1 |
- 416 RB should not be used if .....relay is wedged in energized condition. ( D )
- |       |              |
|-------|--------------|
| A Q44 | B Q118       |
| C Q51 | <b>D Q50</b> |
- 417 During RB, MVRF motor gets feed from ..... TM. ( A )
- |               |        |
|---------------|--------|
| <b>A TM-1</b> | B TM-2 |
| C TM-4        | D TM-6 |
- 418 To isolate the TM-1 in WAG-5 loco, HMCS-1 has to be placed in ..... position and ..... bit to be packed on –ve side of TM. ( B )
- |             |                    |
|-------------|--------------------|
| A 2, J1-6th | <b>B 2, J1-8th</b> |
| C 2, J2-8th | D 3, J1-8th        |

### G & SR/ Accident Manual

- 1 Approved special instructions are issued or approved by \_\_\_\_\_ (C)  
(A) COM (B) DRM (C) **CRS** (D) Sr DOM
- 2 Special instructions are issued by \_\_\_\_\_ (A)  
(A) **Authorized Officer** (B) Controlling officer  
(C) Supervisor in charge (D) All the above
- 3 \_\_\_\_\_ is the authorized officer of South Central Railway. (B)  
(A) CRS (B) **COM** (C) DRM (D) CSO
- 4 \_\_\_\_\_ is the normal authority to proceed on Single Line token/token less sections. (C)  
(A) Starting Memo (B) T/409  
(C) **Token/off aspect of LSS** (D) None
- 5 On Double line or on Single Line when block instrument is defective  
\_\_\_\_\_ is given as ATP for the LP. (D)  
(A) T/A 912 (B) T/511  
(C) T/512 (D) **T/C-D 1425**
- 6 Block stations under Absolute Block System are sub-classified as \_\_\_\_\_ (C)  
\_\_\_\_\_, \_\_\_\_\_ & \_\_\_\_\_.  
(A) Flag , Crossing, Non-Crossing ,Run Through  
(B) Reporting, Non Reporting, Classified, Unclassified  
(C) **Class A,B,C&D**  
(D) All of the above
- 7 BOL in TAS and MAS is \_\_\_\_\_ and \_\_\_\_\_ meters, (B)  
which shall be reckoned from \_\_\_\_\_.  
(A) 200-180-LSS (B) **400 -180-FSS**  
(C) 120-120-LSS (D) 200-180 -FSS
- 8 SOL in TAS and MAS is \_\_\_\_\_ and \_\_\_\_\_ meters. (C)  
(A) 120-120 (B) 400-180 (C) **180-120** (D) 180-180
- 9 SOL is measured on Single Line from \_\_\_\_\_ and on Double Line from \_\_\_\_\_. (A)  
(A) **Trailing Points-Shunting Limit Board** (B) BSLB-SLB  
(C) Trailing Points -BSLB (D) LB-PB
- 10 The distance from Home signal to BSLB shall not be less than \_\_\_\_meters. (A)  
(A) **180** (B) 120 (C) 400 (D) 580
- 11 At Standard-I (R) interlocking station the maximum speed (B)  
permitted for the train on ML is not more than \_\_\_\_\_ kmph.  
(A) 15 (B) **50** (C) 75 (D) MPS
- 12 At Standard-III (R) interlocking station the maximum speed (C)  
permitted for the train on ML is above \_\_\_\_\_ kmph.  
(A) 15 (B) 50 (C) **140** (D) MPS
- 13 The maximum speed permitted on loop line is \_\_\_\_\_ kmph. (B)  
(A) 15/25 (B) **15/30** (C) 8/10 (D) 10/15
- 14 Isolation is necessary where the trains are permitted to go above (B)  
\_\_\_\_\_ kmph at a station.  
(A) 15 (B) **50** (C) 75 (D) MPS
- 15 \_\_\_\_\_ is the best positive method of isolation. (D)  
(A) Cut Point (B) Catch Siding  
(C) Slip Siding (D) **Sand Hump**

- 16 Point indicator, wherever available shall show \_\_\_\_\_ during day (B)  
and \_\_\_\_\_ light during night when point is set for Main line .  
(A) Red Target-Red (B) **White Target-White light**  
(C) Green Target-Green (D) No Target-Green
- 17 Point indicator, wherever available shall show \_\_\_\_\_ during day (D)  
and \_\_\_\_\_ light during night when point is set for Loop line.  
(A) White Target-White (B) Green Target – Green light  
(C) No Target – White (D) **No Target - Green**
- 18 When Trap indicator is provided, it shall show \_\_\_\_\_ during day (B)  
and \_\_\_\_\_ light during when it is in open position.  
(A) White Disc - White (B) **Red Disc - Red light**  
(C) No Target – White (D) None of the above
- 19 Station limits are available between \_\_\_\_\_ signals at a Block Station (B)  
(A) Inner Most (B) **Outer Most** (C) Home (D) LSS
- 20 At Class „D“ station, station limits are available between \_\_\_\_\_ (A)  
(A) **Platform Ends** (B) BSLB (C) Fog Signal Posts (D) FSS
- 21 On Double line, class „B“ station two aspect signalling, station section (B)  
lies between \_\_\_\_\_ signal to \_\_\_\_\_ signal in either direction.  
(A) Home - Starter (B) **Home - LSS** (C) Distant - LSS (D) Distant-Home
- 22 On Double line class “B” station Multiple Aspect Signalling station section lies (C)  
between \_\_\_\_\_ to \_\_\_\_\_ signal in either direction.  
A) SLB-LSS (B) Home-LSS (C) **BSLB-LSS** (D) BSLB-HOME
- 23 Station Section is available only at \_\_\_\_\_ Station. (B)  
(A) CLASS A (B) **CLASS B** (C) CLASS C (D) CLASS
- 24 Sub-Rules are framed by \_\_\_\_\_. (A)  
(A) **Authorized Officer** (B) Reporting Officer  
(C) Competent Authority (D) DRM
- 25 General Rules can be amended by (A)  
(A) **Railway Board** (B) Railway Tribunal  
(C) Joint consultant machinery (D) GM
- 26 South Central Railway is divided into \_\_\_\_\_ Zones for the (A)  
purpose of Weather Warning.  
(A) **8** (B) 7 (C) 9 (D) 1
- 27 Heavy winds above \_\_\_\_\_ kmph is considered as (A)  
dangerous for running trains..  
(A) **65** (B) 45 (C) 30 (D) 25
- 28 Rainfall above \_\_\_\_\_ cross in 24 hours is considered as (A)  
dangerous for running trains.  
(A) **5CM** (B) 6 CM (C) 7CM (D) 8CM
- 29 When there is severe storm endangering the safety of passenger (C)  
trains, SM shall not \_\_\_\_\_ or \_\_\_\_\_.  
(A) Exchange of all right signal (B) Take OFF LSS or Take off Starter  
(C) **Grant LC or Give LC** (D) None of the above
- 30 If train parting is observed by any Railway Servant \_\_\_\_\_ (B)  
signal should not be exhibited.  
(A) Right (B) **Danger** (C) No (D) None

- 31 At non-interlocked station, speed of the trains on main line shall not exceed \_\_\_\_\_ kmph. (A)  
**(A)15** (B)20 (C)35 (D) 45
- 32 Block forward and Block back is permitted only on \_\_\_\_\_. (B)  
 (A)Single Line **(B) Double Line**  
 (C) Triple Line (D) None
- 33 Axle counters and track circuits are treated as authorized \_\_\_\_\_. (A)  
**(A)Means of Communication** (B) Means of Knowledge  
 (C)Means of Transportation (D) None
- 34 A train, which has started under an ATP and has not completed its journey, is called \_\_\_\_\_. (C)  
 (A)SOL (B) POL **(C) TOL** (D) None
- 35 A fixed stop signal of a station controlling the entry of trains into next block section is called \_\_\_\_\_. (C)  
 (A) FSS (B) STARTER **(C) LSS** (D) None
- 36 Signals used for controlling movement of trains as per G & SR are \_\_\_\_\_ and \_\_\_\_\_. (A)  
**(A)Fixed, Hand, Detonating, Flare** (B) FSS, HOME, LSS  
 (C)Shunt Signals and Calling ON (D) None
- 37 An independent Warner signal will have a \_\_\_\_\_ light above the signal at a distance of \_\_\_\_\_. (B)  
 (A) 1.2 MTS **(B) 1.5MTS** (C) 2.0 MTS (D) 1.0 MTS
- 38 In double distant territory if ID showing proceed aspect indicates \_\_\_\_\_. (A)  
**(A)Next Block section is clear and passing through station mainline**  
 (B)Station Section is clear (C) Main Line Occupied (D) None
- 39 At a class „B“ station, Warner signal is required only when the speeds of trains exceeds \_\_\_\_\_ kmph. (D)  
 (A) 40 (B) 25 (C) 15 **(D) 50**
- 40 In colour light area distant signals are identified by \_\_\_\_\_. (D)  
 (A)S-Marker (B) T marker (C) G marker **(D) P marker**
- 41 Distant signal tells about the aspect of \_\_\_\_\_ signal ahead. (A)  
**(A)STOP** (B) PROCEDE (C) ATTENTION (D) DANGER
- 42 In semaphore distant signal, the distant between two yellow lights in “attention” aspect is \_\_\_\_\_. (A)  
**(A) 1.5 METERS** (B) 2.0METERS  
 (C) 3.0 METERS (D) 4.5 METERS
- 43 Distant signal location is \_\_\_\_\_ meters before the stop signal. (A)  
**(A)Not less than 1000 meters** (B) not less than 500 meters  
 (C)Not less than 200 meters (D) Not less than 1500 meters
- 44 Wherever double distant signal is provided, distant signal location is \_\_\_\_\_ meters before the stop signal. (A)  
**(A)Not less than 2000 meters** (B) not less than 500 meters  
 (C)Not less than 200 meters (D) Not less than 1500 meters
- 45 The normal aspect of distant signal on double distant signal area is \_\_\_\_\_ aspect. (B)  
 (A) Caution **(B) Attention** (C) Danger (D) Proceed
- 46 \_\_\_\_\_ is not required wherever double distant signal is provided. (A)  
**(A)Signal warning board** (B) Outer (C) Distant (D) LSS

- 47 When colour light distant is combined with Gate / LSS, the normal aspect of that signal is \_\_\_\_\_. (B)  
(A) Proceed (B) **Danger** (C) Caution (D) Attention
- 48 Outer signal is available only at \_\_\_\_\_ station with \_\_\_\_\_ type of signals (B)  
(A) Class A-MAS (B) **Class B-TAS** (C) Class D-MAS (D) Class C-TAS
- 49 At a class „B“ station, Single line with MAS, the distance from home signal to outermost facing point shall be not less than \_\_\_\_\_ meters. (A)  
(A) **300** (B) 200 (C) 500 (D) 180
- 50 In MAS, a single arm home signal is sufficient (common Home) as long as the train speed does not exceed \_\_\_\_\_ kmph. (C)  
(A) 50 (B) 65 (C) **75** (D) 15
- 51 Starter signal protects \_\_\_\_\_. (B)  
(A) Facing Points (B) **Trailing Points** (C) Block Section (D) Station section
- 52 Advanced Starter signal protects \_\_\_\_\_. (B)  
(A) Station section (B) **Block section** (C) Signalling section (D) None
- 53 To start a train from a station having common starter, the LP shall be given \_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_. (A)  
(A) **T/ 512, ATP, PHS** (B) T/511, ATP, PHS  
(C) T/409, ATP, PHS (D) T/369 3(b), ATP, PHS
- 54 Emergency telephone point is located at every \_\_\_\_\_ meters in OHE area. (A)  
(A) **1000** (B) 1500 (C) 900 (D) 1600
- 55 General target time for turning out MRV with direct /indirect despatch facility is \_\_\_\_\_ minutes. (B)  
A) 30/45 (B) **15/20** (C) 20/15 (D) 5/10
- 56 Accidents are classified into ----- categories and they are (C)  
A) 2 (B) 3 (C) **5** (D) 4
- 57 General target time for turning out ART during day / night is \_\_\_\_\_ minutes. (A)  
(A) **30/45** (B) 15/20 (C) 20/15 (D) 5/10
- 58 Except \_\_\_\_\_ signal, the calling ON signal can be placed below any stop signal. (B)  
(A) FSS (B) **LSS** (C) Starter (D) Calling on
- 59 Except \_\_\_\_\_ signal, shunt signal can be placed below any stop signal. (A)  
(A) **FSS** (B) LSS (C) Starter (D) Calling on
- 60 Calling ON signal will show \_\_\_\_\_ light in “ON” position. (D)  
(A) Red (B) Green (C) White (D) **No**
- 61 Calling ON signal is to be used only on two occasions, they are \_\_\_\_\_ and \_\_\_\_\_. (A)  
(A) **Signal is defective, Line is occupied** (B) Point failure, on inter locking working  
(C) Derailments, accidents (D) None of the above
- 62 Signal sighting committee comprises of \_\_\_\_\_, \_\_\_\_\_, and \_\_\_\_\_. (B)  
(A) TI, LI, PWI (B) **LI, SI, TI** (C) LI, PWI, SI (D) SS, LI, TI
- 63 Signal sighting committee will go on footplate inspection once in \_\_\_\_\_ months. (A)  
(A) **3** (B) 2 (C) 4 (D) 5
- 64 Calling ON signal cannot be taken “OFF” during \_\_\_\_\_ failure. (C)  
(A) Signal (B) Track (C) **Point** (D) Block instruments
- 65 Shunt signal below starter will show \_\_\_\_\_ light in “ON” position. (D)  
(A) Red (B) Green (C) White (D) **No**
- 66 Shunt signal protects \_\_\_\_\_. (A)  
(A) **Points** (B) Track (C) Signal (D) None

- 67 Independent shunt signal or shunt below stop signal when defective (A)  
 \_\_\_\_\_ is the authority to pass at "ON" for LP.  
**(A) T/369 3(b)+PHS** (B) T/409 (C) T/512 (D) T/511
- 68 Shunt signal is of \_\_\_\_\_ types, and they are \_\_\_\_\_ and \_\_\_\_\_ (B)  
 (A) 2, Colour Light, semaphore **(B) 3, Miniature Arm, Disk, Position**  
 (C) 1, colour light (D) none of the above
- 69 \_\_\_\_\_ Type of shunt signals are provided only in colour light area. (A)  
**(A) Position** (B) Disk (C) Miniature arm (D) All the above
- 70 Detailed working instructions about Shunting Permitted Indicator (A)  
 are available in \_\_\_\_\_.  
**(A) SWR** (B) TSR (C) CO (D) None
- 71 When Shunting Permitted Indicator is defective, \_\_\_\_\_ is the (A)  
 authority for the LP.  
**(A) T/369 3(b)+PHS** (B) T/409 (C) T/512 (D) PHS
- 72 Co-acting signals are also known as \_\_\_\_\_ signals. (A)  
**(A) Duplicating** (B) Repeating (C) Calling on (D) All of the above
- 73 \_\_\_\_\_ type of signal will not show any light in any position at any time. (A)  
**(A) Banner type repeating** (B) Calling ON  
 (C) Co acting (D) All the above
- 74 When LP finds that the repeating signals in any way defective, (C)  
 he shall report the matter to \_\_\_\_\_.  
 (A) Next reporting station (B) Rear Station  
**(C) Next Stopping Station** (D) Crew Lobby
- 75 At the end of semaphore arm having a black ring denotes, that (A)  
 signal is for \_\_\_\_\_.  
**(A) Goods lines** (B) Passenger Lines (C) Loop lines (D) None
- 76 IB signal is identified by \_\_\_\_\_ (C)  
 (A) ID Marker (B) P marker **(C) IB Marker** (D) C Marker
- 77 IB signal will have \_\_\_\_\_ facility. (A)  
**(A) Phone Facility** (B) Calling ON (C) Axle counter (D) All the above
- 78 Gate signal is identified by \_\_\_\_\_. (A)  
**(A) G Marker** (B) P marker (C) IB Marker (D) ID Marker
- 79 Route indicators are treated as \_\_\_\_\_. (B)  
 (A) Permissive **(B) Stop Signals** (C) Duplicating (D) Repeating
- 80 Route indicators are of \_\_\_\_\_ types and they are (a) \_\_\_\_\_, (b) \_\_\_\_\_, (c) \_\_\_\_\_. (A)  
**(A) 3, multiple, stencil, Junction** (B) 2, colour light, semaphore  
 (C) All the above (D) none of the above
- 81 There are four types of Electric repeaters and they are (A)  
 (a) \_\_\_\_\_ (b) \_\_\_\_\_ (c) \_\_\_\_\_ (d) \_\_\_\_\_.  
**(A) Signal arm, Signal light, Miniature light, Light emitting diode type**  
 (B) Stencil, junction, multiple, Semaphore  
 (C) Reception, dispatch, admission, junction  
 (D) None of the above
- 82 The electrical repeaters of a departure signal when defective, the (B)  
 corresponding \_\_\_\_\_ shall also be treated as \_\_\_\_\_ immediately.  
 (A) Points -defective **(B) signal-defective**  
 (C) line-defective (D) track -defective

- 83 The backlight of the signal is visible only in \_\_\_\_\_ position. (A)  
**(A) ON** (B) OFF (C) Defective (D) working
- 84 Shunting limit board is provided at \_\_\_\_\_. (A)  
**(A) Class-B** (B) Class-A (C) Class-C (D) Class-D
- 85 Block Section Limit Board is provided at \_\_\_\_\_ station with \_\_\_\_\_ (B)  
 signals where the first point is a trailing point or where there are \_\_\_\_\_.  
 (A) Class B, TAS, No signals **(B) Class B, MAS, No points**  
 (C) Class A, TAS, No signals (D) none of the above
- 86 Outlying siding points are identified by \_\_\_\_\_ mark board. (B)  
 (A) P **(B) S** (C) IB (D) G
- 87 Detailed working instructions about outlying siding are incorporated in \_\_\_\_\_. (A)  
**(A) SWR** (B) TSR (C) PNR (D) None of the above
- 88 A signal which is taken "OFF" for a train will be put to "ON" position only to (B)  
 \_\_\_\_\_ or when information about engine failure is received.  
 (A) Issue emergency caution order **(B) Avert accident**  
 (C) give precedence to other train (D) none of the above
- 89 Home signal lever / switch will be normalized after the passage of \_\_\_\_\_. (C)  
 (A) Goods train (B) Passenger Train **(C) Whole train** (D) none of the above
- 90 The reception stop signal shall be tested by SM \_\_\_\_ and pass the remarks in \_\_\_\_\_. (C)  
 (A) Monthly, SWR (B) Weekly, SWR  
**(C) Daily, Station Dairy** (D) All the above
- 91 Whenever signal inspector is testing the signal, the remark shall be recorded \_\_\_\_\_. (C)  
 (A) SWR (B) SR **(C) Station Diary** (D) All the above
- 92 \_\_\_\_\_ No. of detonators shall be placed at a distance of \_\_\_\_\_ meters (B)  
 from the \_\_\_\_\_ in Automatic Block System to stop a train "Out of Course".  
 (A) 3,120 **(B) 2,180** (C) 1,120 (D) none of the above
- 93 Normal setting of points is for \_\_\_\_\_. (A)  
**(A) Main Line** (B) Loop Line (C) common loop (D) Branch line
- 94 On single line, immediately after the arrival of a stopping train, the (A)  
 in \_\_\_\_\_ and in \_\_\_\_\_ shall be set against the \_\_\_\_\_.  
**(A) front, rear, line train occupied** (B) front, rear, loop line  
 (C) Front, rear, mainline (D) none of the above
- 95 On double line after the arrival the stopping train, the point's \_\_\_\_\_ will (C)  
 be set against the \_\_\_\_\_.  
 (A) Front, rear, mainline (B) front, rear, loop line  
**(C) Rear, line train occupied** (D) none of the above
- 96 When all the lines at a station are blocked by passenger carrying trains, and (A)  
 still line clear is granted for a train, the points shall be set for \_\_\_\_\_.  
**(A) Turnout preferably express** (B) turnout preferably passenger  
 (C) Turnout preferably engine fouling (D) none of the above
- 97 To receive a stopping train on loop line having sand hump or (B)  
 buffer stop, the points must be set for \_\_\_\_\_ only.  
 (A) Main line **(B) sand hump** (C) None of the above (D) A & B
- 98 \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_ signals (C)  
 are prohibited to be used for shunting purpose.  
 (A) Calling ON, Starter and LSS (B) Calling ON, Home and Starter  
**(C) LSS, Home and Outer** (D) None of the above

- 99 When \_\_\_\_\_ glass roundel is broken in semaphore stop signal, the signal is treated as defective during \_\_\_\_\_ only. (B)  
 (A) Green-Night (B) **Red-Night** (C) Red- Day (D) Green-Day
- 100 During power block \_\_\_\_\_ trains are only permitted to run. (D)  
 (A) Passenger (B) Goods (C) Sub-Urban (D) **Diesel**
- 101 Catch siding is intended to protect \_\_\_\_\_. (C)  
 (A) Block section (B) Station limits (C) **Station section** (D) none of the above
- 102 Slip siding is intended to protect \_\_\_\_\_. (A)  
 (A) **Block section** (B) Station limits (C) Station section (D) none of the above
- 103 When there is a falling gradient of \_\_\_\_\_ towards station section the provision of catch siding is compulsory. (B)  
 (A) 1 IN 100 (B) **1 IN 80** (C) 1 IN 200 (D) 1 IN 150
- 104 When there is a falling gradient of \_\_\_\_\_ towards block section the provision of slip siding is compulsory. (A)  
 (A) **1 IN 100** (B) 1 IN 80 (C) 1 IN 200 (D) 1 IN 150
- 105 Catch / Slip siding points key can be extracted from the block Instrument, only when the block instrument is in \_\_\_\_\_. (C)  
 (A) Open position (B) Locked position (C) **Closed position** (D) none of the above
- 106 Normal setting of points wherever catch / slip sidings are provided is for \_\_\_\_\_. (C)  
 (A) Main line (B) Loop line (C) **Catch/Slip sidings** (D) none of the above
- 107 Catch siding length shall be suitable to \_\_\_\_\_. (B)  
 (A) Shortest Train in section (B) **Longest Train in section** (C) None of the above (D) A & B
- 108 Catch and Slip siding not be used for \_\_\_\_\_ and \_\_\_\_\_ purposes. (A)  
 (A) **Stabling-Shunting** (B) passenger-express (C) Goods-passenger (D) none of the above
- 109 Whenever points / signals / block instrument is disconnected by SI/ ESM, SM shall ensure that \_\_\_\_\_ is by SI / ESM. (B)  
 (A) Reconnection notice (B) **Disconnection notice** (C) None of the above (D) A & B
- 110 SM shall inform cabin man / CASM / SWM under exchange of \_\_\_\_\_ whenever the points / signals / block instrument is disconnected. (C)  
 (A) TN (B) PC (C) **PN** (D) none of the above
- 111 When the disconnected signal / point is reconnected, SM shall test \_\_\_\_\_. (B)  
 (A) Twice (B) **Thrice** (C) Once (D) none of the above
- 112 From the time of disconnection to reconnection, the trains shall be admitted by \_\_\_\_\_ method. (A)  
 (A) **Piloting** (B) Taking of reception signals (C) A & B (D) none of the above
- 113 A green flag by day and a white light by night moved vertically as high and as low as possible indicate \_\_\_\_\_. (B)  
 (A) Train stalling (B) **Train parting** (C) Shunting (D) none of the above
- 114 Violently waving a white light horizontally across the body of a person indicates \_\_\_\_\_. (C)  
 (A) Proceed (B) go slowly (C) **Stop dead** (D) none of the above

- 115 Detonators are known as \_\_\_\_\_. (A)  
**(A) Audible signals** (B) Visible signals  
 (C) Fixed signals (D) none of the above
- 116 VTP is painted \_\_\_\_\_ alternatively. (D)  
 (A) White & green (B) White & green  
 (C) Red & green **(D) white & yellow**
- 117 FSP is painted \_\_\_\_\_ alternatively. (A)  
**(A) White & black** (B) White & green  
 (C) Red & green (D) white & yellow
- 118 VTP is located at \_\_\_\_\_ meters from either side of \_\_\_\_\_. (A)  
**(A) 180-station building** (B) 180-outer most facing points  
 (C) 270-station building (D) 270-outer most signals
- 119 FSP is located at \_\_\_\_\_ meters from \_\_\_\_\_ signal. (D)  
 (A) 180-station building (B) 180-outer most facing points  
 (C) 270-station building **(D) 270-from FSS**
- 120 Give one example of indicative accident \_\_\_\_\_. (B)  
 (A) Loss of human life **(B) Passing signal at ON**  
 (C) Collision (D) Fire on Train
- 121 When pre-warning is given about foggy weather by SM in rear, the caution order contains the restriction of \_\_\_\_\_ kmph to be observed after passing \_\_\_\_\_. (B)  
 (A) 25 -facing points **(B) 10-outer most signals**  
 (C) 60-Home (D) 15- Home
- 122 When LP observes foggy weather in the block section, a speed restriction of \_\_\_\_\_ kmph in Absolute Block System. (A)  
**(A) 60 - 30** (B) 45 – 25 (C) 30 - 45 (D) none of the above
- 123 Normal life of a detonator is \_\_\_\_\_. (B)  
 (A) 10 years **(B) 5 years** (C) 12 years (D) 15 years
- 124 Testing of detonator shall be done by moving an empty wagon at a speed of \_\_\_\_\_ kmph. (D)  
 (A) 10 (B) 12 (C) 15 **(D) 8**
- 125 After testing the detonator, the life can be increased for one year subject to a maximum of \_\_\_\_\_ extensions. (C)  
 (A) 4 (B) 5 **(C) Unlimited after testing every year** (D) 7
- 126 After rear SLR \_\_\_\_\_ coaches can be attached (B)  
 excluding one inspection carriage other than Londa-Vasco section.  
 (A) 3 **(B) 2** (C) 1 (D) 4
- 127 Fog signalman shall remain at FSP for a period of \_\_\_\_\_ hours on Main line section. (C)  
 (A) 4 (B) 5 **(C) 3** (D) 10
- 128 For signal men's assurance will be taken in \_\_\_\_\_ register by SM (C)  
 (A) SWR (B) TN **(C) Station Dairy** (D) none of the above
- 129 The knowledge of the staff that is required to use detonators shall be tested by the testing officials once in \_\_\_\_\_. (A)  
**(A) 3 months** (B) 4 months (C) 5 months (D) 6 months
- 130 \_\_\_\_\_ shall prescribe the No. of detonators which shall be kept in stock at a station. (B)  
 (A) TSR **(B) SWR** (C) TN (D) PN

- 131 If the night petrol man does not turn up even after \_\_\_\_\_ minutes (A)  
beyond the schedule arrival time, SM shall stop all the trains and issue  
caution order restricting the speed to \_\_\_\_\_ kmph.  
(A) **15,40** (B) 15,25 (C) 20,15 (D) 30,45
- 132 "Danger zone" means the zone lying within \_\_\_\_\_ meters of any live equipment. (A)  
(A) **2.0** (B) 2.5 (C) 1.5 (D) 3.0
- 133 Dead engine must be manned minimum by \_\_\_\_\_ rank employee. (B)  
(A) LP (B) **ALP** (C) Guard (D) SS
- 134 Whenever a signal which is detecting a point becomes defective, (B)  
these points are treated as \_\_\_\_\_.  
(A) Working (B) **defective** (C) clamped (D) padlocked
- 135 Whenever a signal/point/block instrument is defective, SM shall make (C)  
an entry in \_\_\_\_\_.  
(A) SWR (B) PN (C) **TSR** (D) TN
- 136 Pre-warning about defective reception signal is not required when there (B)  
is \_\_\_\_\_ signal provision or when \_\_\_\_\_ is provided.  
(A) Repeating - clamping (B) **Calling ON - telephone**  
(C) Co acting - VHF (D) none of the above
- 137 Pre-warning, when given it will be given in \_\_\_\_\_ authority. (A)  
(A) **T/369(1)** (B) T/369 3(b) (C) T/512 (D) T/511
- 138 When Home is defective and pre-warning is given, the train shall (D)  
admitted by \_\_\_\_\_.  
(A) Taking off Calling ON (B) taking off Shunt signal  
(C) Taking of Co acting signal (D) **Piloting**
- 139 When train is received on Calling-ON, in podanur panel, Calling- ON (B)  
cancellation takes \_\_\_\_\_ seconds.  
(A) 220 (B) **240** (C) 150 (D) 120
- 140 When LP passes starter at "ON" partly and stopped before Advanced (A)  
starter subsequently line clear is taken. \_\_\_\_\_ will be given  
(A) **PLCT & T/369 3(b)** (B) taking off LSS  
(C) Taking of Co acting signal (D) none of the above
- 141 When LP finds a reception stop signal in semaphore area in (C)  
" OFF" condition without light, he shall observe \_\_\_\_\_.  
(A) Night aspect (B) taking off Shunt signal  
(C) **Day aspect** (D) none of the above
- 142 When Warner / Distant failed in "OFF" position, SM shall arrange to depute (D)  
one competent railway Servant to show \_\_\_\_\_ from the defective signal.  
(A) PLCT (B) taking off Shunt signal  
(C) Taking of Co acting signal (D) **PHS**
- 143 When IBS is defective \_\_\_\_\_ is the authority to start the train. (A)  
(A) **PLCT + T/369 3(b)** (B) taking off LSS  
(C) Taking of Co acting signal (D) PHS
- 144 On DL when LSS is defective \_\_\_\_\_ is the authority to start a train. (A)  
(A) **PLCT** (B) taking off Shunt signal  
(C) Taking of Co acting signal (D) none of the above

- 145 When IBS is at "ON" and the telephone is out of order, LP after waiting for \_\_\_\_\_ minutes shall proceed at speed of \_\_\_\_\_ when view is clear / not clear up to next stop signal. (B)  
 (A) 10-10/8 KMPH (B) **5-15/8 KMPH**  
 (C) 25-25/8 KMPH (D) none of the above
- 146 When LP passes IBS in "OFF" position, \_\_\_\_\_ indication will appear after which block instrument is to be put in \_\_\_\_\_ position. (B)  
 (A) K1-SOL (B) **K2-TOL**  
 (C) K3-POL (D) none of the above
- 147 Whenever axle counter of IBS is functioning improperly, SM in rear with the co-operation of SM in advance shall operate \_\_\_\_\_ buttons to reset axle counter. (A)  
 (A) **PB2 in co-op PB3** (B) PB4 in co-op PB3  
 (C) A & B (D) none of the above
- 148 Wherever IBS is provided, LSS is interlocked with \_\_\_\_\_ and IBS is interlocked with \_\_\_\_\_. (B)  
 (A) FSS-LSS (B) **Axle counters-Block section**  
 (C) Calling on-co acting (D) none of the above
- 149 Whenever colour light signal is flickering / bobbing and does not pickup a steady aspect at least for \_\_\_\_\_ time, the signal shall be treated as defective. (A)  
 (A) **60 seconds** (B) 120 seconds (C) 180 seconds (D) none of the above
- 150 Signal warning board is located at a distance of \_\_\_\_\_ meters before a stop signal. (C)  
 (A) 1500 meters (B) 1200 meters (C) **1400 meters** (D) none of the above
- 151 After exploding the detonator, the LP shall proceed cautiously up to a distance of \_\_\_\_\_ and can pick-up normal speed if there is no obstruction beyond that distance. (B)  
 (A) 1.2 km (B) **1.5 km** (C) 2.0 km (D) none of the above
- 152 The LP and Guard will be given \_\_\_\_\_ No. of LR trips to work in Ghat area. (C)  
 (A) 3 (B) 2 (C) **6** (D) none of the above
- 153 Gate-cum-Distant signal will be located at a distance of \_\_\_\_\_ meters before the gate. (B)  
 (A) 120 (B) **180** (C) 240 (D) none of the above
- 154 "G" marker on a gate signal is eliminated when there is a \_\_\_\_\_ between Gate stop signal and gate. (B)  
 (A) Gate (B) **Bridge** (C) Points (D) none of the above
- 155 When there is no response from Gateman, the SM shall stop the train and issue \_\_\_\_\_. (A)  
 (A) **C.O to observe gate rules** (B) PLCT  
 (C) Written memo (D) none of the above
- 156 TI/SM/PWI shall test detonators once in \_\_\_\_\_. (B)  
 (A) four months (B) **three months** (C) one month (D) none of the above
- 157 The speed of train on 1 in 8 1/2 turnout is \_\_\_\_\_ kmph. (B)  
 (A) 8 (B) **10** (C) 15 (D) none of the above
- 158 The speed of goods train while entering goods terminal yard is restricted to \_\_\_\_\_ kmph. (B)  
 (A) 8 (B) **10** (C) 15 (D) none of the above
- 159 When a signal is newly erected or shifted, it shall be jointly inspected by \_\_\_\_\_. (A)  
 (A) SI, TI & LI (B) PWI, TI & SI (C) PWI, TI & LI (D) none of the above

- 160 When a signal is newly erected or shifted, caution order shall be given for a period of \_\_\_\_\_ days. (B)  
 (A) 8 (B) **90** (C) 15 (D) none of the above
- 161 Colour light repeating signal is identified by \_\_\_\_\_. (C)  
 (A) A Marker (B) S Marker (C) **illuminated R marker** (D) none
- 162 In Co-acting signal, the top one is known as main arm and the bottom one(C) is known as \_\_\_\_\_ arm.  
 (A) Calling on (B) duplicating (C) **Co acting** (D) none
- 163 When IB distant fails in "OFF" position \_\_\_\_\_ is the authority (A) for trains before dispatching.  
 (A) **PLCT+T/369.3(b)** (B) taking off Shunt signal  
 (C) Taking of Co acting signal (D) none of the above
- 164 When IBS is at "ON" the LP shall stop the train at IB and contact \_\_\_\_\_ by (B) IB Phone.  
 (A) Front station master (B) **rear station master**  
 (C) Guard of the train (D) none of the above
- 165 Inner Distant signal is identified by \_\_\_\_\_. (A)  
 (A) **ID Marker** (B) IB marker (C) P marker (D) none
- 166 Semaphore distant is painted \_\_\_\_\_ and the end of the arm is \_\_\_\_\_. (B)  
 (A) white-cross tail (B) **yellow- fish tail**  
 (C) green-rectangular (D) none of the above
- 167 Station Warner's "OFF" aspect is interlocked with \_\_\_\_\_. (C)  
 (A) FSS (B) Shunt signal (C) **LSS** (D) none of the above
- 168 At station where there is common Home or at station where there are no (A) starters, \_\_\_\_\_ is required.  
 (A) **Point indicators** (B) Shunt signals  
 (C) Co acting signals (D) none of the above
- 169 At a class "C" station on DL when home signal is defective \_\_\_\_\_ is the (C) authority to pass at "ON" position.  
 (A) Calling on signal (B) taking off Shunt signal  
 (C) **PLCT** (D) none of the above
- 170 ODC shall be allowed to be attached by a train for transport only (A) with the prior sanction of \_\_\_\_\_.  
 (A) **COM/CRS** (B) DRM/DOM (C) DME/DEE (D) none of the above
- 171 Speed of a class "C" ODC by day shall be \_\_\_\_\_ kmph. (A)  
 (A) **25/15** (B) 45/30 (C) 20/10 (D) 75/15
- 172 When class "C" ODC is attached by a train \_\_\_\_\_, \_\_\_\_\_ and \_\_\_\_\_ (B) shall proceed as a escort.  
 (A) SLI,TI,SI (B) **TXR,TI,PWI** (C) PA,LI,STENO (D) none
- 173 ODC wagon trains shall as far as possible be received on-----line (B)  
 (A) Loop Line (B) **Main Line** (C) Common Loop (D) none
- 174 Speed of class „B" ODC on BG shall not exceed \_\_\_\_\_ kmph. (A)  
 (A) **40** (B) 25 (C) 15 (D) none of the above
- 175 Engine pushing is not permitted without the prior permission of ----- (C)  
 (A) Guard (B) LI (C) **Rear Station Master** (D) none

- 176 When engine pushing a train and guard is travelling in brake van, (B)  
which is leading, the speed shall not exceed \_\_\_\_\_ kmph, when guard is not  
travelling in leading vehicle, the speed shall not exceed \_\_\_\_\_ kmph.  
(A) 15/10 (B) **25/8** (C) 40/25 (D) none of the above
- 177 When engine pushing is permitted, reception shall be made on single line by \_\_\_\_ (A)  
**(A) Taking off signals** (B) Piloting (C) Hand signals (D) None of these
- 178 When head light is defective after putting marker light the train can go with (A)  
a restricted speed of \_\_\_\_\_ kmph.  
**(A) 40** (B) 25 (C) 15 (D) none of the above
- 179 Side lights are dispensed for \_\_\_\_\_ and \_\_\_\_\_ train. (C)  
(A) mail, express (B) passenger, express  
**(C) sub-urban, goods** (D) none of the above
- 180 An engine exclusively deployed for shunting purpose shall put on (B)  
\_\_\_\_\_ colour marker lights on both sides.  
(A) Yellow (B) **Red** (C) No light (D) none of the above
- 181 Light engines or coupled light engines shall have \_\_\_\_\_ (C)  
(A) BV (B) CBC **(C) LV Board** (D) none of the above
- 182 When leading compartment of electric engine is defective and the train is (B)  
driven from trailing cab by Asst LP, the speed shall not exceed \_\_\_\_\_ kmph.  
(A) 50 (B) **40** (C) 25 (D) none of the above
- 183 When leading compartment of electric engine is defective and the train (C)  
is driven from trailing cab by LP, the speed shall not exceed \_\_\_\_\_ kmph.  
(A) 50 (B) 40 **(C) 15** (D) none of the above
- 184 In emergency a goods train without brake van or without guard is (A)  
ordered by \_\_\_\_\_.  
**(A) Sr DOM** (B) COM (C) CEE (D) none of the above
- 185 Running of goods train without brake van or without guard is strictly (B)  
prohibited during \_\_\_\_\_.  
(A) TSL (B) **TIC** (C) WINTER (D) none of the above
- 186 Goods train without guard shall have last \_\_\_\_\_ brake cylinders in working (C)  
condition.  
(A) 5 (B) 7 **(C) 12** (D) none of the above
- 187 Running of train without guard is not permitted in \_\_\_\_ sections of Hubli division. (B)  
(A) 1 in 100 or steeper gradient **(B) Ghat**  
(C) Pilot (D) handicapped
- 188 When hot axle is reported by rear SM that train shall preferably be (B)  
admitted on \_\_\_\_\_ line.  
(A) Loop line **(B) Main line** (C) Common Loop (D) none
- 189 \_\_\_\_\_ Number of damaged vehicles are permitted to be attached (C)  
in rear of Brake van during \_\_\_\_\_ only.  
(A) 2- night (B) 1- night **(C) 1-day** (D) none
- 190 Fresh BPC is required whenever \_\_\_\_\_ No. and more vehicles are (C)  
attached or detached.  
(A) 25 FWU (B) 15 FWU **(C) 10 FWU** (D) none of the above
- 191 When non-CC rake train is stabled for more than \_\_\_\_\_ hours (B)  
fresh BPC is required.  
(A) 52 **(B) 24** (C) 12 (D) none of the above

- 192 A goods train having 56 wagons, the BP pressure in engine shall be \_\_\_\_\_ and in BV \_\_\_\_\_. (A)  
**(A) 5.0 Kg./cm<sup>2</sup>-4.8 kg/cm<sup>2</sup>** (B) 5.2 Kg./cm<sup>2</sup>-5.0 kg/cm<sup>2</sup>  
 (C) 5.3 Kg./cm<sup>2</sup>-4.6 kg/cm<sup>2</sup> (D) none of the above
- 193 FP pressure in loco shall be \_\_\_\_\_ and in BV \_\_\_\_\_. (B)  
 (A) 6.2 kg/cm<sup>2</sup>-5.7 kg/cm<sup>2</sup> **(B) 6.0 kg/cm<sup>2</sup>-5.8 kg/cm<sup>2</sup>**  
 (C) 6.1 kg/cm<sup>2</sup>-5.0 kg/cm<sup>2</sup> (D) none of the above
- 194 A goods train having 58 wagons. The BP pressure in loco shall be \_\_\_\_\_ and in BV \_\_\_\_\_. (A)  
**(A) 5.0 kg/cm<sup>2</sup>-4.7 kg/cm<sup>2</sup>** (B) 5.2 kg/cm<sup>2</sup>-5.0 kg/cm<sup>2</sup>  
 (C) 5.2 kg/cm<sup>2</sup>-5.1 kg/cm<sup>2</sup> (D) none of the above
- 195 All cut off angle cocks must be in \_\_\_\_\_ position except front side of loco and rear side of LV to ensure \_\_\_\_\_. (B)  
 (A) closed-open **(B) open-closed** (C) isolate-open (D) none of the above
- 196 Empty / Load handle shall be kept in load position when the gross load is above \_\_\_\_\_ tones. (C)  
 (A) 45.5 (B) 44.5 **(C) 42.5** (D) none of the above
- 197 DV isolating handle in vertical position indicates DV is in \_\_\_\_\_ position. (A)  
**(A) Working** (B) isolate (C) running (D) none of the above
- 198 DV isolating handle in horizontal position indicates DV is in \_\_\_\_\_ position. (B)  
 (A) Working **(B) isolate** (C) running (D) none of the above
- 199 Reduction in BP pressure causes \_\_\_\_\_. (C)  
 (A) Brake binding (B) wheel skidding **(C) Brake application** (D) none of the above
- 200 Creation of BP pressure causes \_\_\_\_\_. (A)  
**(A) Brake release** (B) wheel skidding (C) Brake binding (D) none of the above
- 201 All \_\_\_\_\_ trains shall have Twin Pipe working. (B)  
 (A) Goods **(B) Coaching** (C) siding (D) none of the above
- 202 Within station limits where gradient is steeper than 1 in 600, to detach the loco of goods train without BV \_\_\_\_\_ No. of wagons hand brakes are to be put ON. (B)  
 (A) 6 **(B) 12** (C) 18 (D) none of the above
- 203 To detach loco of a goods train having BOX N / BCN / BRH, etc., minimum \_\_\_\_\_ no. of vehicles hand brake are to be applied from both ends excluding BV. (B)  
 (A) 15 **(B) 10** (C) 5 (D) 12
- 204 When SM / Station staff does not exchange "all-right" signals, the LP shall give \_\_\_\_\_ engine whistle code. (C)  
 (A) Two long (B) two long, one short **(C) Two short** (D) none of the above
- 205 Even though FSS is in OFF position, still if a LP of an incoming train stops at FSS and gives - 0 - 0 engine whistle it indicates \_\_\_\_\_. (B)  
 (A) Train stalled **(B) Train arrived incomplete**  
 (C) Train running late (D) none of the above
- 206 Engine whistle code 0 0 - indicates \_\_\_\_\_. (C)  
 (A) Train arrived incomplete (B) Train stalled  
**(C) Less vacuum/Air pressure** (D) none of the above
- 207 When engine whistle fails on run, after clearing block section, the loco shall be attended or it shall be \_\_\_\_\_. (B)  
 (A) Worked further **(B) replaced**  
 (C) Removed (D) none of the above

- 208 AC SLR guard shall show all right signal to SM by \_\_\_\_\_ (A)  
**(A) Putting on /off side lights** (B) no exchange  
 (C) Showing green light (D) none of the above
- 209 In token less section SM shall arrange points man to show all right signals for a run through train from \_\_\_\_\_ side. (B)  
 (A) Station building side **(B) off side**  
 (C) No exchange (D) none of the above
- 210 When a train is held up at FSS for more than \_\_\_\_\_ minutes, (D)  
 the LP shall depute Asst LP to go to station.  
 (A) 10 (B) 12 (C) 15 **(D) 5**
- 211 While at a station, the LP is to obey \_\_\_\_\_ orders. (C)  
 (A) CLI (B) SM **(C) GUARD+SM** (D) none of the above
- 212 Normally, the material train shall be ordered by \_\_\_\_\_ time only. (B)  
 (A) Night **(B) Day** (C) summer (D) none of the above
- 213 Material train shall be ordered to work with the permission of ----- (C)  
 (A) DME (B) DSO **(C) DRM** (D) none of the above
- 214 The BPC of a material train with UIC Bogie, airbrake stock is valid for \_\_\_\_\_ days subject to examination of the train by TXR once in \_\_\_\_\_ days. (A)  
**(A) 30-15** (B) 15-5 (C) 25-10 (D) none of the above
- 215 The required brake power of material train shall not be less than ----- (C)  
 (A) 100% (B) 80% **(C) 90%** (D) none of the above
- 216 The required brake power of passenger carrying train shall be (A)  
 \_\_\_\_\_ and for a CC rake goods train shall be \_\_\_\_\_ at originating station.  
**(A) 100%-100%** (B) 85%-100% (C) 90%-50% (D) 100% - 85%
- 217 Whenever BPC is invalid or while clearing a stabled load, before starting \_\_\_\_\_ (C)  
 check shall be conducted for which \_\_\_\_\_ time is given for one four wheeler.  
 (A) Brake power-60 seconds (B) GDR- 150 Seconds  
**(C) GDR-30 seconds** (D) none of the above
- 218 While stabling a material train at a station, the responsibility lies with the \_\_\_\_\_ (B)  
 (A) LP **(B) SM/Guard** (C) Points man (D) none of the above
- 219 To dispatch the material train for working in the block section ATP under the (A)  
 system of working and \_\_\_\_\_ should be given.  
**(A) Memo counter signed by Guard** (B) Memo from PWI  
 (C) Memo from SS (D) none of the above
- 220 Dividing of material train in the block section where the gradient is steeper (C)  
 than \_\_\_\_\_ is prohibited.  
 (A) 1 IN 150 (B) 1 IN 200 **(C) 1 IN 100** (D) none
- 221 The maximum speed of TTM is \_\_\_\_\_ kmph. (B)  
 (A) 15 **(B) 40** (C) 25 (D) none of the above
- 222 TTM is permitted to work in the block section only during \_\_\_\_\_ (C)  
 (A) Day (B) Night **(C) Line block** (D) none of the above
- 223 NIL caution order form no. is \_\_\_\_\_. (A)  
**(A) T/A 409** (B) T/409 (C) T/512 (D) none of the above
- 224 Caution order form no. is \_\_\_\_\_. (A)  
**(A) T/ 409** (B) T/409 (C) T/512 (D) none of the above
- 225 All existing caution order shall be brought forwarded by SM on every \_\_\_\_\_ (B)  
 (A) Night **(B) Day** (C) mid night (D) none of the above

- 226 On completion of caution order book, it shall be preserved for a period of \_\_\_\_ (A)  
**(A) 12 months** (B) 15 months (C) 6 months (D) 18 months
- 227 As per G&SR control of shunting is done through -----,-----,----- and----- (C)  
 (A) detonating-flare signals (B) visible signals  
**(C) Fixed signals, hand signals, verbal instructions** (D) none of the above
- 228 For shunting purpose \_\_\_\_\_, \_\_\_\_\_ and \_\_\_\_\_ (B)  
 \_\_\_\_\_ signals are not to be used.  
 (A) starter, Warner, distant **(B) outer, home, LSS**  
 (C) Calling on, co-acting, distant (D) none of the above
- 229 While shunting wagons containing explosives, the supervision for shunting shall be done by \_\_\_\_\_. (B)  
 (A) Guard **(B) SS** (C) Points man (D) none of the above
- 230 While backing a full train from one line to another via main line the shunting supervision is done by \_\_\_\_\_. (B)  
 (A) Guard **(B) SS** (C) Points man (D) none of the above
- 231 Shunting speed of explosive and POL products shall be \_\_\_\_\_ kmph. (C)  
 (A) 10 (B) 5 **(C) 8** (D) none of the above
- 232 For the purpose of shunting the points, which are not protected by signals, they must be locked by \_\_\_\_\_ or \_\_\_\_\_ method. (B)  
 (A) Electrical, electronic **(B) padlocking, clamping**  
 (C) mechanical, electrical (D) none of the above
- 233 While performing shunting with passenger running trains, the shunting engine or train engine with or without slip coaches, before coming on to the formation it should be stopped \_\_\_\_\_ meters before the formation. (B)  
 (A) 45 **(B) 20** (C) 45 (D) 30
- 234 To receive a train on to an obstructed line, the LP shall be given \_\_\_\_\_ Authority (B)  
 where there is no calling ON signal and signal post telephone.  
 (A) T/369.3(b) **(B) T/509** (C) T/512 (D) T/511
- 235 While received a train on obstructed line, SM shall arrange to post one competent Railway servant to show \_\_\_\_\_ hand signal from \_\_\_\_\_ meters before the obstruction. (C)  
 (A) Red, 30 (B) Green, 35 **(C) Stop, 45** (D) none of the above
- 236 To dispatch a train from un-signalled line where tangible authority is not given as ATP, \_\_\_\_\_ authority should be given. (A)  
**(A) T/511+PHS+ATP** (B) T/512 (C) T/409 (D) none of the above
- 237 To start a train from a station having common starter signal, in addition to ATP \_\_\_\_\_ authority should be given. (A)  
**(A) T/512** (B) T/511 (C) T/409 (D) T/509
- 238 \_\_\_\_\_ Gradient is considered as dangerous for shunting roller bearing wagon and \_\_\_\_\_ gradient for non roller bearing wagons. (A)  
**(A) 1 in 400-1 in 260** (B) 1 in 100-1 in 150  
 (C) 1 in 300- 1 in 450 (D) none of the above
- 239 When 10 BOX wagons are shunted having Transition Couplers, the shunting impact speed should not exceed \_\_\_\_\_ kmph. (B)  
 (A) 10-15 **(B) 2-3** (C) 20-25 (D) none of the above
- 240 Maximum Hand shunting speed is \_\_\_\_\_ kmph. (C)  
 (A) 10 (B) 15 **(C) 5** (D) none of the above

- 241 When "Lurch" is reported by LP, the SM shall issue caution order restricting the speed to \_\_\_\_\_ kmph. (C)  
(A) 10 (B) 15 (C) 8 (D) none of the above
- 242 When "Lurch" is reported on DL by LP, SM shall give caution order for adjacent line trains to proceed with \_\_\_\_\_. (A)  
(A) **Special caution order** (B) memo (C) PWI (D) none of the above
- 243 Rail fracture of less than 30 mm, the speed of first train shall be \_\_\_\_\_ kmph, the speed of second and subsequent trains shall be \_\_\_\_\_ kmph. (A)  
(A) **10-15** (B) 25-8 (C) 15-40 (D) none of the above
- 244 Rail fracture of more than 30 mm or multiple fractures, certification shall be given by \_\_\_\_\_ and above rank. (C)  
(A) DEN (B) AEN (C) **SSE/P.Way** (D) none of the above
- 245 During TIC on DL \_\_\_\_\_ is the ATP authorising the LP to proceed with a restricted speed of \_\_\_\_\_ kmph. (A)  
(A) **T/C 602-25/10** (B) T/D 609-15/8 (C) T/A 611-10/8 (D) none of the above
- 246 When enquiry is made for more than one train \_\_\_\_\_ authorities are required for the light engine which is going to open communication. (B)  
(A) T/C 603+T/D611 (B) **T/B 602+T/E 602** (C) T/A 602+T/G 645 (D) none of the above
- 247 When trains are dealt on T/C 602, the time interval between two trains shall be \_\_\_\_\_ minutes. (B)  
(A) 60 (B) **30** (C) 45 (D) none of the above
- 248 During TIC on SL / DL and TSL working except \_\_\_\_\_ signal, all other signals can be taken OFF. (C)  
(A) FSS (B) Starter (C) **LSS** (D) none of the above
- 249 After opening the communication, the train speed shall be \_\_\_\_\_. (A)  
(A) **Booked speed** (B) MPS (C) Cautious (D) none of the above
- 250 After opening communication \_\_\_\_\_ is ATP for the light engine to come back. (A)  
(A) **T/G 602/T/H 602** (B) T/A602/T/I 609 (C) T/H 602/T/H 611 (D) none of the above
- 251 If enquiry is made for more than one train and reply is also received, the second train can be allowed to go with a restricted speed of \_\_\_\_\_ kmph. (A)  
(A) **25/10** (B) 15/8 (C) 10/5 (D) none of the above
- 252 After block telephone, \_\_\_\_\_ telephone is the authorized means of communication in absolute block system. (B)  
(A) VHF (B) **Station to station fixed telephone**  
(C) Walkie-Talkie (D) Control
- 253 Light engine, which is going for opening communication, shall proceed with a restricted speed of \_\_\_\_\_ kmph. (B)  
(A) 25/15 (B) **15/10** (C) 20/8 (D) none of the above
- 254 When there is even flow of trains, enquiry and reply messages are sent through \_\_\_\_\_. (A)  
(A) **Train LPs/guards** (B) SS (C) Points man (D) none of the above
- 255 On T/E 602 \_\_\_\_\_ number of trains enquiry can be made. (A)  
(A) **More than one** (B) less than one (C) One (D) none of the above
- 256 Form No. of UP/DN CLCT is \_\_\_\_\_. (A)  
(A) **T/G 602/T/H 602** (B) T/A602/T/I 609  
(C) T/H 602/T/H 611 (D) none of the above

- 257 When motor trolley / tower car is sent for opening communication, (C)  
it shall be accompanied by \_\_\_\_\_.  
(A) PWI/TI (B) SSE.PWI/SI (C) **Guard/ASM** (D) none of the above
- 258 When goods train is dispatched on T/J 602 the speed shall not exceed \_\_\_\_ kmph. (C)  
(A) 25/8 (B) 45/25 (C) **15/8** (D) none of the above
- 259 During TSL working, the speed of first train shall be \_\_\_\_ kmph. (A)  
(A) **25** (B) 50 (C) 15 (D) none of the above
- 260 During TSL working the speed of second and subsequent trains \_\_\_\_ shall be. (A)  
(A) **Booked speed** (B) 25 KMPH (C) 15 KMPH (D) 45 KMPH
- 261 \_\_\_\_\_ is the authority for trains working on TSL working. (B)  
(A) T/A 602 (B) **T/D 602** (C) T/C 602 (D) T/B 602
- 262 During TSL working the block instrument shall be kept and locked in \_\_\_\_ position. (A)  
(A) **TOL** (B) SOL (C) POL (D) none of the above
- 263 If LP enters block section without authority and subsequently sends his Asst LP (B)  
with a memo to SM in rear / SM in advance that SM shall give \_\_\_\_\_ and \_\_\_\_\_.  
(A) Signals, PLCT (B) **PLCT, Caution order**  
(C) Memo, Signals (D) none of the above
- 264 When explosion sound is heard by SM and location is not known and light (B)  
engine could not be sent for testing purpose, the whole train shall be allowed  
to go with a restricted speed of \_\_\_\_\_ kmph.  
(A) 15 (B) **10** (C) 25 (D) 40
- 265 In case of fire accident in a passenger train, the first objective to (C)  
be achieved is \_\_\_\_\_.  
(A) Clear the section (B) detach the vehicle  
(C) **Safety of the passengers** (D) ask for relief
- 266 The light engine which is coming on T/609 to pick up the second portion shall (C)  
come with a restricted speed of \_\_\_\_\_ kmph.  
(A) 40 (B) 15 (C) **25** (D) 50
- 267 One important essential required for automatic block system is that (B)  
it shall be provided with continuous \_\_\_\_\_ or \_\_\_\_\_.  
(A) track, signals (B) **track circuit, axle counters**  
(C) points, signals (D) none of the above
- 268 The line between the block stations, when required, be divided into series (A)  
of \_\_\_\_\_ sections.  
(A) **Signalling** (B) Track (C) Continuous (D) none of the above
- 269 Fully automatic stop signal is identified by \_\_\_\_\_ board. (C)  
(A) S- marker (B) P-marker (C) **A-Marker** (D) Illuminated A-marker
- 270 Semi-automatic stop signal is identified by \_\_\_\_\_ light. (D)  
(A) S- marker (B) P-marker (C) A-Marker (D) **Illuminated A-Marker**
- 271 All Guards, LPs, Asst LPs, Motor men who are required to work in automatic (C)  
block system shall undergo one day intensive training a certificate shall be given  
once in \_\_\_\_\_ months.  
A) 12 (B) 5 (C) **6** (D) 36
- 272 When LPs finds an automatic stop signal at ON, after Stopping for \_\_\_\_ minutes (A)  
Day / Night shall proceed with a restricted speed of \_\_\_\_\_ kmph up to next  
stop signal or up to the obstruction.  
(A) **1/2-10** (B) 2/4-15/8 (C) 5/10-12/8 (D) 3/4-25/10

- 273 The automatic stop signal shall not assume OFF aspect unless the line is clear (C)  
not only up to the next automatic signal but also for an adequate distance of not  
less than \_\_\_\_\_ meters.  
(A) 240 (B) 150 **(C) 120** (D) 180
- 274 After passing an automatic signal at ON the LP of the following train hauled (B)  
by any locomotive shall ensure that a minimum distance of \_\_\_\_\_ meters is  
maintained between his train and preceding train.  
(A) 240 **(B) 150** (C) 120 (D) 180
- 275 The minimum equipment of fixed signals in automatic system on SL (B)  
shall be \_\_\_\_\_ and \_\_\_\_\_ signals.  
(A) Distant-Home **(B) Automatic-Semi automatic**  
(C) home-LSS (D) Outer- Home
- 276 The gate signal in automatic system is identified by \_\_\_\_\_ (D)  
(A) A-Marker (B) P-Marker  
(C) G-Marker **(D) illuminated A-Marker & G-Marker**
- 277 When LSS failed on SL automatic block system \_\_\_\_\_ is the ATP for the train (A)  
and the first train, which shall go with a restricted speed of \_\_\_\_\_ kmph.  
**(A) PLCT, 25** (B) T/602, 15 (C) T/A602, 45 (D) none of the above
- 278 In automatic block system single line, when LSS fails, \_\_\_\_\_ authority is given (A)  
to the Loco Pilot.  
**(A) PLCT & T/A 912** (B) T/D-912 (C) T/C912 (D) T/P 912
- 279 During prolonged failed of signals on DL the authority given in automatic (B)  
signalling is \_\_\_\_\_ which authorizes the LP to go a restricted speed of \_\_\_\_\_ kmph.  
(A) T/A912,30 **(B) T/D912, 25** (C) T/C912, 45 (D) T/B912, 60
- 280 When signals and communication fails on DL, the authority given to the LP is \_\_\_\_\_. (A)  
**(A) T/B912** (B) T/C912 (C) T/D912 (D) T/A912
- 281 The time interval between two trains during signal and communication (C)  
failure on DL shall be \_\_\_\_\_ minutes.  
(A) 30 (B) 25 **(C) 15** (D) 45
- 282 The light engine, which is going to open communication, shall proceed with a (D)  
restricted speed of \_\_\_\_\_ kmph.  
(A) 12-15 (B) 10-8 (C) 15-20 **(D) 15-10**
- 283 During TSL working in automatic section the first train proceeding on right line (B)  
when signal and communication are working shall proceed on \_\_\_\_\_ authorities.  
(A) T/D 912 **(B) PLCT+T/A912** (C) T/C912 (D) T/B 912
- 284 During TSL working when signals and communication are working the second (C)  
and sub-sequent train proceeding on right line shall proceed on \_\_\_\_\_.  
(A) Cautiously (B) whistling **(C) signal aspects** (D) written memo
- 285 All trains from wrong line during TSL working shall proceed on \_\_\_\_\_ as ATP. (D)  
(A) Written memo (B) caution order (C) cautiously **(D) PLCT**
- 286 When train meets with an accident in automatic block system on DL and the (D)  
adjacent line is obstructed, the adjacent line shall be protected as per \_\_\_\_\_ rule.  
(A) GR 6.06 (B) GR6.12 (C) GR6.09 (D) GR 6.03

- 287 In Automatic block system when the train is unable to proceed further due to accident or obstructed or due to the failure of loco, the Guard shall protect the train in rear by placing one detonator at \_\_\_\_\_ meters and two detonators at \_\_\_\_\_ meters from the point of obstruction. (A)  
**(A) 90, 180** (B) 120, 150 (C) 150, 300 (D) 120, 180
- 288 To stop of a train out of course in automatic block system \_\_\_ no. of detonators are placed at \_\_\_ meters from the end of platform in direction of the train. (B)  
 (A) 3, 120 **(B) 2, 180** (C) 1, 120 (D) 4, 600
- 289 In automatic block system to dispatch a relief loco / train into the occupied block section \_\_\_\_\_ is given as the ATP for the relief loco / train. (C)  
 (A) T/A 912 (B) T/B 912 **(C) T/C 912** (D) T/D 912
- 290 In automatic block system Relief loco / train shall proceed with a restricted speed of \_\_\_\_\_ kmph. (D)  
 (A) 25/15 (B) 45/25 (C) 60/30 **(D) 15/10**
- 291 Secunderabad, Kachiguda, Falaknuma, Moula Ali, Vijayawada and Krishna Canal stations are known as stations. (C)  
 (A) Flag (B) Non-Block **(C) Reporting** (D) Notice
- 292 Engineering indicators are (1) \_\_\_\_\_ (2) \_\_\_\_\_ (3) \_\_\_\_\_ (4) \_\_\_\_\_. (A)  
**(A) Caution Indicators, Speed Indicators, Stop Indicators, Termination Indicators**  
 (B) Coasting Boards, Warning Boards, Whistle boards, LV boards  
 (C) A&B  
 (D) none of the above
- 293 Caution indicator is located at \_\_\_\_\_ meters before the spot on BG. (B)  
 (A) 1300 **(B) 1200** (C) 1500 (D) 2000
- 294 Stop indicator is located \_\_\_\_\_ meters before the stop dead and proceed speed restriction. (C)  
 (A) 50 (B) 20 **(C) 30** (D) 60
- 295 After stopping at the stop indicator, LP shall sign in the ER-7 book and proceed with \_\_\_\_\_ kmph. (C)  
 (A) 15 (B) 20 **(C) 10** (D) 25
- 296 "W/L" board before level crossing shall be provided at distance of \_\_\_\_\_ metres. (A)  
**(A) 600** (B) 1200 (C) 1300 (D) 1600
- 297 When water over tops the rail \_\_\_\_\_ shall certify by walking over and probing that the track is safe and allow the train to go at a speed not exceeding \_\_\_\_Kmph. (A)  
**(A) PWI, 8** (B) DEN, 15 (C) SrDEN, 20 (D) Sr DOM, 30
- 298 Neutral section lies between \_\_\_\_\_. (C)  
 (A) Two Block Sections (B) Two Station Sections  
**(C) Two Sub-Station** (D) Two Junctions hall
- 299 The speed of the train while passing through Neutral Section not to be less than \_\_\_\_\_ kmph. (D)  
 (A) 45 (B) 20 (C) 60 **(D) 30**

**विभागीय परीक्षाओं के लिए राजभाषा प्रश्न बैंक**

**Rajbhasha Question Bank For Departmental Examinations**

|     |                                                                                                                                                                                                                                                                      |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.  | What is the Official Language of Union of India? (A)<br><b>a)Hindi in Devnagari Script</b> b) Hindi in Sanskrit Script c)Hindi d) None of the above                                                                                                                  |
| 2.  | On which date Part XVII of the Constitution was passed in Parliament? (B)<br>a) 19.09.1947 <b>b) 14.09.1949</b> c) 14.07.1949 d) 19.07.1947                                                                                                                          |
| 3.  | When was Official Language Act 1963 passed? (A)<br><b>a)10.05.1963</b> b) 10.05.1967 c) 15.05.1963 d) 15.05.1967                                                                                                                                                     |
| 4.  | When was Official Language Act 1963 amended ? (A)<br><b>a)1967</b> b)1963 c) 1947 d)1965                                                                                                                                                                             |
| 5.  | When is "Hindi Day" celebrated every year? (D)<br>a) September 04 b) September 24 c) November 14 th <b>d) ) September 14</b>                                                                                                                                         |
| 6.  | According to Official Language Rules, under which region Andaman & Nicobar Islands come (A)<br><b>a)Region A</b> b) Region C c) Region B d) None of above                                                                                                            |
| 7.  | According to Official Language Rules ,Which state comes under Region "A" ? (C)<br>a) Maharashtra b)Punjab <b>c) Harayana</b> d) Arunachala Pradesh                                                                                                                   |
| 8.  | What is the Official Language of Arunachal Pradesh? (C)<br>a)Bodo b) Hindi <b>c) English</b> d) Sindhi                                                                                                                                                               |
| 9.  | The official Languages act 1963, section 3 take effects from ? (B)<br>a) 26 January, 1963 <b>b) 26 January, 1965</b> c) 25 January, 1963 d) 25 January 1965                                                                                                          |
| 10. | In which part of the Constitution are the Articles 343-351 that give information about Official Language available ? (A)<br><b>a)Part XVII</b> b) Part XVIII c) Part XIV d) Part XVI                                                                                 |
| 11. | Maximum how many Artists can participate in Hindi Drama Competitions? (D)<br>a) 5 Artists b) 10 Artists c) 20 Artists <b>d) 15 Artists</b>                                                                                                                           |
| 12. | How many inspections in a month are mandatory for Rajbhasha Adhikari of Railways? (A)<br><b>a)One</b> b) Three c) Two d) Five                                                                                                                                        |
| 13. | According to Official Language Rules which state coming under 'B' region? (A)<br><b>a) Maharashtra</b> b) Jammu & Kashmir c) Jharkhand d) Nagaland                                                                                                                   |
| 14. | At present how many languages are enlisted in the Eighth Schedule of the constitution? (C)<br>a)18 b) 20 <b>c) 22</b> d) 21                                                                                                                                          |
| 15. | In which article is the provision regarding OL policy available in Part V of the constitution? (B)<br>a)Article -210 <b>b) Article-120</b> c) Article -344 d) Article – 343                                                                                          |
| 16. | In which order Name, Designation and Sign Boards are to be exhibited? (D)<br>a)Trilingual (Hindi, Regional & English)<br>b)Trilingual (English, Regional & Hindi)<br>c)Trilingual (Regional, English & Hindi)<br><b>d)Trilingual (Regional, Hindi &amp; English)</b> |
| 17. | When was the Official Language Rules passed? (B)<br>a)1967 <b>b)1976</b> c) 1963 d)1965                                                                                                                                                                              |
| 18. | How many articles are there in Part XVII of the Constitution? (D)<br>a)7 b)6 c)8 <b>d)9</b>                                                                                                                                                                          |
| 19. | In compliance of article 344 when was the Official Language Commission formed? (B)<br>a)1950 <b>b) 1955</b> c) 1956 d)1949                                                                                                                                           |

|     |                                                                                                                                                                                                                                                                                             |
|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 20. | Who was the First Chairman of the Official Language Commission? (B)<br>a) Sri G.B. Pant <b>b) Sri B.G. Kher</b> c) Sri Lalith Narayan Mishra      d) Sri Nanda Kumar                                                                                                                        |
| 21. | Who was the First Chairman of the committee which was formed on the recommendation of the Official Language commission? (A)<br><b>a) Sri G.B. Pant</b> b) Sri B.G. Kher      c) Sri Lalith Narayan Mishra      d) Sri Nanda Kumar                                                           |
| 22. | As per the Constitution, who is translating the statutory rules, regulations and orders? (D)<br>a) Home Ministry      b) Finance Ministry      c) Prime Ministry <b>d) Law Ministry</b>                                                                                                     |
| 23. | Which Official Language Rule mentions about the Proficiency of Hindi of the Officer/Employee (A)<br><b>a) Rule-09 of Official Language Rule 1976</b><br>b) Rule-06 of Official Language Rule 1976<br>c) Rule-10 of Official Language Rule 1976<br>d) Rule-08 of Official Language Rule 1976 |
| 24. | Which Article comes under Part VI ? (A)<br><b>a) Article -210</b> b) Article-120      c) Article -344      d) Article – 343                                                                                                                                                                 |
| 25. | Who chaired the first Railway Hindi Salahkar Samiti constituted in 1973 (C)<br>a) Sri G.B. Pant      b) Sri B.G. Kher <b>c) Sri Lalith Narayan Mishra</b> d) Sri Nanda Kumar                                                                                                                |
| 26. | Communication from central govt office to a state or Union territory in region C or to any office Or person in such state shall be in (A)<br><b>a) English</b> b) Hindi      c) Hindi and English      d) Hindi or English                                                                  |
| 27. | In which year the Hindi translation of Railway Budget was prepared by the Railway Minister (C)<br>a) 1950      b) 1955 <b>c) 1956</b> d) 1949                                                                                                                                               |
| 28. | In which year Hindi (Parliament) section was established in Railway Board? (D)<br>a) 1950      b) 1955      c) 1956 <b>d) 1960</b>                                                                                                                                                          |
| 29. | What are the States/Union territories that comes under Region "A" ? (D)<br>a) Bihar      b) Punjab      c) Chhattisgarh <b>d) a&amp;c</b>                                                                                                                                                   |
| 30. | What are the States/Union territories that come under Region "C" ? (A)<br><b>a) Sikkim</b> b) Daman & diu      c) Andaman & Nicobar      d) Union Territory of Chandigarh                                                                                                                   |
| 31. | Article 120 related (A)<br><b>a) Language to be used in Parliament</b><br>b) Language to be used in the Legislature<br>c) Official Language of the union<br>d) Official languages of the state                                                                                              |
| 32. | Article 210 related (B)<br>a) Language to be used in Parliament<br><b>b) Language to be used in the Legislature</b><br>c) Official Language of the union<br>d) Languages to be used in supreme court and in the high courts and for acts bills etc                                          |
| 33. | What is the expansion for OLIC used by Dept. of Official Language? (B)<br>a) Official Language Improvement Committee<br><b>b) Official Language Implementation Committee</b><br>c) Official Language Implement Committee<br>d) Official Language Implementation Commission                  |
| 34. | How many Hindi courses are prescribed for Central Govt. Employees? (C)                                                                                                                                                                                                                      |

|     |                                                                                                                 |                     |                                                   |                      |
|-----|-----------------------------------------------------------------------------------------------------------------|---------------------|---------------------------------------------------|----------------------|
|     | a)2                                                                                                             | b)3                 | c)4                                               | d)5                  |
| 35. | Which is the elementary Hindi course prescribed for Central Govt. Employee (B)                                  |                     |                                                   |                      |
|     | a)Praveen                                                                                                       | b)Prabodh           | c)Parangat                                        | d) Pragya            |
| 36. | Who is the Chairman of Central Hindi Committee ? (C)                                                            |                     |                                                   |                      |
|     | a)Home minister                                                                                                 | b) Finance Minister | c) Prime Minister                                 | d) Diffence minister |
| 37. | When was the present Parliamentary Committee on Official Language constituted ? (B)                             |                     |                                                   |                      |
|     | a)1967                                                                                                          | b)1976              | c) 1968                                           | d)1949               |
| 38. | How many members are there in the Committee of Parliamentary on Official Language? (C)                          |                     |                                                   |                      |
|     | a) 33                                                                                                           | b) 25               | c) 30                                             | d) 20                |
| 39. | At present, how many Sub-Committees are there in the Parliamentary Committee on Official Language? (C)          |                     |                                                   |                      |
|     | a)6                                                                                                             | b)5                 | c)3                                               | d)2                  |
| 40  | Article 344 related to (D)                                                                                      |                     |                                                   |                      |
|     | a)Directives for development of Hindi language                                                                  |                     |                                                   |                      |
|     | b)Languages to used in Parliament                                                                               |                     |                                                   |                      |
|     | c)Languages to be used in supreme court and in the high courts and for acts bills etc                           |                     |                                                   |                      |
|     | d)Commission and Committee of parliament on official Languages                                                  |                     |                                                   |                      |
| 41. | Who is the Chairman of the Town Official Language Implementation Committee constituted in major cities? (C)     |                     |                                                   |                      |
|     | a)DRM                                                                                                           | b)ADRM              | c) Senior most Central Govt. Officer of the city. |                      |
|     | d) Division Raja bhasha adhikari                                                                                |                     |                                                   |                      |
| 42. | What is the periodicity of the meeting of Town Official Language Implementation Committee? (A)                  |                     |                                                   |                      |
|     | a) Once in 6 months b) Once in 12 months c) Twice in 6 months d) 3 times in 12 months                           |                     |                                                   |                      |
| 43. | Who prepares the Annual Programme on Official Language? (D)                                                     |                     |                                                   |                      |
|     | a)Ministry of Finance Affairs.                                                                                  |                     |                                                   |                      |
|     | b)Ministry of Human Resource                                                                                    |                     |                                                   |                      |
|     | c) Ministry of Urban development                                                                                |                     |                                                   |                      |
|     | d)None of the above.                                                                                            |                     |                                                   |                      |
| 44. | What are the Hindi courses prescribed for Central Govt. Employees? (B)                                          |                     |                                                   |                      |
|     | a)Prabodh, Praveen& Pragya                                                                                      |                     |                                                   |                      |
|     | b)Prabodh, Praveen& Pragya & Parangat                                                                           |                     |                                                   |                      |
|     | c)Prabodh, Pragya & Parangat                                                                                    |                     |                                                   |                      |
|     | d)Prabodh, Praveen, & Parangat                                                                                  |                     |                                                   |                      |
| 45. | Which is the final Hindi course prescribed for Clerical cadre employees of Central Govt.? (C)                   |                     |                                                   |                      |
|     | a)Praveen                                                                                                       | b)Prabodh           | c)Parangat                                        | d) Pragya            |
| 46. | What are the training facilities available to a Central Govt. employee to get trained in the Hindi courses? (C) |                     |                                                   |                      |
|     | a) Intensive, Correspondence and Private b) Regular, Intensive and Private                                      |                     |                                                   |                      |
|     | c) Regular, Intensive, Correspondence and Private d) Regular, Intensive, Correspondence                         |                     |                                                   |                      |
| 47. | How many times the Regular Hindi exams are conducted in a year ? (A)                                            |                     |                                                   |                      |
|     | a)2                                                                                                             | b)3                 | c)4                                               | d)1                  |
| 48. | In which months Regular Hindi examinations are conducted? (A)                                                   |                     |                                                   |                      |
|     | a) May and November                                                                                             | b)June and December | c)June and august                                 | d)July and November  |
| 49  | When was first time 'World Hindi Day' is observed? (D)                                                          |                     |                                                   |                      |
|     | a)10 November 2006 b)10 January, 2016 c) 10 January, 2005 d) 10 January, 2006                                   |                     |                                                   |                      |

|     |                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 50. | Name the newly introduced course in Hindi by Hindi Teaching Scheme (C)<br>a)Praveen                      b)Prabodh <b>c)Parangat</b> d)None of the above                                                                                                                                                                                                                                                                         |
| 51. | Who are all the employees classified under Category 'A' ? (C)<br>a)Those employees whose mother tongue is Urdu or Hindustani or its dialect<br>b)Those employees whose mother tongue is english or Hindustani or its dialect<br><b>c)Those employees whose mother tongue is Hindi or Hindustani or its dialect</b><br>d) Those employees whose mother tongue is Urdu, Punjabi, Kashmiri, Pusto, Sindhi or other allied languages |
| 52. | Section 3 of Official Language Act 1963 came into force on (A)<br><b>(a) 26 January 1965</b> (b) 28 February 1965      (c) 26 January 1966      (d) 26 January 1964                                                                                                                                                                                                                                                              |
| 53. | Which of the following is the correct English word for मंडल रेल प्रबंधक (B)<br>a)GM <b>b) DRM</b> c)ADRM                      d) AGM                                                                                                                                                                                                                                                                                             |
| 54. | Which Official Language Rule mentions about the Working knowledge of the Officer/Employee ? (C)<br><b>a) Rule-09 of Official Language Rule 1976      c) Rule-10 of Official Language Rule 1976</b><br><b>b) Rule-11 of Official Language Rule 1976      d)Rule-12 of Official Language Rule 1976</b>                                                                                                                             |
| 55. | From which course a category 'C' employee required to be trained (A)<br><b>a)Praveen</b> b)Prabodh                      c)Parangat                      d)None of the above                                                                                                                                                                                                                                                      |
| 56. | From which course a category 'D' employee required to be trained? (B)<br>a)Praveen <b>b)Prabodh</b> c)Parangat                      d) Pragya                                                                                                                                                                                                                                                                                    |
| 57. | What is the Lumpsum Award for passing Pragya? (C)<br>a)2500                      b)2600 <b>c)2400</b> d)None of the above                                                                                                                                                                                                                                                                                                        |
| 58. | Which of the following is the correct English word for महाप्रबंधक (A)<br><b>a)GM</b> b)DRM                      c)AGM                      d) ADRM                                                                                                                                                                                                                                                                               |
| 59. | In which order the forms used by Public are to be prepared? (D)<br>a)Trilingual Form (1.Regional Language 2.English 3.Hindi)<br>b)Trilingual Form (1.English 2.Regional Language 2.Hindi)<br>c)Trilingual Form (1.Hindi 2.English 3. Regional Language )<br><b>d)Trilingual Form (1.Regional Language 2.Hindi 3.English)</b>                                                                                                     |
| 60. | In which order Rubber Stamps are to be prepared? (B)<br>a) Bilingual from-one line English and one line Hindi<br><b>b) Bilingual from-one line Hindi and one line English</b><br>c) Regional language<br>d) Regional Language, Hindi, English                                                                                                                                                                                    |
| 61. | Which Foreign Language included in the Eighth Schedule? (C)<br>a) Urdu                      b)Punjabi <b>c)Nepali</b> d) None of these                                                                                                                                                                                                                                                                                           |
| 62. | Who is the Chairman of the Divisional Official Language Implementation Committee? (A)<br><b>A)DRM</b> b)ADRM    c)Nominated officer by DRM    d) Division Raja bhasha adhakari                                                                                                                                                                                                                                                   |
| 63. | Which Ministry/Office is conducting the exams for the Central Government employees? (C)<br>a)Hindi Teaching Scheme under Ministry of Finance Affairs.<br>b)Hindi Teaching Scheme under Ministry of Human resource<br><b>c)Hindi Teaching Scheme under Ministry of Home Affairs</b><br>d)Hindi Teaching Scheme under Ministry of Culture .                                                                                        |
| 64. | Who is the Chairman of Town Official Language Implementation Committee (Central Govt. offices)/Vijayawada? (A)<br><b>a)DRM</b> b)ADRM    c)Nominated officer by DRM    d) Division Rajabhasha adhakari                                                                                                                                                                                                                           |

|     |                                                                                                                                                                                                                                                                                                                  |
|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 65. | In which order are the Station announcements made? (D)<br>a)Trilingual (Hindi, Regional & English) b)Trilingual (English, Regional & Hindi)<br>c)Trilingual (Regional, English & Hindi) <b>d)Trilingual (Regional, Hindi &amp; English)</b>                                                                      |
| 66. | How the Panel Board of a train has to be displayed? (D)<br>a)Trilingual (Hindi, Regional & English) c)Trilingual (Regional, Hindi)<br>b)Trilingual (English, Regional & Hindi) <b>d) None of the above</b>                                                                                                       |
| 67. | Who are eligible to undergo training in Hindi Conversation course ? (A)<br><b>a) All the open line staff (including Class-IV) who come in contact with public directly.</b><br>b) All the open line staff<br>c) Running staff<br>d) Office staff                                                                 |
| 68. | Why training in Hindi is imparted to Central Government Officers/Employees ? (B)<br>a) By which they can speak with officers<br><b>b) By which they can do their day-to-day work in Hindi.</b><br>b) By which they can speak with colleague<br>d)None of the above                                               |
| 69. | What is the duration for Hindi Conversation course in Hrs ? (D)<br>a)20 b)10 c)40 <b>d)30</b>                                                                                                                                                                                                                    |
| 70. | Mention the name of Rajbhasha Padak awarded to Sr.Administrative Grade or Higher Officials? (A)<br><b>a)Rail Mantri Rajbhasha Rajat Padak</b> b)Lal Bahadur Shastri Award<br>c)Maithili Sharan Gupta Rajat Padak d) Premchand Award                                                                              |
| 71. | According to Official Language Rules ,Which State comes under Region "B" ? (D)<br>a) Haryana b)Rajasthan c) Jharkhand <b>d) None of the above</b>                                                                                                                                                                |
| 72. | Mention the name of the Award to be given for writing story/novel writing in Hindi by Railway Board. (D)<br>a)Rail Mantri Rajbhasha Rajat Padak b)Lal Bahadur Shastri Award<br>c)Maithili Sharan Gupta Award <b>d) Premchand Award</b>                                                                           |
| 73. | Mention the name of the Award to be given for writing the book of Hindi poems, by the Railway Board. (C)<br>a)Rail Mantri Rajbhasha Rajat Padak<br>b)Lal Bahadur Shastri Award<br><b>c)Maithili Sharan Gupta Award</b><br>d) Premchand Award                                                                     |
| 74. | “What is the Cash Award given under Kamalapati Tripathi Rajbhasha Swarna Padak ? (A)<br><b>a) ₹ 10,000</b> b) ₹ 1000 c) ₹ 100000 d) ₹ 1000000                                                                                                                                                                    |
| 75. | What is the main duty of the Committee of Parliament on Official Language? (A)<br><b>a)To review the progressive use of Hindi</b><br>b)To review the progressive use of Hindi and English<br>c)To review the progressive use of Hindi and state official languages<br>d)To review the progressive use of English |
| 76. | World “Hindi Day” celebrated every year on ? (B)<br>a) 11 th January <b>b) 10 th January</b> c) 12 th January d) 14 th September                                                                                                                                                                                 |
| 77. | What are the four languages that were added to the list of 18 languages of the Eighth Schedule? (D)<br>a)Bodo, Dogri, Maithili & Nepali, added.<br><b>b)Bodo, Sindhi , Maithili &amp; Santhali were added.</b>                                                                                                   |

|    |                                                                                                                                                                                                                                                                                 |     |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
|    | c) Kashmiri, Dogri, Maithili & Santhali were added.<br><b>d) Bodo, Dogri, Maithili &amp; Santhali were added</b>                                                                                                                                                                |     |
| 78 | Nepali Language is the State Language of which state?<br><b>a) Sikkim</b> b) Bihar                      c) Chhatisgarh                      d) Himachal Pradesh                                                                                                                 | (A) |
| 79 | The Committee on Official Language consist of _____ members from Lok Sabha<br>a) 15                      b) 25                      c) 10 <b>d) None of these</b>                                                                                                               | (D) |
| 80 | The report of committee on official language is submitted to the<br>a) Speaker of Lok Sabha <b>b) President</b> c) Vice President                      d) Chief Justice of India                                                                                                | (B) |
| 81 | The Official Language Rules 1976, is applicable on entire countries except one State? Which is that State?<br>a)Kerala <b>b)Tamilnadu</b> c)Tripura                      d)Andhara Pradesh                                                                                      | (B) |
| 82 | What is the Lump sum Award for passing Pragma ?<br>a)2600                      b)2200 <b>c)2400</b> d)2000                                                                                                                                                                      | (C) |
| 83 | Article 351 related to<br><b>a)Directives for development of Hindi language</b><br>b)Languages to used in Parliament<br>c)Languages to be used in supreme court and in the high courts and for acts bills etc<br>d)Commission and Committee of parliament on official Languages | (A) |
| 84 | Article 348 related to<br>a)Directives for development of Hindi language<br>b)Languages to used in Parliament<br><b>c)Languages to be used in supreme court and in the high courts and for acts bills etc</b><br>d)Commission and Committee of parliament on official Languages | (C) |
| 85 | According to Official Language Rules ,Which States comes under Region "C" ?<br>a) Andhra Pradesh & Gujarat                      b) Manipur & Punjab<br><b>c) West Bengal &amp; Meghalaya</b> d) None of the above                                                               | (C) |
| 86 | Which is the only Union Territory classified under Region 'B' ?<br>a) Pondicherry                      b) Daman & Diu                      c) Andaman & Nicobar <b>d) Chandigarh</b>                                                                                            | (D) |
| 87 | According to Official Language Rules Which States comes under Region "A" ?<br>a) Haryana & Mizoram                      b) Bihar & Meghalaya<br>c)Rajasthan & Maharashtra <b>d) Madhya Pradesh &amp; Himachal Pradesh</b>                                                       | (D) |

### Crew Management System

1. CMS is aimed to provide \_\_\_\_\_

(D)

- a Position of crew at HQ/OS
  - b Maintain status wise records
  - c PR,maintaining LR,PME details
  - d All of the above
2. Objectives of CMS \_\_\_\_\_ (D)
- a Optimization of crew
  - b Monitoring of LR and training schedules
  - c Monitoring of 10hrs duty and HOER
  - d All of the above
3. What is TA \_\_\_\_\_ (B)
- a Traffic Apprentices
  - b Traffic Advice
  - c Train Acknowledgement
  - d Train Application
4. CMS can work in \_\_\_\_\_ (A)
- a Online mode
  - b Offline mode
  - c Both A and B
  - d None of the above
5. Who creates the TA \_\_\_\_\_ (A)
- a Traffic supervisor
  - b BET
  - c CCC
  - d Both A and C
6. Sign-ON and Sign-OFF approval given by \_\_\_\_\_ (B)
- a TNC
  - b Traffic supervisor
  - c CCC
  - d Not required any approval
7. Username is unique for \_\_\_\_\_ (D)
- a Division Console
  - b Lobby Console
  - c Supervisor Console
  - d Both A and B
8. Browser for CMS reports \_\_\_\_\_ (C)
- a cms.indianrail.com.in
  - b cms.indianrailways.gov
  - c cms.indianrail.gov.in
  - d 10.60.200.168/cmsreport
9. User password should not contain \_\_\_\_\_ (D)
- a User name and user ID
  - b Crew ID
  - c Special Character
  - d All the above
10. Password validity period \_\_\_\_\_ months (C)
- a 3
  - b 5

c 6

d 4

11. \_\_\_\_\_ is responsible for Crew booking in CMS (B)
- a TNC
  - b Supervisor
  - c Both
  - d CCC
12. Routes can be created at \_\_\_\_\_ (D)
- a Depot level
  - b Division level
  - c Zonal level
  - d CRIS/NDLS
13. Train pulling timings are \_\_\_\_\_ for all Lobbies (B)
- a Same
  - b Different
  - c Discrimination of on duty supervisor
  - d None of the above
14. Who is authorized for crew grading. (B)
- a CCC
  - b CLI
  - c Any one of A & B
  - d Branch officer
15. Which one of the following is not belongs to crew biodata? (D)
- a Others
  - b Training
  - c Loco competency
  - d Training pulling
16. In CMS LR due time can be configured at \_\_\_\_\_ level as per logic. (B)
- a Zonal level
  - b Division level
  - c Lobby
  - d Both A & B
17. The concept of crew serve call given from station A, but crew need to sign on at station B is called \_\_\_\_\_ (B)
- a Parent Lobby
  - b Sister Lobby
  - c HQ Lobby
  - d Both A & B
18. Process of sign on crew will be shifted to new TA is called as \_\_\_\_\_ (A)
- a Swapping of crew
  - b Swapping of TA
  - c Resetting of TA
  - d Both B & C
19. What is FAFO? (C)
- a First Arrival First Out

- b First Available First Off
  - c First Available First Out
  - d First Arrival First Off
20. Sorting of HQ crew depends on which logic (D)
- a FAFO
  - b FIFO
  - c Progressive hours
  - d Any one of the above
21. \_\_\_\_\_ is called sorting of crew by arrival time. (A)
- a FIFO
  - b FAFO
  - c Progressive hours
  - d Any one of the above
22. \_\_\_\_\_ option is to be applied to get fortnight cumulative hours while crew booking (C)
- a FIFO
  - b FAFO
  - c Progressive hours
  - d Any one of the above
23. Parameters to be checked in "Fetch crew as per Rule" is \_\_\_\_\_ (D)
- a PME & G and SR
  - b Traction, Tech training
  - c LR, Rest and Loco competency
  - d All of the above
24. Parameters to be checked in "Fetch crew All" is \_\_\_\_\_ (D)
- a PME
  - b G & SR
  - c Completion Rest
  - d Both A & B
25. Serving of calls to crew can be done \_\_\_\_\_ (D)
- a Automatically
  - b Manually
  - c Both A & B
  - d Any one of A and B
26. SMS will be triggered to crew in \_\_\_\_\_ call serve. (A)
- a Automatic
  - b Manual
  - c Both A & B
  - d None of the above
27. Supervisor SignON can be done on behalf of \_\_\_\_\_ (B)
- a CCC
  - b Crew
  - c Branch officer
  - d Both A and B
28. Difference between "Train departure time" and "Actual crew Sign ON time" is called \_ (B)
- a PAD
  - b PDD

- c PCDO
  - d None of the above
29. Difference between "Train arrival" and "Sign ON" is called \_\_\_\_\_ (A)
- a PAD
  - b PDD
  - c PCDO
  - d None of the above
30. If crew failed in BA test, then the crew status goes to \_\_\_\_\_ (C)
- a SYSLT
  - b SYSRF
  - c SYSBAF
  - d SYSNF
31. Parameters for Periodical Rest (PR) due \_\_\_\_ (D)
- a Working for 7 consecutive days
  - b Working on 3 consecutive nights
  - c Working for continuous 54 hrs
  - d All of the above
32. For updating the CTLC/CPRC/PCR/SHDT movements, crew should be shown in \_\_\_\_ (B)
- a Non-run
  - b Non-run roster
  - c Casualty
  - d None of the above
33. What is CT (A)
- a Competency trails
  - b Crew traction
  - c Children transport
  - d None of the above
34. What is SPRT (B)
- a Self-propelled relief train
  - b Sports
  - c Spare for refresher transport
  - d None of the above
35. REFD indicates \_\_\_\_ (C)
- a Reference drawing
  - b Reference drafting
  - c Refresher diesel
  - d None of the above
36. TAE indicates \_ (C)
- a Traffic apprentices electrical
  - b Territorial army employee
  - c Territorial army embodiment
  - d Both B and C
37. TJIN indicates \_\_\_\_\_ (A)
- a Joining time
  - b Time for joint inspection

- c Train arrival
  - d Train cancellation
38. Viewing of status and location of the crew by\_\_\_\_ (B)
- a Book crew
  - b Search crew
  - c Serve call
  - d A & B
39. Searching of crew can be done by\_\_\_\_ (D)
- a Crew Name
  - b Crew ID
  - c EMP. NO.
  - d Any one of A, B & C
40. \_\_\_\_\_ are small database queries essential to check the crew control and optimization. (C)
- a CMS reports
  - b CMS application
  - c CMS alerts
  - d Both A and B
41. \_\_\_\_\_ gives instant updated crew position of a Lobby. (D)
- a CMS reports
  - b CMS application
  - c CMS alerts
  - d Both A and B
42. If serve call acknowledged and crew not turned-up for duty, then crew status goes to \_\_\_\_ (B)
- a SYSRF
  - b SYSLT
  - c SYSNF
  - d Remains same
43. Crew can Sign-ON/OFF by using \_\_\_\_\_ in integrated KIOSK (A)
- a Biometric device
  - b By password
  - c Both compulsory
  - d Any one of A and B
44. No crew can Sign-ON without reading of \_\_\_\_\_ in KIOSK (D)
- a Caution order
  - b Circulars
  - c Any one of A and B
  - d Both A and B
45. Crew cannot Sign-ON more than \_\_\_\_\_ mins before the Sign-ON time (D)
- a 20
  - b 30
  - c As fed by Lobby configuration console in train pulling location
  - d Any one of B and C
46. Crew can Sign-OFF only in case the \_\_\_\_\_ has been approved by supervisor (B)
- a Acknowledgement
  - b Sign-ON

- c Call book
  - d All the above
47. If the crew did some other work in EN-route, then the crew must opt for \_\_\_\_ in KIOSK (B)
- a Normal Sign-OFF
  - b **Manual Sign-OFF**
  - c CTR entry
  - d Any of A and B
48. Before Sign-ON in integrated KIOSK the following are mandatory \_\_\_\_\_ (D)
- a Reading of circulars
  - b Reading of caution orders
  - c Conducting of BA test
  - d **All the above**
49. If the crew reports late by 30 mins from the train departure time, crew status turns to \_ (C)
- a SYSRF
  - b SYSNF
  - c **SYSLT**
  - d Pending
50. The circulars are updated in \_\_\_\_\_ only (B)
- a Lobby configuration
  - b **Division configuration**
  - c Zonal configuration
  - d Branch officers

#### **ESTABLISHMENT ON PERSONAL MATTERS**

- 01 The amount of maintenance grants to be granted per month (on SBF) to All Gr."C" & "D"

- employees irrespective of their pay and nature of disease, subject to the sickness in Govt./Rly Hospital exceeding 15 days on LWP: (A)  
**a. Rs. 3000/-**      b. Rs. 1000/-      c. Rs. 5000/-      d. None of the above
- 02 The amount of Medical assistance to be granted per month(max. 3 months) under SBF to all All Gr."C" & "D" employees who themselves/their family members suffer from major diseases and chronic diseases involving major operations, on recommendation by Rly. medical authorities. (A)  
**a. Rs. 2000/-**      b. Rs. 3000/-      c. Rs. 1000/-      d. None of the above
- 03 Non-gazetted cadre in pay matrix level 6 and above are eligible for duty pass travel in. (A)  
**a. First class**      b. First class A      c. Both a & b      d. None of the above
- 04 In NPS system the contribution by the central government shall be (B)  
a. 10 % basic pay plus DA      **b. 14% basic pay plus DA**      c. 14% basic pay      d. 10% basic pay
- 05 Persons with disability may be granted SCL for period of \_\_\_\_\_ per calendar year. (C)  
a. 10 days      b. 11 days      **c. 4 days**      d. 3 days
- 06 CCL may not be granted less than \_\_\_\_\_ days at a time. (D)  
a. 2 days      b. 3 days      c. 4 days      **d. 5 days**
- 07 As per HRC, running duty for the purpose of preparation links only should not exceed for Mail/Express. (B)  
a. 7 hrs      **b. 8 hrs**      c. 9 hrs      d. 10 hrs
- 08 An amount of additional allowance paid to Motorman per month (C)  
a. Nil      b. Rs. 750/-      **c. Rs.1125/-**      d. Rs. 2250/-
- 09 NHA for grade pay 3 to 5 (VII CPC) staff (B)  
a. Rs. 384/-      **b. Rs. 477/-**      c. Rs. 630/-      d. Rs. 747/-
- 10 Bungalow peon is classified under (C)  
a. Intensive r      b. Continuous      **c. EI**      d. None of the above
- 11 Standard hours for Intensive employment (A)  
**a. 42hrs/week**      b. 48 hrs/week      c. 45 hrs/week      d. None of the above
- 12 The classification of \_\_\_\_\_ employments is defined in Section 130 (a) (A)  
**a. Continuous**      b. Intensive      c. EI      d. Excluded
- 13 Time limit for appealing against classification is \_\_\_\_\_ days. (B)  
a. 30 days      **b. 90 days**      c. 45days      d. None of the above
- 14 Running staff shall be granted rest of \_\_\_\_\_ including full night in bed in a month (C)  
a. 4 periods of 30 hours      b. 5 periods of 22 consecutive hours  
**c. Either a or b**      d. None of the above
- 15 Expand RLC (B)  
a. Regional Labour Court      **b. Regional Labour Commissioner**  
c. Regional Labour counsel      d. None of the above
- 16 Payment of wages Act, 1936 came into force (A)  
**a. 23.04.1936**      b. 13.04.1936      c. 28.04.1936      d. 30.04.1936
- 17 According to \_\_\_\_\_ the wage period not to exceed one month in payment of wages act. (A)  
**a. Sec. 4**      b. Sec. 3      c. Sec. 2      d. Sec.1
- 18 The Payment of Wages (Amendment) Bill, 2017 was introduced in Lok Sabha on (C)  
a. February 23, 2017      b. February 02, 2017      **c. February 03, 2017**      d. February 13, 2017
- 19 Workmen Compensation Act, 1923 came in to force? (B)  
a. 01.07.1923      **b. 01.07.1924**      c. 01.01.1924      d. 01.01.1923
- 20 Commissioner for workmen's compensation appointed under section?

- 21 a. Section 12                      b. Section 02                      c. Section 01                      **d. Section 20**                      (D)  
In which section, amount of compensation mentioned in Workmen compensation act. (A)  
**a. Sec. 4**                      b. Sec. 3                      c. Sec. 2                      d. Sec.1
- 22 Loco performance statics "statement -18" describes (A)  
**a. Engine hours**                      b. Train & Engine kms                      c. Fuel statistics                      d. Train & Engine hrs
- 23 'Leave Reserve' for Loco inspector is provided in the category of (B)  
a. LP goods                      **b. LP Pass**                      c. LP Mail & Exp.                      d. CLI
- 24 Crew links are to be prepared based on (C)  
a. Sanctioned strength                      b. Loco link                      **c. WTT**                      d. Rake link
- 25 Running staff review should be carried out for every (B)  
a. Year                      **b. Six months**                      c. Two years                      d. Three months
- 26 Loco Outage means: (A)  
**a. Loco outage = Engine Hours for traffic use/ 24 hrs.**  
b. Loco outage = Engine KMs for traffic use/24 hrs.  
c. Both a & b                      d. None of the above
- 27 Basic duty of TLC/Power controller (D)  
a. To arrange motive power                      b. To guide running staff  
c. Planning of locos to home shed for maintenance                      **d. All the above**
- 28 "Shram Suvidha Portal" is maintained by (A)  
**a. Ministry of Labour & Employment in central government**  
b. Ministry of Home affairs in central government  
c. Ministry of HRD                      d. None of the above

### RS (D&A) Rules, 1968

- 01 Punishment norms dealt as per (B)

- 02 a. Rule No.5    **b. Rule No. 6**    c. Rule No. 11    d. None of the above  
Procedure for imposing Major penalties in which Rule of RS (D&A) Rules, 1968 (A)  
**a. 9**    b. 11    c. 5    d. None of the above
- 03 During suspension which type of allowance is eligible for running staff (C)  
a. Subsistence allowance    b. Average running allowance  
**c. Both a & b**    d. None of the above
- 04 Standard Form No. 5 relates to (A)  
**a. Issue of major penalty**    b. Issue of suspension  
c. Issue of minor penalty    d. Nomination of Inquiry Officer
- 05 Revision under which rule is to be made? (B)  
a. Rule No. 21    **b. Rule No.25**    c. Rule No. 9    d. None of the above
- 06 According to Rule No. 3.1 of RS (Conduct) Rules, 1966, every Railway Servant shall at all times; (C)  
a. Maintain absolute integrity    b. Maintain devotion to duty  
**c. Both a & b**    d. None of the above
- 07 Appointing authority in relation to a Railway Servant means: (D)  
a. an authority who actually appointed him  
b. equal or higher authority empowered to make appointments to the post  
c. any other authority    **d. a&b only**
- 08 RS (D&A) Rules are not applicable to: (D)  
a. any member of All India Services    b. RPF personnel  
c. any person in casual employment    **d. all of the above**
- 09 While holding enquiry, who have to fix the date, time & venue and inform the Charged employee: (A)  
**a. Inquiry officer**    b. Disciplinary authority  
c. presenting officer    d. Confidential section of the dept
- 10 Inquiry Officer can delegate his functions to: (D)  
a. Disciplinary authority    b. Defence helper  
c. Presenting officer    **d. He cannot delegate**

#### STORES & TENDERS

- 01 GST is calculated on (D)

- a. Basic cost of the material                      b. Basic cost of the material & packing charges  
c. Basic cost of the raw material.  
**d. Basic cost of the material + forwarding charges + freight charges**
- 02 Non stock indents above Rs 45 lakhs have to be approved by \_\_\_\_\_ (C)  
a. JAG scale officer                      b. ADRM  
**c. PHOD/CHOD of department**                      d. None of the above
- 03 Which of the following exercise is being monitored by railway board on regular basis; (C)  
a. PL verification                      b. PL allocation                      **c. PL unification**                      d. PL duplication
- 04 Into how many climatic zones, Indian Railway is classified for supply of uniforms; (B)  
a. 7                      **b. 5**                      c. 9                      d. 18
- 05 The plan head for stores suspense is \_\_\_\_\_. (C)  
a. PH-16                      b. PH-30                      **c. PH-71**                      d. None of the above
- 06 Money allotted for purchase of stock items is called (D)  
a. Purchase money                      b. Purchase balance                      c. Purchase suspense                      **d. Purchase grant**
- 07 The detailed distribution of budget allotment made to railway administrations is contained in ; (C)  
a. Yellow book                      b. Green book                      **c. Pink Book**                      d. White Paper
- 08 As soon as the offer of the tenderer is accepted, the contractor has to deposit SD (D)  
a. Within 30 days of the posting of written notice of acceptance  
b. Within 25 days of receipt of the communication  
c. Within 21 days of receipt of the communication  
**d. Within 14 days of the posting of written notice of acceptance**
- 09 A firm has entered into a contract with Railway to supply an item free off any cost. In the eye of Law (B)  
a. Penalty can be imposed on firm in case of failure in supply  
**b. Contract is not enforceable**  
c. Contract is enforceable, but penalty cannot be imposed  
d. Firm should be considered in future based on supply contract
- 10 In case of Rate Contract (B)  
a. Quantity, Rate., Consignee is stipulated                      **b. Only rate is stipulated**  
c. Quantity and Rate is stipulated                      d. Quantity, rate and Delivery Period is stipulated.
- 11 Which among following is not a material inspecting agency: (C)  
a. RDSO                      b. DOI                      **c. IRTS**                      d. RITES
- 12 What is the name of website for login in E-auction is www. ? (C)  
a. indianrailways.gov. in                      b. scrtrso.gov.in                      **c. ireps.gov.in**                      d. None of the above
- 13 BSV full form (B)  
a. Book sale value                      **b. Balance sale value**                      c. Balance stock value                      d. Bulk store value
- 14 In which form, Materials not required are returned to the nominated stores depot as per stores code ? (A)  
(a) S – 1539                      (b) S-1739                      (c) S-1549                      (d) S-1749
- 15 Disposal of scrap may be done by (D)  
a. Auction                      b. Sale by tender                      c. Sale to other Govt. department and undertakings  
**d. All the above**
- 16 Which of the following items need not to be verified (D)  
a. Dunnage                      b. Petty consumable stores  
c. Dead Stock, Tools & Plants of low value                      **d. All of the above**
- 17 Registration of firm is treated as provisional until the firm (A)

- a. **has executed satisfactorily one order**      b. has secured one order  
 c. has received one tender      d. All of the above
- 18 First two digits in any price list No represent: (D)  
 a. Part Number      b. Specification Number      c. Drawing Number      **d. Group Number**
- 19 Special limited tender is one where (B)  
 a. Number of firms is just one      **b. Purchase value is high but Limited tender is issued**  
 c. Purchase must be restricted from few firms      d. Tender is issued by Registered post

#### **CONTRACTS & WORKS:**

1. Powers of JAG officer for calling of open tenders of works/service contracts up to Rs. \_\_\_\_\_ (D)  
 A. Rs. 2 Crores      B. Rs. 4 Crores,      C. Rs. 8 Crores,      **D. Full powers**

2. Minimum notice period for inviting open tenders in works/service contracts \_\_\_\_ days. (C)  
A. 15                      B. 30                      **C. 21**                      D. 25
3. Minimum notice period for inviting limited tenders in works/service contracts \_\_\_\_ days. (A)  
**A. 15**                      B. 30                      C. 21                      D. 25
4. Cost of tender form costing above Rs. 20 lakhs and up to Rs. 50 lakhs is \_\_\_\_\_. (B)  
A. Rs.2000,                      **B. Rs.3000,**                      C. Rs.5000,                      D. Rs.10000.
5. Composition of Tender committee for works costing Rs. 1 Crore to Rs. 4 Crore. (C)  
A. Jr.Scale of Executive Dept. & Jr.Scale of Accounts Dept.                      B. JAG/SG of Executive Dept & JAG/SG of Accounts Dept  
**C. Sr.Scale of Executive Dept. & Sr.Scale of Accounts Dept.**  
D. JAG/SG of Executive Dept, JAG/SG of Sister Dept & JAG/SG of Accounts Dept.
6. In case of quotation tenders, \_\_\_\_ days notice shall be given. (A)  
**A. 7**                      B. 10                      C. 15                      D. 20
7. The Performance guarantee to be paid for the Service contracts is \_\_\_\_ % of awarded value. (B)  
A. 5                      **B. 10**                      C. 15                      D. 20
8. Earnest Money to be deposited along with tenders up to Rs. 1 Crore is @ \_\_\_\_ %. (B)  
A.5                      **B.2**                      C.10                      D.15
9. In Service contracts the value of the liquidity to be submitted along with the tenders @ \_\_\_\_ % of advertised tender value. (C)  
A.10                      B.8                      **C.5**                      D.2
10. The annual monetary ceiling limit of JAG officer for sanctioning expenditure under Quotations is Rs.\_\_\_\_\_. (D)  
A.50 lakhs                      B.1.2 Crores                      C.10 lakhs                      **D.60 lakhs**
11. Minimum number of contractors/agencies for calling quotations is \_\_\_\_\_. (B)  
A. 2                      **B.3**                      C.4                      D.5
12. 2 packet system of bidding will be adopted for evaluation of Service contracts valuing Rs.\_\_\_\_ and above. (B)  
A. Rs.30 lakhs                      **B. Rs.50 lakhs**                      C. Rs.70 lakhs                      D. Rs. 1 Crore
13. \_\_\_\_% of GST will be levied for Vehicle contracts. (C)  
A. 10                      B. 8                      **C. 5**                      D.18
14. \_\_\_\_% of GST will be levied for Running room maintenance contracts. (D)  
A. 10                      B. 8                      C. 5                      **D.18**
15. EPF will be paid by the Contractor for the work having \_\_\_\_ and above contract employees. (C)  
A.10                      B.15                      **C.20**                      D.25
16. ESI will be paid by the Contractor for the work having \_\_\_\_ and above contract employees. (A)  
A.10                      B.15                      C.20                      D.25
17. The Seignorage collected for Cubic Metre of sand is Rs.\_\_\_\_\_. (C)  
A. Rs.36                      B. Rs.56                      C. Rs.66                      D. Rs.46
18. The Performance guarantee paid by the contractor will be released after \_\_\_\_\_. (B)  
A. After passing of Final bill                      **B. On completion of the work,**  
C. After completion of maintenance period                      D. On submission of 'No claim' certificate
19. The value of the similar nature of work to be submitted along with tender is ----- % of advertised tender value. (D)  
A. 25                      B. 55                      C. 45                      **D.35**
20. The minimum value of the Turn over duly certified by the Chartered Accountant to be submitted along with tender is \_\_\_\_ % of advertised tender value. (B)  
A. 100                      **B. 150**                      C. 75                      D.125

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