

### **OBJECTIVE QUESTIONS OF (C&W)**

- 1) What is the wheel diameter of new LHB coach ?  
a) 867mm    b) 945 mm    **c) 915 mm**    d) 813 mm'' ..... c
- 2) More than -----mm difference between two adjacent CBC height will not be safe.  
a)70    b)50    c) 65    **d)75** ..... d
- 3) In BOXN wagon minimum CBC height from rail level should be.....  
a) 1000 mm    **b) 1030 mm**    c) 1090 mm    d) 1105 mm.....b.
- 4) ----- is the weakest part of CBC.  
a) LOCK    b) Lifter    **c) Knuckle**    d) Operating handle.....c
- 5) In LHB coach .....type CBC is fitted.  
a) G    **b) H**    c) B    d) C .....b
- 6) Main part of CBC which absorbs the thrust is.....  
a) Coupler body    b) Yoke    **c) Draft pad**    d) Knuckle.....c
- 7) In BCN wagon maximum CBC ht from rail level should be.....  
a) 1030 mm    b) 1000 mm    **c) 1105 mm**    d) 1200 mm.....c
- 8) CBC ht of LHB coach from level in tare condition in production units should be max ..... and min.....mm.  
a) 1090...1095    **b) 1095.....1105**    c)1000.....900    d) 1100.....905.....b
- 9) SAB is fitted in .....type wagons.  
a) BOXNHL    **B) BOBSN**    C) BCNHL    D) BVZI.....b
- 10) Bogie mounted brake cylinder system is fitted in .....type wagons and coaches.  
a) ICF    b) LHB    c) BVZI    **d) a & c**.....d
- 11) Body mounted brake cylinder is fitted in.....  
a) BOXN    b) BOXNHL    c) BTPN    **d) a & c**.....d
- 12) The standard wheel gauge of passenger BG coach is.....  
a) 1602 mm    b) 1601 mm    **c) 1600 mm**    d) 1598 mm.....c
- 13) The minimum permissible wheel gauge of passenger BG coach is.....  
a) 1601.5 mm    b) 1602 mm    c) 1600 mm    **d) 1599 mm**.....d
- 14) What is the periodicity of POH for OCV attached to a passenger train.....  
a) 9 months    b) 180 days    c) 12 months    **d) 24 months**.....d

- 15) Transportation code of ladies compartment is.....  
a) L    **b) Y**    c) D    d) Z .....b
- 16) What is the transportation code of inspection carriage.....  
**a) RA**    b) IC    b) AR    c) RI .....a
- 17) What is the transportation code of dining car is.....  
a) WCB    **b) WCD**    c) PC    d) DC.....b
- 18) Transportation code of vestibule second class 3 tier coach fitted with self generation Electrical equipment is.....  
a) **WGSCZ**    b) WGSCN    c) WGACCW    d) MGSCN.....a
- 19) In coaches load transmission takes place through.....  
a) Centre pivot    b) Bogie    c) Wheel    **d) Side bearer**.....d
- 20) Coaching accident involving human life, enquiry to be done by.....  
a) DRM    b) CSO    **c) CRS**    d) AGM.....c
- 21) What is the codal life of ICF coach.....  
a) 26 yrs    b) 30 yrs    **c) 25 yrs**    d) 35 yrs.....c
- 22) What is the codal life of LHB coach.....  
**a) 35 yrs**    b) 30 yrs    c) 25 yrs    d) 20 yrs.....a
- 23) Codal life of light utilization coach is.....  
a) 35 yrs    b) 30 yrs    **c) 40 yrs**    d) 25 yrs.....c
- 24) Tare weight of WGSCZAC coach is.....  
a) 50.30T    **b) 49.30T**    c) 48.77T    d) 47.22T.....b
- 25) Yellow strips on end body of ICF coach indicates.....  
a) Dual brake    B) Air brake    c) Highspeed    **d) Un reserved**.....d

- 26) Tare weight of GS coach is.....
- a) 36.98 T b) 46.99 T c) **36.99 T** d) 38.00T.....C
- 27) In tare condition the bogie frame and bolster clearance of NON AC coach.....
- a) 48+/-3 mm b) **40+/-5 mm** c) 47+/-2 mm d) 29+/-3 mm.....b
- 28) The length of ICF coach over buffer is.....
- a) **22297 mm** b) 22299 mm c) 24000 mm d) 22196 mm.....a
- 29) Rehabilitation of coaching stock is carried out between.....
- a) 10 to 20 yrs b) **12 to 15 yrs** c) 15 to 18 yrs d) 18 to 20 yrs.....b
- 30) Rehabilitation cost of coaching stock is .....percent of new cost.
- a) **25%** b) 30% c) 35% d) 40% .....a
- 31)What is written with coach number to indicate bogie mounted air brake system coach.....
- a) **AB** b) A c) B d) BA.....a
- 32) Hauling capacity of HT type CBC is.....
- a) 8000T b) **9000T** c) 10000 T d) 7000 T.....b
- 33) The minimum tensile stress of H type CBC is.....
- a) 6560 kg/cm<sup>2</sup> b) 6112 kg/cm<sup>2</sup> c) **6327 KG/cm<sup>2</sup>** d) 6720 kg/cm<sup>2</sup>.....
- 34) Permissible variations in wheel tread diameter in same bogie of coach is.....
- a) 10.00 mm b) 7.00 mm c) **5.00 mm** d) 8.00mm.....c
- 35) Permissible variation in wheel tread diameter in same coach is.....
- a) 5.00 mm b) 10.00 mm c) **13 .00 mm** d) 11.00 mm.....c

36) The axle load of AC coach is.....

- a) 22.00T   **b) 16.25T**   c) 15.00 T   d) 20.00T.....b

37) Axle load of WLRRM coach is.....

- a) 16.00T   **b) 16.25T**   c) 20.30 T   d) 20.30T.....b

38) Permissible limit of flat tyre in BG coaches is.....

- a) 60 mm   **b) 50 mm**   c) 75 mm   d) 90 mm.....b

39) Axle load of non AC – ICF coach is.....

- a) 18.2T   b) 17.32 T   c) 16.25 T   **d) 13.00T**.....d

40) What is the new wheel diameter of ICF coach .....

- a) 910mm   **b) 915 mm**   c) 1000 mm   d) 925 mm.....b

41) What is the total length of Axle is.....

- a) 2310+ .5 mm   **b) 2316+0.5/-0.0 mm**   c) 2318+.5/-0.0 mm   d) 2320+0.5/-0.0 mm.....b

42) After POH , the lowest permissible wheel dia of a coach is.....

- a) Not less than 900 mm   b) Not less than 860 mm  
**c) Not less than 837 mm**   d) Not less than 826 mm.....c

43) In twin pipe air brake system the time taken for release of brake is.....

- a) 45 sec.   **b) 27 sec.**   c) 75 sec.   d) 30 sec.....b

44) In passenger train the diameter of BP & FP pipe is.....

- a) 20 mm   **b) 25 mm**   c) 28 mm   d) 30 mm.....b

45) What is the diameter of Bogie mounted brake cylinder....?

a) 10" **b) 8"** c) 14" d) 12".....b

46) The brake cylinder diameter of conventional Air Brake system...?

a) 10" **b)14"** c) 16" d) 20" .....b

47) During release after full service application release time of Mail/EXP. Coach is.....?

a) 5 to 10 sec. b) 10 to 15 sec **c) 15 to 20 sec** d) 20 to 30 sec.....c

48) During brake release ,Air from brake cylinder goes to.....

a) AR b) CR c) DV **d) Atmosphere**.....d

49) In air brake system brake should apply when the rate of drop of air pressure in BP is.....

**a) 0.6 Kg/cm<sup>2</sup> in 06 sec**                      b) 0.3Kg/cm<sup>2</sup> sec.in 01 sec                      c) 0.4Kg/cm<sup>2</sup> in 02 sec  
d) 0.1Kg/cm<sup>2</sup> in 01 sec.....a

50) In.....type brake system SAB is eliminated.

a) UMBS b) BMBS c) BMBC **d) In both BMBS and BMBC**.....d

51) How many brake cylinders are fitted in one ICF coach?

a) 8nos. **b)4 nos.** c) 6 nos. d) 02 nos.....b

52) Maximum tare weight of the LHB coach is.....?

a) 40.28T **b) 41.31 T** c) 41.88 T d) 42.03 T.....b

53) Piston stroke of brake cylinder of LHB.....?

**a) 8-10 mm** b) 15-20 mm c) 22-25 mm d) 25-32 mm.....a

- 54) Diameter of chock in PEAV of LHB coach is .....?
- a) 10.00 mm   b) 15.00 mm   **c) 19.00mm**   d) 22.00 mm.....
- 55) New wheel diameter of ICF coach is.....
- a) 915 mm**   b) 840 mm   b) 1000 mm   c) 900 mm.....a
- 56) Condemning limit of ICF wheel is.....
- a) 910mm   **b) 813 mm**   c) 860 mm   d) 845 mm.....b
- 57) New wheel diameter of LHB coach is .....
- a) 945 mm   b) 910 mm   **c) 915mm**   d) 1000 mm.....c
- 58) Condemning limit of LHB coach is.....
- a) 845 mm**   b) 910 mm   c) 915 mm   d) 900 mm.....a
- 59) Axle load of BLC wagon is.....
- a) 22T   b) 20 T   **c) 20.3T**   c) 24T.....c
- 60) Wheel diameter of BLC wagon in new condition is.....
- a) 940 mm   **b) 840 mm**   c) 860 mm   d) 789 mm.....b
- 61) Condemning limit of wheel diameter of BLC wagons.....
- a) 940 mm   b) 840 mm   **c) 780 mm**   d) 900 mmmm.....c
- 62) In BLC wagons CBC is fitted in.....
- a) BLC "A"**   b) BLC "B"   c) Both A and B   d) None of the above.....a
- 63) In BLC "B" .....type couplers are fitted.
- a) CBC   b) Screw coupling   c) Slack less draw bar   d) Non of the above.....c

64) Wheel diameter of BFKI in new is.....

a) 960 mm   **b) 1000 mm**   c) 840 mm   d) 915 mm.....b

65) Load sensing device is fitted in .....type wagons.

a) BOXN   b) BOBRN   c) BLC   **d) BOBRN and BLC**.....d

66) Maximum speed of BFKI/BFKN wagon is.....

a) 100 kmph   **b) 75 kmph**   c) 80 kmph   d) 90 kmph.....b

67) Maximum speed of BLC wagons is.....

**a) 100 kmph**   b) 75 kmph   c) 80 kmph   d) 90 kmph.....a

68) Standard rake of BLC is .....number of wagons.

a) 40 wagons   **b) 45 wagons**   c) 42 wagons   d) 58 wagons.....b

69) Condemning limit of wheel diameter of BOXN wagons is.....

a) 915 mm   b) 860 mm   **c) 906 mm**   d) 813 mm .....c

70) Full form of ATL fitted in BLC wagons is.....

a) All time lock   b) Any time lock   **c) Automatic twist lock**   d) All train lock.....c

71) .....is fitted in BLC wagons to secure the containers.

**a) ATL**   b) ABL   c) LSD   d) ASC.....a

72) Maximum force required for twisting the lock of BLC wagons during entrance is.....

a) 900 lbs   **b) 800 lbs**   c) 1000 lbs   d) 1200 lbs.....b

73) The force required to release the twisting lock of BLC wagon's container.....

**a) 800 - 900 lbs**   b) 1000-1200 lbs   c) 1600 -2200 lbs   d) 1500-200 lbs

74) "R" date on the body of coach or wagon indicates.....

- a) **Due POH** b) Due IOH c) Off POH d) Due ROH.....a

75) At the bottom left on the end of the coach, a small patch of yellow diagonal strips

Indicates, the coach has.....

- a) **Anti telescopic feature** b) Un reserved c) Screw coupling fitted d) CBC Fitted.....a

76) The coach that is designated to terminate its journey at a station prior to the Final destination of the rest of the train is called.....

- a) **Slip coach** b) Addition coach c) Partly coach d) None of the above.....a

77) What is WSP in LHB coach.....

- a) **WheelSkid Protection** b) Wheel slip provision c) Wheel skid provision  
d) Wheel shoe protection.....a

78) What is LSD?

- a) Low sensor divider b) **Load sensing Device** c) Load sensing divider  
d) Light sensing device.....b

79) Standard diameter of wheel on tread of BOXN wagon is .....

- a) 1010 mm b) **1000 mm** c) 915 mm d) 906 mm .....b

80) Minimum diameter of wheel on tread of BOXN wagon in service is.....

- a) 1000 mm b) 960 mm c) **906 mm** d) 915 mm .....c

81) What is the standard thickness of brake block of BOXN wagon?

- a) 52 mm b) 56 mm c) **58 mm** d) 54 mm .....c



82) Water tank capacity of ICF coach is.....

a) **1800 ltrs** b) 1600 ltrs c) 1500 ltrs d) 2000 ltrs.....a

83) For Minimum application , reduction in BP pressure is.....

a) 1.0 to 1.5 kg/sq.cm b) 0.8 to 1.00 kg/ c) **0.5 to 0.8 kg/sq.cm** d) 1.0 to 2.5 kg/sq.cm.....c

84) Reduction in BP pressure for full service application is.....

a) **1.0 to 1.5kg/sq.cm** b) 0.8 to 1.00 kg/sq.cm c) 0.5 to 0.8kg/sq.cm d) 0.1 to 0.5.....a

85) Reduction in BP pressure for emergency application is.....

a) 0.5 to 0.8 kg/sq.cm b) 1.0 to 1.5 kg/sq.cm c) **1.5 to 3.8 kg/sq.cm** d) 3.8 to 5.0 kg/sq.cm.....c

86) The colour of brake pipe of coaching train is.....

a) White b) **Green** c) Red d) Yellow.....b

87) The colour of Feed pipe in goods train is.....

a) Green b) **White** c) Yellow d) Red.....b

88) The colour of Feed pipe in coaching train is.....

a) Red b) Green c) **White** d) Yellow.....c

89) If there is heavy leakage in DV.....

a) Close the isolating cock of AR b) Close the isolating cock of DV

c) **Close the isolating cock of the BP branch pipe** d) Non of the above.....c

90) In wagons, hand brake is used when.....

a) **Standing in yard** b) Running in down gradient c) Running in up gradient d) Non of the above.....a

91) The ELB device indicator shows.....

a) Yellow –load, Black-Empty **b) Yellow-Empty, Black-load**

c) White-Empty, Black-load d) Red –Empty, Black-load.....b

92) Which of the following are the advantages of Disc brake system.....

a) Higher speed potential of the bogie **b) Almost constant co-efficient of friction over the whole speed range** c) Reduced frequency of wheel turning d) All of the above.....d

93) Braking distance of LHB coach is .....in 160kmph speed.

a) 1100 mtr **b) 1200 mtr** c) 990 mtr d) 1000 mtr.....b

94) In tank wagons Master valve is closed after.....

**a) Unloading** b) Loading c) Running d) Non of the above.....a

95) CODAL LIFE OF TANK WAGON IS.....

a) 35 yrs b) 40yrs c) 25 yrs **d) 45 yrs**.....d

96) NBTCS is the code of .....tank wagon

a) K.Oil b) Chlorine **c) Caustic soda** d) Sulphuric acid.....c

97) Seat capacity of AC-3 tier Economy class is .....

a) 78 b) 82 **c) 83** d) 80.....c

98) Coach code of AC-3 tier Economy class is .....

a) LWACCN b) WGACCN **c) LWACCNE** d) LWEACCN .....c

99) \_\_\_\_\_ type fire extinguishers is used in Indian Railway

a) FOAM b) Water **c) DCPT** d) CO<sub>2</sub> .....c

100) \_\_\_\_\_ cartridge is used in DCPT fire extinguisher .....

a) O<sub>2</sub> b) H<sub>2</sub> **c) CO<sub>2</sub>** d) NH<sub>3</sub> .....c