Time : 2 ½ Hours   Full Marks: 85

ENGLISH (Marks:20)

1. Write the synonyms from the bracket.   3x1=3

    (a) Brief (Limited, Small, Short, Little)

    (b) Alert (Energetic, Observant, Watchful, Intelligent)

    (c) Distant (Far, Removed, Separate, Reserved)

2. Write the Antonyms from the bracket.   3x1=3

    (a) Enormous (Soft, average, tiny, weak)

    (b) Artificial (Actual, Natural, Truthful, Solid)

    (c) Relinquish (Abdicates, Renounce, Possess, Deny)

3. Format the sentence from the given words   3x1=3

    (a) Tea, have, that, before, some.

    (b) At, it, take, once, away.

    (c) Seen, going, you, him, have.

4. Change of voice from Active /Passive & Passive/Active.   3x2=6

    (a) I remember my sister taking me to the Museum

    (b) Who is creating the Mess?

    (c) They greeted me cheerfully every Morning.

5. Rearrange the following five sentences in proper sequence so as to for a meaningful paragraph

                                               5x1=5

    1. After examining him the doctor smile at him mischievously and took out a syringe.

    2. Thinking that he was really sick, his father summoned the family doctor.

    3. That day, Arun wanted to take a day off from school.

    4. Immediately, Arun jumped up from his bed and swore the he was fine.

    5. Therefore; he pretended to be sick and remained in bed.

GENERAL KNOWLEDGE   (25 Marks)

1. The battle of Palasey was fought in :
    (a) 1757 (b)1782 (c) 1748 (d)1764.

2. Tripitaks are sacred books of :
    (a) Buddhists (b) Hindus (c) Jains (d) Muslims

3. Two of the great Mughals wrote their own memories they are:
    (a) Babar & Humayun   (b) Humayun & Jahangir, (c) Babar & Jahangir, (d) Jahangir & Shahajahan.

4. Where is the Railway Staff College located?
    (a) Vadodara (b) Pune (c) Allahabad (d) Delhi

5. The famous Dilwara Temple are situated in
    (a) Rajasthan (b) Uttar Pradesh (c) Maharashtra   (d) Madhya Pradesh

<2>

6. National Institute of Aeronautical Engineering is located at

    (a) Dehradun (b) Lucknow (c) Bangalore (d) Kanpur

7. National Police Academy is located at

    (a) Bangalore (b) Hyderabad (c) Abu Road (d) Dehradun

8. Indian Cancer Research Institute is located at New

    (a) Delhi (b) Calcutta (c) Chennai (d) Mumbai

9. Vikram Sarabhai Space Centre is located at

    (a) Pune (b) Ahmedabad (c) Sriharikota (d)Thirunvanthapuram

10. Mandi House is a the office

    (a) of the P.M (b) the office of Director General of Doordarshan (c) the office of NFDC (d) the Doordarshan C.P.C.

11. The first death anniversary day of Sri Rajiv Gandhi was observed as the

    (a) National Integration Day (b) Peace of Love day (c) Secularism day (d) Anti terrorism day.

12. 20th August is celebrated as

    (a) Earth day (b) Sadvabna divas (c) No Tobacco day (d) None of these

13. January 15th is celebrated as the

    (a) Republic day (b) Ugadhi (c)Teacher's day (d) Army day.

14. The centenary of Mahatma Gandhi's arrival in South Africa was celebrated in

    (a) May 1993 (b) August1993 (c) July 1993 (d) September1993.

15. The pass located at the southern end of the Nilgiri Hills in South India is called

    (a) the palghat gap(b)the bhorghat pass (c)the thaighat pass (d)the bolan pass

16. Which of the following food grain crops occupies the largest part of the cropped area in India

    (a) Barley and maize (b) Jowar and bajra (c) Rice (d) Wheat.

17. The number of major languages, recognized in the Indian Union as official language are

    (a) 15 (b) 22 (c)12 (d) 9.

18. Who is the English physicist responsible for the "Big Bang Theory"?

    (a) Albert Einstein (b) Michael Skube (c) George Gamow (d)Roger Penrose.

19. What Benjamin Franklin invented

    (a) Bifocal Spectacles (b)Radio (c)Barometer (d)Hygrometer

20. Who invented Gramophone?

    (a) Michael Faraday (b)Fahrenheit (c)Sir Alexander Graham Bell (d)Thomas Alva Edison

21. Who invented Internal Combustion Engine?

    (a) Roger Bacon (b) Karl Benz (c) Dr. Alam M.Turing (d) Otto.

22. Who is the father of Geometry?

    (a) Aristotle (b) Euclid (c) Pythagoras (d) Kepler.

23. The Indian to beat the computers in mathematical wizardry is

    (a) Ramanujam (b) Rina Panigrahi (c) Raja Ramanna (d) Shakunthala Devi.

24. Members of the Rajya Sabha are elected for a term

    (a) of six years (b) determined by the state legislative assembly of a state (c) of four years (d) none of this.

<3>

25. The absorption of ink by blotting paper involves

(a) Viscosity of Ink (b) capillary action phenomenon   (c) diffusion of Ink through the blotting
(d)Siphon action.

MATHEMATICS (Marks:30) Any six   6x 5=30 marks

1. Find the length of the bridge, which a train 130 meters long and travelling at 45 km/hr. can cross in 30 seconds.

2. Two trains running in opposite directions cross a man standing on the platform in 27 second and 17 seconds respectively and they cross each other in 23 seconds. Find the ratio of their speeds.

3. The cost price of 20 articles is the same as the selling price of X articles. If the profit is 25%, then find the value of X.

4. In a certain store, the profit is 320% of the cost. If the cost increases by 25% but the selling price remains constant, approximately what percentage of the selling price is the profit?

5. If a person walks at 14 km/hr. instead of 10/km/hr., he would have walked 20 km more. What is the actual distance travelled by him?

6. Reema took a loan of Rs. 1200/- with simple interest for as many years as the rate of interest. If she paid Rs. 432/- as interest at the end of the loan period, what was the rate of interest?

7. A, B & C do a piece of work in 20,30 & 60 days respectively. In how many days can "A" do the work if he is assisted by "B" and "C" on every third day?

WRITE A PARAGRAPH IN HINDI OR IN ENGLISH   (Marks: 10)

(a) Global Warming   or

(b) Your favorite family story.

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Time : 2 ½ Hours   Full Marks: 85

GROUP-A

1. You are sunil, write a letter to your father to send Rs. 1000/- for Hostel charges, you are studying at residential school at Merrut.   ---- 5

                    OR

   You are Sunil write a letter to the Editor in any Leading Newspaper about the poor condition of road in your area.

2. Read the paragraph and answer the following-

   "The minimum distance prescribed for the restricted train should be travelled by through ticket holder for journey by such trains. No passenger will be booked on a through ticket against short distance quota within the distance restricted zone of the distance restricted trains. Also while booking reservation for stations within distance restricted zones, tickets will not be issued for stations beyond the reservation up to the point. If you are found travelling by distance restricted train with a short distance ticket you will have to pay the difference of fare paid and the fare payable plus usual penalty as per extant rule."

   i.   What is meant by **FARE**?   ------ 1
   ii.   Write the opposite meaning of **RESTRICTED**.   ------ 1
   iii.   If a person travelled by a distance restricted train with short distance ticket what is the rule to penalize the passenger?   ------ 2
   iv.   What is the similar meaning **FOUND**.   ------ 1

3. Write a paragraph with the following hints,   ------ 5

   A crow was thirsty ……………… found a pitcher, ………………… water at the bottom ………………….., picked up pebbles ………………….. , pebble dropped inside the pitcher ……………… Able to drink water.

4. There are some incorrect form of word/ incorrect word used in the paragraph given below with italic & underlined, write the correct word,   ------ 5

   Long time ago there lived a young man name Matrigupta. He writes the most beautiful poems, but nobody were interested in his poem, neither the King or commoners. So Matrigupta remained a poor man. He wondered about in search of patron but all in vain.

5. Fill up the Blank with correct work,   ------ 5

   i.   He is ………. MBBS doctor.
   ii.   The car was going with …………….. 60 Km per hour speed.
   iii.   You should lean this ……………….. Heart.
   iv.   Look ………. The black board.
   v.   He came from Delhi ………….. Train.

6. Write about the celebration of 15th august in India(English/Hindi) with in 150 words.

        OR   ------ 5

   A train Journey (with in 150 words in Hindi/English).

<2>

7. Fill up the blanks with opposite meaning of word. ------ 5

    i.   How many words did he ………………. (spell) ?

    ii.   We often ……….. (remember) to take medicine.

    iii.   Ranu ……… (like) reading the Novel.

    iv.   ……….. (everyone) except Sanjib was present three.

    v.   Rehana's teacher consider her ………….. (stupid)

GROUP-B

1. Write the full from (any five) ------ 5

    i.   BEML

    ii.   IIM

    iii.   SAIL

    iv.   MLA

    v.   SAIL

    vi.   NHAI

    vii.   NDA

2. Writh the tick mark on the correct option ------ 15

    i.   The finance minister of West Belgal

        a. Sri Asim Mitra,   b. Sri Ashoke Mitra,   c. Sri Madan Mitra,   d.   Sri   Amit Mitra.

    ii.   Sri Ravishankar is related with,

        a.   Tabla,   b. Sitar   c. Guitar   d. Flute.

    iii.   Saina Nehwal is related with,

        a.   Table Tennis b. Lawn Tennis   c. Hand Ball   d. Badminton.

    iv.   Meenakshi temple is located at

        a.   Madurai,   b. Bhilai   c. Rameswaram   d. None of them

    v.   The Lungs in Human body are a part of the system for,

        a.   Reproduction b. Respiration   c. Excretion   d. Nutrition

    vi.   The lemon is having the property of

        a.   Alkaline   b. Acidic   c. Carbonic   d. Alcoholic

    vii.   Night blindness happened due to deficiency of,

        a. Vitamin A   b. Vitamin B   c. Vitamin D   d. Vitamin E

    viii. The land mark bounded b water mass is referred as ,

        a. Island   b. Coast   c..Peninsula   d. None of them

    ix.   Au the symbol of

        a. Silver   b. Gold.   C. Antimony   d. Platinum

    x.   The device used to measure electricity consumption in your house is a

        a. Water meter b. Voltmeter   c. Ammeter   d. Energymeter

    xi.   Mother Tereza was awarded with Noble Prize for her contribution to

        a. Peace   b. Economy   c. Physics   d. Literature

<3>

xii. The sum of angles of a triangle is

    a. 190   b. 180   c. 240   d. 270

xiii. The unit of Volume is

    a. Kg.   b. Pound   c. Litre   d. Acre

xiv. To see the distant object we can use

    a. Telescope   b. Periscope   c. Microscope   d. Stroboscope

xv. The Resistance of a wire is measure by

    a. Galvanometer b. Ohm Meter   c. Hydrometer   d. Lactometer

GROUP-C   (Any five)   (5x6=30)

1. A wall is 20 m long, 15 m wide and 10 m height made of bricks, if one brick size is 20 cm x 10 cm x 5 cm, find how many bricks are required to construct the wall. Ignore mortar thickness.

2. Factorize the following,

   $A^2 + 3 ab – 40 b^2$

3. A right angled triangle which bale is 10 cm, and the angle between base and hypotenuse is 45^0, find the height of the triangle.

4. Solve the equeation-

   $2x +3y – 41 = 0$ and $4x – 2y = 10$

5. Mumbai express starts from Howrah with a speed of 60 Km/hr at 8 AM, after 2 hrs Geetanjali express left from Howrah with a speed of 80 Km/hr, when both the train will meet.

6. Find the value of –

   2 ¼ + 6 ½ +8 ¾ - 7 ¼ x 3 ¾

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MODEL QUESTIONS FOR COMPASSIONATE APPOINTMENT IN GR. "C'
UNDER KHARAGPUR WORKSHOP

GROUP – A (English)

1. Fill I the blanks   6 marks

   a. I really _____ with my maths today. (Struggled / Stumble / Stop)

   b. Our restaurant table was _____ (recovered / received / reserved)

   c. When I heard the whistle I stopped _____ (immense / instantly / inspector)

   d. We had to _____ a fairy story (write / right / writ)

   e. My story was an exciting story full of _____ (strange / spelling / suspense)

   f. I hope one day that my story will get _____ in the school newspaper (practiced / pushed / published)

2. Read the paragraph and answer the following.   6 marks

   In case you require reservation in excess of the above limit of 6 passengers your may contact controlling Officer/Chief Reservation Supervisor of the concerned reservation officer permission to book more number of passengers in a group. However, such booking of bulk accommodation is available only after 10.00 hrs. on computerized reservation system subject to overall limit on trains as per extant rules and availability of accommodation.

   a. Write opposite meaning of   a) excess   b) limit.

   b. Write meaning of   a) passenger b) available

   c. Write the similar word of   a) system   b) bulk.

3. Fill in the blanks-   6 marks

   a. What would like to _____ today ? asked Mum.   (were / where / wear)

   b. I like to _____ the ducks on the lake. (look / have / feed)

   c. The boy shouted "_____" as loud by as he could   (under / against / help)

   d. Are we _____ to the zoo.   (gone / going / go)

   e. Have you _____ any sweets left   (get / give / got)

   f. I need to get my _____ cut.   (here / hair / her).

4. Write in full form:-   a) IIM   b) BEML.   2 marks

GROUP- B   1 X 25 marks

1. Which of the following uses no-conversional source of energy ?

   a. Kerosene   b) wax candle   c) solar system

2. Electric current is measured by

   a) Volt meter   b) anemometer   c) commutator   d) ammeter

3. Wankhede stadium is situated in

   a) Chandigarh   b) Bangalore   c) Mumbai   d) Chennai

4. The Olympic Games are normally held at an interval of

   a) 2 years   v) 3 years   c) 4 years   d) 5 years

5. Jaspal Rana is the name associated with which of the following games ?

   a) Boxing   b) shooting   c) archery   d) weight lifting.

<2>

6. Which amongst the following abbreviation stands for organization related to Indian Defence Programme?

   a) DOD   c) RDSO   c) DRDO   d) DRES

7. AID stands for

   a) Acquired Immune Disease Syndrome   b) Acquired Immunity Deficient   c)   Acquired Immune Deficiency   d) Acquired Infection Deficiency.

8. The hardest substance available on earth is –

   a) Platinum   c) diamond   c) quartz   d) gold

9. 2008 Olympic games were held in –

   a) China   b) Greece   c) Italy   d) France

10. A person wants to contest election for the membership of Gram Panchayat what be his age?

   a) 18 years or above b) 19 years or above c) 21 years or above d) minimum 25 years

11. The monetary unit of Bangladesh is –

   a) Rupee   b) Takka   c) Rupish   d) Dollar

12. Development means economic growth plus –

   a) Inflation   b) deflation   c) price stability   d) social change.

13. When did Vasco-da-game come to India

   a) 1942   b) 1948   c) 1598   d) 1542

14. The general who gave the firing order of Jallianwala Bag was

   a) Tegart   b) Cornwallis   c) simpson   d) O. Dwyer

15. Mahatma Gandhi was born in

   a) Wardha   b) Porbander   c) Sabarmati   d) Ahmadabad

16. Where did the dance form "Mohini Attam" develop?

   a) Manipur   b) Kerala   c) Karnataka   d) Tamilnadu

17. In banking ATM stands for

   a) Automated tallying system   b) Automatic Taller Machine

   b) Automated Totaling machine   d) Automated Transaction Money.

18. Which of these is not a mosquito borne disease?

   a) Dengue Fever   b) Malaria   c) Filariasis   d) Goiter

19. Which acid is produced when milk gets sour?

   a) Tartaric acid   b) Butyric acid   c) Arctic acid   d) Acetic acid

20. Person with which blood group are called Universal donors?

   a) AB   b) A   c) O   d) B

21. Silk is produced by

   a) Egg of silk worm b) Pupa of silk worm c) Larva of silk worm d) Insect itself

22. The head quarter of North Western Railway

   a) Abu Road   b) Jodhpur   c) Ajmer   d) Jaipur

23. Oscar prize is related to

   a) Literature   b) Films   c) Science   d) Music

<3>

24. Arjun award is given for

    a) Bravery in the battle field   b) Excellence in archery

    b) Excellence in sports   d) Excellent service during emergency

25. Bismillah Khan is related to

    a) Tablah   b) Sarod   c) Flute   d) Shehnai

GROUP-C   (5 X 6)   30 marks

1. BY SELLING AN ARTICLE FOR Rs. 40, there is a loss of 40%. What will be gain by selling it for Rs. 80?

2. A number consist of two digits whose sum is 8. If 8 is subtracted from the number, the digits interchange their places. What is the number?

3. On selling three articles at the cost of four articles. What will be profit there?

4. A horse is tied to a peg hammered at one of the corner of a rectangular grass field of 40 m by 24 m by a rope 14 m long over how much area of the field can the house graze?

5. The sides of a triangle are in the ratio 3:5:7 and its perimeter 30 cm. what is the length of the greatest side of the triangle in cm is?

GROUP-D   10 marks

1. Write paragraph in English or in Hindi.

    Official language of India.

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