RRB RPF

TEST SERIES

DATE- __ /__ /__
DAY- _____

INSTRUCTION FOR CANDIDATE

TEST SERIES NO.
SG Set 03

QUESTION- 120   **MARKS- 120**   **NEGATIVE MARK- 1/3**   **DURATION- 90 MIN.**

1. USE ONLY BALL PENS WITH BLACK OR BLUE INK

2. AS SOON AS THE EXAMINATION STARTS, YOU MUST CHECK THIS QUESTION BOOKLET AND IF THERE IS ANY UNPRINTED, MUTILATED OR PARTIALLY PRINTED PAGE OR QUESTION IN IT, THEN REPLACE IT WITH THE CORRECT QUESTION BOOKLET THROUGH THE EXAMINER.

3. THERE ARE A TOTAL OF 120 QUESTIONS IN THIS QUESTION BOOKLET.

4. THIS IS AN OBJECTIVE TEST, IN WHICH FOUR OPTIONS ARE GIVEN FOR THE ANSWER TO EACH QUESTION, YOU HAVE TO CHOOSE ONLY ONE OPTION WITH THE CORRECT ANSWER OUT OF THESE FOUR OPTIONS.

5. ANSWERS TO ALL QUESTIONS ARE TO BE WRITTEN ON SEPARATE ANSWER SHEETS.

6. INSTRUCTIONS FOR FILLING THE ANSWER SHEET ARE WRITTEN ON THE BACK SIDE OF THE ANSWER SHEET, READ THEM CAREFULLY BEFORE FILLING THE ANSWER SHEET.

7. BLANK PAGES ARE AVAILABLE IN THIS QUESTION BOOKLET FOR ROUGH WORK.

8. CANDIDATES CANNOT LEAVE THE ROOM BEFORE THE END OF THE EXAMINATION.

9. AFTER THE EXAMINATION IS OVER, YOU CAN GO OUT ONLY WITH HIS PERMISSION AFTER SUBMITTING THE ORIGINAL COPY OF THE ANSWER SHEET TO THE INVIGILATOR.

10. AFTER THE COMPLETION OF THE EXAMINATION, THE CANDIDATE IS ALLOWED TO TAKE THE QUESTION BOOKLET AND ANSWER SHEET WITH HIM/HER.

11. 1 MARKS WILL BE GIVEN FOR EACH CORRECT ANSWER AND 1/3 MARKS WILL BE DEDUCTED FOR EACH WRONG ANSWER.

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10 Years of Excellence

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10 Years of Excellence

Total: 120 Que.	RPF Set 03	Time: 90 Min.

General Awareness

1). 'The Substance and the Shadow' is the autobiography of _____.

(a) Guru Dutt   **(b)** Shammi Kapoor

(c) Dilip Kumar   **(d)** Dev Anand

2). _____ is a land which has been left uncultivated for more than five years and can be used for cultivation after improving it through reclamation practices.

(a) Permanent Grassland   **(b)** Forest Land

(c) Culturable Wasteland   **(d)** Current Fallow Land

3). The _____ water utilisation is very high in the states of Punjab, Haryana, Rajasthan, and Tamil Nadu.

(a) sea   **(b)** rain   **(c)** ground   **(d)** river

4). Muhammad Ghori was defeated by a _____ ruler in 1191

(a) Gahadavala   **(b)** Maurya   **(c)** Chahamana

(d) Chalukya

5). Which medal has Neeraj Chopra won in the National Athletics Federation Cup recently?

(a) Bronze   **(b)** Gold   **(c)** Silver

(d) None of these

6). The longest continuous wall in India, the second longest in the world, is at _____ fort.

(a) Kumbhalgarh   **(b)** Mehrangarh   **(c)** Chittorgarh

(d) Kangra

7). Fondly called the 'Haryana Hurricane' , _____ made his test debut in the year 1978

(a) Kapil Dev   **(b)** Sunil Gavaskar

(c) Dilip Vengsarkar   **(d)** Ravi Shastri

8). Which country has recently conducted a successful training launch of Fatah II rocket system?

(a) Iran   **(b)** Bangladesh   **(c)** Pakistan

(d) Bhutan

9). Planned economic development in India began in _____ with the inception of the First Five Year Plan.

(a) 1948   **(b)** 1951   **(c)** 1956   **(d)** 1958

10). In which of the following states are the Sundargarh deposits of Manganese located?

(a) Gujarat   **(b)** Maharashtra   **(c)** Odisha

(d) Kerala

11). What is the length of the Indian border with Afghanistan?

(a) 106 km   **(b)** 575 km   **(c)** 601 km   **(d)** 755 km

12). Birhor dance is a tribal folk dance from _____.

(a) Karnataka   **(b)** Himachal Pradesh   **(c)** Punjab

(d) Jharkhand

13). Which country has recently launched the world's first 6G device?

(a) China   **(b)** Japan   **(c)** America   **(d)** France

14). Solids can be classified as _____ on the basis of the nature of order present in the arrangement of their constituent particles.

(a) conductor or non-conductor

(b) crystalline or amorphous

(c) metallic or non-metallic

(d) magnetic or non-magnetic

15). Hallisaka is originally a group dance of _____?

(a) Maharashtra   **(b)** Goa   **(c)** Gujarat

(d) Rajasthan

16). Sagol Kangjei, an indigenous game of Manipur is similar to the modern day sports of:

(a) boxing   (b) hockey   (c) cricket   (d) polo

17). Baliyatra, which literally means 'A Voyage to Bali', is a festival celebrated with great pomp, especially in _____.

(a) Cuttack   (b) Vellore   (c) Gurgaon   (d) Kochi

18). People like small farmers and seasonal workers, who regularly move in and out of poverty, are classified as _____.

(a) occasionally poor   (b) churning poor

(c) always poor   (d) usually poor

19). Who has been appointed as the Executive Director of UN-MPTFO by UNDP recently?

(a) Richard Gill   (b) David Salvagnini

(c) Alain Naudeho   (d) John Michael

20). Which Indian footballer has recently retired from international football?

(a) Gurpreet Singh   (b) Manveer Singh

(c) Sunil Chhetri   (d) Sumit Sinha

21). Jayaprakash Narayan was given the title of '_____'

(a) Deenbandhu   (b) Deshbandhu   (c) Loknayak

(d) Jana Nayak

22). The process of evolution of different species in a given geographical area starting from a point and literally radiating to other areas of geography (habitats) is called _____.

(a) Adjustive radiation   (b) Adjustive evolution

(c) Adaptive evolution   (d) Adaptive radiation

23). Tax reform is related to reforms in the government's taxation and public expenditure policies, which are collectively known as _____.

(a) fiscal policy   (b) fiscal reforms

(c) monetary reforms   (d) monetary policy

24). Name the high frequency radiation produced in nuclear reactions and also emitted by radioactive nuclei that is used in medicine to destroy cancer cells.

(a) Ultraviolet waves   (b) Gamma rays

(c) Lightwaves   (d) X-rays

25). _____ states that for a solution of volatile liquids, the partial vapour pressure of each component of the solution is directly proportional to its mole fraction present in solution.

(a) Dalton's law   (b) Raoult's law

(c) Faraday's law   (d) Boyle's law

26). When a host is exposed to antigens, which may be in the form of living or dead microbes or other proteins, antibodies are produced in the host body. This type of immunity is called _____ immunity.

(a) acquired   (b) active   (c) passive   (d) strong

27). Electrical conductance through metals is called electronic conductance and it _____.

(a) does not depend on temperature

(b) decreases with increase in temperature

(c) increases with increase in temperature

(d) decreases with decrease in temperature

28). ONGC _____ is a subsidiary of the Indian public sector undertaking, Oil and Natural Gas Corporation.

(a) Vishesh   (b) Vinesh   (c) Vidhensh   (d) Videsh

29). Detritiovers in the soil break down detritus into smaller particles. This process is called _____.

(a) Catabolism   (b) Mineralization

(c) Fragmentation   (d) Leaching

30). Who is the first Indian to be awarded the Nobel Prize in Physics?

(a) Subramanyan Chandrasekhar

(b) Venkatraman Ramakrishnan

(c) Har Gobind Khorana

(d) Chandrasekhara Venkata Raman

31). The charge has to passed ____ to obtain maximum work from a galvanic cell.

(a) Proportionately   (b) Inversely   (c) Reversibly

(d) Uniformly

32). Nuclear membrane is absent in organisms that fall under kingdom _____.

(a) Fungi   (b) Animalia   (c) Monera   (d) Plantae

33). Which bank has recently launched India's first virtual credit card PIXEL?

(a) Axis Bank   **(b)** HDFC Bank   **(c)** ICICI Bank

(d) KOTAK BANK

---

34). Mohandas Karamchand Gandhi returned to India in the year _____ after two decades of residence abroad.

(a) 1869   **(b)** 1893   **(c)** 1905   **(d)** 1915

---

35). Lord Hastings initiated the _____ where the East India Company claimed that its authority was supreme and hence its power was greater than that of Indian states.

(a) Government's Stores Policy

(b) Policy of 'Paramountcy'   **(c)** Imperial Policy

(d) Doctrine of Lapse

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36). Where was the 7th joint anti-terrorism mock drill exercise 'Tarkash' of India-US held recently?

(a) Jaipur   **(b)** Mumbai   **(c)** Kolkata   **(d)** Chennai

---

37). Called the farmer's 'friend', the _____ helps in the breakdown of complex organic matter as well as in loosening of the soil.

(a) locust   **(b)** earthworm   **(c)** rat   **(d)** weed

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38). Sakewa is a religious festival celebrated by the Kirat Khambu Rai community of _____.

(a) Meghalaya   **(b)** Arunachal Pradesh

(c) Nagaland   **(d)** Sikkim

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39). ._____ was elected as President of the Indian National Congress in December 1929 at its annual session in the city of Lahore.

(a) Subhas Chandra Bose

(b) Sardar Vallabhbhai Patel   **(c)** Jawaharlal Nehru

(d) Lal Bahadur Shastri

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40). Of the 552 members of the Lok Sabha, _____ members represent the states

(a) 520   **(b)** 540   **(c)** 530   **(d)** 550

---

41). Viswanathan Anand, Pentala Harikrishna and Vidit Gujrathi are associated with the game of _____.

(a) cricket   **(b)** football   **(c)** chess   **(d)** kabaddi

---

42). Languages like Nyishi, Apatani and Bokar are widely spoken in _____.

(a) Assam   **(b)** Arunachal Pradesh   **(c)** Mizoram

(d) Nagaland

---

43). The discovery and understanding of electromagnetic induction is based on a long series of experiments carried out by _____.

(a) Planck and Fermi   **(b)** Einstein

(c) Faraday and Henry   **(d)** Rutherford

---

44). What is the total area of the state of Goa?

(a) $270km^2$ **(b)** $4702\ km^2$ **(c)** $3702\ km^2$

(d) $1702\ km^2$

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45). The first of 33 declassified files relating to Netaji Subhas Chandra Bose was handed over by the Prime Minister's office (PMO) to the National Archives of India on 4th December _____.

(a) 2019   **(b)** 2018   **(c)** 2014   **(d)** 2015

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46). A set of equations, which include electric and magnetic fields, their source, charge, and current densities, is known as the equation of _____.

(a) Einstein   **(b)** Bohr   **(c)** Newton   **(d)** Maxwell

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47). The British annexed Punjab after defeating the Sikhs in the Anglo-Sikh War in the year _____.

(a) 1839   **(b)** 1835   **(c)** 1845   **(d)** 1849

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48). Which of the following poems is NOT written by Sarojini Naidu?

(a) A Love Song from the North

(b) My Dead Dream   **(c)** In the Forest

(d) The Banyan Tree

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49). With which of the following sports are Ritwik Bhattacharya, Joshna Chinappa and Saurav Ghosal associated?

(a) Squash   **(b)** Wrestling   **(c)** Tennis

(d) Weight lifting

---

50). Which of the following public sector enterprises falls under the status 'Maharatna'?

(a) Bharat Sanchar Nigam Limited

(b) Hindustan Aeronautics Limited

(c) Steel Authority of India Limited

(d) Mahanagar Telephone Nigam Limited

Arithmetic

1). Kamal can do a work in 15 days. Bimal is 50% more efficient than Kamal in doing the work. In how many days will Bimal do that work?

(a) 14 days   (b) 12 days   (c) 10 days

(d) $10\frac{1}{2}$ days

2). A shopkeeper mixed two varieties of rice at Rs. 20/kg and Rs. 30/kg in the ratio 2 : 3 and sell the mixture at 10% profit. Find the price per kg at which he sold the mixture?

(a) Rs. 26   (b) Rs. 28.8   (c) Rs. 28   (d) Rs. 28.6

3). A jar contains a mixture of two liquids A and B in the ratio 4 : 1. When 10 litre of the mixture is replaced with liquid B, the ratio becomes 2 : 3. The volume of liquid A present in the jar earlier was:

(a) 20 litre   (b) 10 litre   (c) 16 litre   (d) 15 litre

4). A can do a work in 18 days, B in 9 days and C in 6 days. A and B start working together and after 2 days C joins them. In how many days will the job be completed?

(a) 4.33 days   (b) 4 days   (c) 4.66 days

(d) 5 days

5). The sum of money which becomes Rs.2420 at 10% rate of compound interest after two years is

(a) Rs.2000   (b) Rs.1000   (c) Rs.2500

(d) Rs.1500

6). A sum of money is paid back in two annual instalments of Rs. 17, 640 each, allowing 5% compound interest compounded annually. The. sum borrowed was how much?

(a) Rs. 32,800   (b) Rs. 32.200   (c) Rs. 32,000

(d) Rs. 32,400

7). How many seconds will a 120 meter long train running at the rate of 36 km/hr take to cross a bridge of 360 metres in length?

(a) 48 sec   (b) 40 sec   (c) 46 sec   (d) 36 sec

8). If three unbiased coins are tossed simultaneously, then what is the probability of exactly two heads?

(a) 3/19   (b) 8/13   (c) 1/17   (d) 3/8

9). There are 14 male employees and 12 female employees in a department of an organization. In how many ways can a male and a female employee be chosen from the department to represent the department in the employees union meeting?

(a) 168   (b) 20   (c) 145   (d) 180

10). If 2A = 3B = 5C, then what is A : B : C?

(a) 2 : 3 : 5   (b) 5 : 3 : 2   (c) 6 : 10 : 15

(d) 15 : 10 : 6

11). A person sold a book for Rs 21 and got a loss percentage which was numerically equal to the cost price. What is the cost price (in Rs) of the book?

(a) 30   (b) 70   (c) Both 30 and 70

(d) connect be determined

12). One third of a certain journey is covered at the speed of 80 km/hr, one fourth of the journey at the speed of 50 km/hr and the rest at the speed of 100 km/hr. What will be the average speed (in Km/hr) for the whole journey?

(a) 75   (b) 67   (c) 66.66   (d) 76.66

13). The average of 50 results was calculated as 30 but later it was found that while calculating, 73 was taken as 33 by mistake, then what will be the correct average?

(a) 29.2   (b) 30.8   (c) 31.6   (d) 34

14). The average of marks obtained by A and B is 15 less than that of average marks obtained by B and C. If the marks obtained by C are 65, then what are the marks obtained by A?

(a) 35   (b) 50   (c) 65   (d) 80

15). $\dfrac{0.72 \times 0.72 \times 0.72 - 0.39 \times 0.39 \times 0.39}{0.72 \times 0.72 + 0.72 \times 0.39 + 0.39 \times 0.39}$ is equal to

(a) 0.39   (b) 0.36   (c) 0.33   (d) 0.45

16). In ΔACE, B and D are the point on side AC and CE, respectively, such that BD ∥ AE and AE= (8/3) BD. What is the ratio of the area of ΔBDC to that of ΔAEC?

(a) 3 : 8   **(b)** 8 : 11   **(c)** 9 : 64   **(d)** 9 : 16

17). If a train runs at 60 km/h, it reaches its destination 15 minutes late. But, if it runs at 80 km/h, it is late by 7 minutes only. The Right time for the train to cover its journey is:

(a) 18 minutes   **(b)** 17 minutes   **(c)** 20 minutes

(d) 21 minutes

18). Two numbers are in the ratio 4:5. If their HCF is 16, then the sum of these two numbers is:

(a) 144   **(b)** 124   **(c)** 160   **(d)** 150

19). What is the value of 13 ÷ {4 of 2 − 3 + 4 × (6 − 4)}?

(a) 1/3   **(b)** 0   **(c)** 1.3   **(d)** 1

20). An average temperature of a week was 30°C. If the average temperature of the first four days of the week was 31°C, then what was the average temperature for the rest of the days of the week?

(a) 29.33°C   **(b)** 29°C   **(c)** 28.5°C   **(d)** 28.67°C

21). Small spherical balls of radius 0.7cm are dropped into a cylindrical container of diameter 7cm, which contains some water. Find the number of spherical balls that should be dropped in to the container, so that water level rises by 5.6 cm.

(a) 130   **(b)** 240   **(c)** 150   **(d)** 250

22). What is (0.08% of 0.008% of 8)$^{1/9}$?

(a) 0.2   **(b)** 0.08   **(c)** 0.8   **(d)** 0.64

23). If 60% of (x - y) = 45% (x + y) and y = k% of x, then 21% of k is equal to:

(a) 7   **(b)** 1   **(c)** 6   **(d)** 3

24). If A's income is 40% of B's income and B's income is 24% more than C's income, then by what percentage is C's income more than A's income? (Your answer should be correct to one decimal place.)

(a) 104.2   **(b)** 75.6   **(c)** 101.6   **(d)** 50.4

25). A person saves 25% of his income. His income increases by 20% and still he saves the same amount as before, the percentage increase in his expenditure is _____.

(a) 25(1/3)   **(b)** 24   **(c)** 25   **(d)** 26(2/3)

26). If x + y + z = 10 and xy + yz + zx = 15, then find the value of $x^3 + y^3 + z^3 − 3xyz$.

(a) 660   **(b)** 525   **(c)** 550   **(d)** 575

27). If x + 1/x = 7, then find the value of $x^2 − 1/x^2$

(a) 47   **(b)** 45   **(c)** 7√47   **(d)** 21√5

28). What is the compound interest on Rs.5000 in 2 years at the rate of 20% per annum? (interest compounded half yearly)

(a) Rs.2340.50   **(b)** Rs.2275.50   **(c)** Rs.2290.50

(d) Rs.2320.50

29). Rahul scored 66.66% of marks in 1st semester. He scored 'x' marks in 2nd semester and 77.77% marks in 3rd semester. There were six subject in each semester and maximum marks of each subject were 150. The overall percentage obtained by Rahul in all the three semesters together was 75%. Find the value of x.

(a) 725   **(b)** 805   **(c)** 755   **(d)** 780

30). If the base radius of two right circular cone are in the ratio of 2:3 and their heights in the ratio of 3:4. What is the ratio of their volumes?

(a) 2:1   **(b)** 2:3   **(c)** 1:3   **(d)** 4:1

Direction: The given line graph represents the revenue trends (in Rs. Crores) of a firm from the sale of three products B, C and D in 6 years from 2014 – 2019 . Study the line graph carefully and answer the question that follows:

Revenue from products B, C and D

31). The total revenue of the company from the sale of all three products in 2018 is what percentage of the total revenue from the sale of product D in 6 years:

(a) 55.24%   **(b)** 57.74%   **(c)** 59.54%   **(d)** 61.34%

32). The number of years, in which the revenue of the company from the sale of product C is more

than the average revenue from the sale of product B over six years, is:

(a) 2   (b) 3   (c) 4   (d) 5

---

33). Find the value of x, if $21^{\sqrt{x}}+20^{\sqrt{x}}=29^{\sqrt{x}}$.

(a) 2   (b) 3   (c) 4   (d) 0

---

34). A single discount equivalent to three successive discounts of 8%, 15%, and 12% is:

(a) 17.5%   (b) 68.816%   (c) 35%   (d) 31.184 %

---

35). What is the average revenue per annum of the company over 6 years?

(a) Rs. 81.67 Crores   (b) Rs. 83.33 Crores

(c) Rs. 83.67 Crores   (d) Rs. 82.33 Crores

General Intelligence & reasoning

1). A is B's wife's husband's brother. C and D are sisters of B. How is A related to C?

(a) Brother   (b) Sister-in-law   (c) Wife   (d) Sister

---

2). In the following question, select the related word from the given alternatives.
Clock : Time :: Ammeter : ?

(a) Voltage   (b) Heat   (c) Current   (d) Watt

Direction: A word and number arrangement machine when given an input line of words and numbers rearranges them following a particular rule in each step. The following is an illustration of input and rearrangement. (All the numbers are two digit numbers.)
Input: pink for 25 72 white jar 12 96
Step I: 96 pink for 25 72 white jar 12
Step II: 96 for pink 25 72 white jar 12
Step III: 96 for 72 pink 25 white jar 12
Step IV: 96 for 72 jar pink 25 white 12
Step V: 96 for 72 jar 25 pink white 12
Step VI: 96 for 72 jar 25 pink 12 white
and Step VI is the last step of the rearrangement as the desired arrangement is reached.
As per the rules followed in the above steps, find out in each of the following questions the appropriate step for the given input. (All the numbers are two digit numbers.)

3). Input: 16 power failure 61 53 new cost 27
How many steps will be required to complete the rearrangement?

(a) Six   (b) Seven   (c) Five   (d) Four

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4). Jaya walked north from her house with her son Rakesh. Rakesh's school bus took him to the right before the signal point. Jaya continued on the same line and put petrol in the scooter. She then turned to her left and went to a supermarket. Which direction is the supermarket from the petrol pump?

(a) East   (b) South   (c) North   (d) West

---

5). In the following question, two statements are given, followed by two conclusions I and II. You have to consider the statement to be true even if they seem to be at variance from commonly known facts, You have to decide which of the given conclusions, if any, follow from the given statements.
Statements:
(1) Due to contamination of water, large numbers of people were admitted to hospital.
(2) The symptoms were of Typhoid
Conclusions:
I. Contamination of water may lead to Typhoid.
II Typhoid is a contagious disease.

(a) Only conclusion I is true

(b) Only conclusion II is true

(c) Both conclusions I and II are true

(d) Both conclusions I and II are false

---

6). Which answer figure will complete the pattern in the question figure?
Question Figure :

Answer Figure :
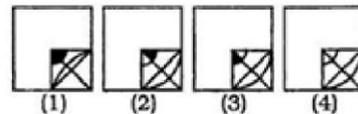
(a) Fig.(1)   (b) Fig.(2)   (c) Fig.(3)   (d) Fig.(4)

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7). Consider the given statement/s to be true and decide which of the given conclusions/assumptions can definitely be drawn from the given statement.
Statements:
1) Some principals are teachers.
2) All teachers are students.
Conclusions:
I. All principals are students.
II. Some students are principals.

(a) Only conclusion I follows

(b) Only conclusion II follows

(c) Both conclusion I and conclusion II follow

(d) Neither conclusion I nor conclusion II follows

---

8). Three friends A, B and C are standing around an equilateral triangle park in such a way that A and B are standing at the base and C is standing at the top corner. The measure of each

side is 6 meters. B is standing at the south-east of C. A and B walk towards North-West and North-East respectively for 6 meters at 60-degree angle. Then B and A turn towards their left and right respectively and meet at C. What is the distance between A and B now?

(a) 6 meters   **(b)** 0 meters   **(c)** 28 meters

(d) 7√2 meters

---

9). Deepu started his journey from A and moves 2 km towards South, then he turns right and moves 1/2 kilometre. Again he takes a right turn and walks 2 km. Now he takes a left turn and walks 3 km more. How far he is from the starting point?

(a) 3.5 km   **(b)** 2.5 km   **(c)** 7.5 km   **(d)** 1.5 km

---

10). Consider the given statement/s to be true and decide which of the given conclusions/assumptions can definitely be drawn from the given statement.

Statement:
1) All elephants are men.
2) All men are socks.
Conclusion :
I: Some socks are elephants.
II: All elephants are socks.

(a) Only Conclusion I follows

(b) Only Conclusion II follows

(c) Both Conclusions I and II follows

(d) Neither conclusion I nor II follows

---

11). A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
D4W, G9T, J16Q, ?

(a) L25N   **(b)** P25M   **(c)** O25J   **(d)** M25N

---

12). In the following question, select the related group of letters from the given alternatives.
BD: YW :: HJ: ?

(a) SR   **(b)** QQ   **(c)** SQ   **(d)** ST

---

13). A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
AZ, GT, MN, SH, ?

(a) YB   **(b)** VE   **(c)** YD   **(d)** RI

---

14). A series is given with one term missing, Choose the correct alternative from the given ones that will complete the series.
19, 28, 39, 52, ?, 84

(a) 39   **(b)** 52   **(c)** 67   **(d)** 84

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15). Which answer figure will complete the pattern in the question figure?

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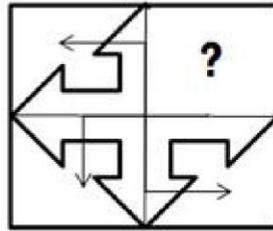
16). Select the option that is related to the third term in the same way as the second term is related to the first term.
K : F :: Q : ?

(a) D   **(b)** L   **(c)** O   **(d)** W

Direction: Study the following data carefully and answer the questions accordingly.
Eight cricketers M, N, O, P, Q, R, G and H stayed on eight different floors of a hotel in England during world cup but not necessarily in the same order. The ground floor is numbered 1; the floor above it is numbered 2; and so on, until the topmost floor is numbered 8. O stayed below R. Q did not stay immediate above G. More than two people stayed between H and G. R stayed on odd number floor but not on the third floor. H stayed immediate below R. Six persons stayed between M and G. P stayed immediate above Q but below N.

17). The number of persons stayed between M and P is same as the number of persons stayed between O and_____.

(a) N   **(b)** R   **(c)** H   **(d)** G

---

18). If H is related to P and R is related to N then, in the same way, Q is related to -

(a) O   **(b)** N   **(c)** P   **(d)** G

---

19). Who among the following stayed on the sixth floor?

(a) N   **(b)** The one, who stayed just below M

(c) The one, who stayed three floors above O

(d) The one, who stayed between R and N

20). If the day before yesterday was Friday, what day will two days after the day after tomorrow be?

(a) Saturday   (b) Thursday   (c) Friday

(d) Sunday

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21). If the 23rd of a month is a Sunday, what day it would have been two weeks and four more days earlier?

(a) Monday   (b) Tuesday   (c) Wednesday

(d) Thursday

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22). If FAKE is coded as 52106 and MAD is coded as 1223, then how will DEER be coded as?

(a) 35418   (b) 36420   (c) 36419   (d) 47520

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23). In the following question, select the related word pair from the given alternatives.
Tongs : Hold :: ? : ?

(a) Shovel : Scoop   (b) Oar : Dig

(c) Spade : Row   (d) Shield : Feed

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24). In a class of 30 students, 16 like football and 18 like volley ball, how many students like both sports?

(a) 4   (b) 6   (c) 8   (d) 3

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25). If in a certain code 'OPERATION' is written as 'BWDATXPBJ' and PARENT' is written as 'WRADJX', how will 'ORIENT' be written in that code?

(a) PSJFOU   (b) BAPDJX   (c) BPADJX

(d) BWPDJX

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26). Select the option in which Figure-X is embedded(Rotation is not allowed).


(a)   (b)   (c)   (d)

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27). Kusum is the wife of Ravi. Govind and Prabhu are brothers. Govind is the brother of Ravi. Prabhu is Kusuma's

(a) Cousin   (b) Brother   (c) Brother-in-law

(d) Uncle

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28). Study the given pattern carefully and select the number that can replace the question mark (?) in it.
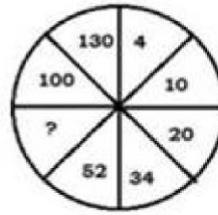
(a) 82   (b) 96   (c) 74   (d) 64

---

29). Select the letter-cluster that can replace the question mark (?) in the following series.

TULG, WRPC, ZOTY, CLXU, ?

(a) GIAQ   (b) FIBQ   (c) FJCQ   (d) FICR

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30). If in a certain way ROCKET is coded as XLIGVP, then how MOBILE will be coded in the same manner?

(a) YLNVLR   (b) YLNVOR   (c) YLNUOR

(d) YLMVOR

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31). Direction: The question below consists of a question and two statements numbered I and II given below it. You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and give answer.

Amongst five people - C, D, E, F and G each have different weights.

Who is the second heaviest among all persons?

I. D is the heaviest person. B is lighter than E and G.E is the third lightest person.

II. F is heavier than G. Only two persons are lighter than G.

(a) Data in statement I alone is sufficient to answer the question, while the Data in statement II alone is not sufficient to answer the question.

(b) Data in statement II alone is sufficient to answer the question, while the Data in statement I alone is not sufficient to answer the question.

(c) Data either in Statement I alone or in statement II alone is sufficient to answer the question.

(d) Data in both the Statements I and II together is not sufficient to answer the question.

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32). A+B means A is mother of B.

A-B means A is sister of B.

A÷B means A is daughter of B.

AxB means A is father of B.

P x Q – R ÷ S + T

How P is related to T?

(a) Uncle   **(b)** Brother   **(c)** Mother   **(d)** Father

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33). A question and three statements labelled (I), (II) and (III) are given. You have to decide which statement(s) is/are sufficient to answer the question.

Question: What is the number of students in science stream?

Statements:

I. Class teacher remembers that the number of students is between 25 and 37

II. Principal remembers that the number is multiple of 9 and an even number.

III. Monitor of the class remembers that number of students is a perfect square.

(a) Statement I and II together are sufficient.

(b) Statement II and III together are sufficient.

(c) Statement I and II or I and III together are sufficient.

(d) Both I, II and III together are sufficient.

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34). A question and three statements labelled (I), (II) and (III) are given. You have to decide which statement(s) is/are sufficient to answer the question.
Question: What is the average weight of A, B, C and D?
Statements:

I. Weight of B is 18 kg more than A and 20 kg more than C. Weight of D is 40 kg which is 10 kg less than C.
II. Average weight of B and C is 60kg. A's weight is 12 kg more than D's weight.

(a) Only statement I is sufficient.

(b) Statement I and II together are sufficient.

(c) Data is not sufficient.   **(d)** Only II is sufficient.

Direction: Each of the questions below consist a question following two statements numbered I and II. You have to decide whether the data provided in the statements are sufficient to answer the question. Study the data carefully and answer the questions accordingly.

35). Six people are sitting around a triangle table. Three of them sit at the corners facing outside and three are sitting on the sides facing inside. Who sits third to the right of H?

I. S is not sitting near J. H is not facing outside. N sits second to the right of L.
II. More than two people sit between L and H. One person sits between J and H. U sits third to the right of J.

(a) The data in statement I alone is sufficient to answer the question, while data in statement II alone is not sufficient to answer the question.

(b) The data in statement II alone is sufficient to answer the question, while data in statement I alone is not sufficient to answer the question.

(c) The data in statement I alone or in statement II is sufficient to answer the question.

(d) The data in both statements I and statement II together are necessary to answer the question.