

RRB NTPC UG Memory based paper 13 June 2026 S1

Q1. India's first integrated Carbon Capture, Utilisation and Storage (CCUS) field laboratory facility was inaugurated at which institution in May 2026?

- (a) IIT Delhi
- (b) IIT Madras
- (c) IIT Bombay
- (d) IISc Bengaluru

Ans.(c)

Q2. The disease caused by deficiency of protein in children is called-

- (a) Pellagra
- (b) Beri-Beri
- (c) Kwashiorkor
- (d) Rickets

Ans.(c)

Q3. Which of the following Acts had provided the establishment of a public service commission for recruiting civil servants in British India?

- (a) Government of India Act, 1919
- (b) Government of India Act, 1929
- (c) Government of India Act, 1935
- (d) Government of India Act, 1909

Ans.(a)

Q4. Who was appointed as the Chairman of the BRISEC Chamber of Commerce & Industry (BRISEC CCI) in May 2026?

- (a) Sam Pitroda
- (b) Harsh Vardhan Shringla
- (c) Dr. Harvansh Chawla
- (d) Amitabh Kant

Ans.(c)

Q5. In March 2026, the Directorate General of Civil Aviation (DGCA) signed an MoU with Gati Shakti Vishwavidyalaya (GSV) for which of the following purposes?

- (a) To expand international air routes in India
- (b) To train skilled manpower in aviation including maintenance and management
- (c) To privatize airport operations across India
- (d) To manufacture commercial aircraft in India

Ans.(b)

Q6. Which of the following acts in India was based on report of a committee headed by the British Prime Minister Lord North?

- (a) Charter's Act 1793
- (b) Government of India act 1858
- (c) Regulating Act 1773
- (d) Pitts India Act 1784

Ans.(c)

Q7. Which of the following statements correctly describes the objective of the Atmanirbhar Bharat Rozgar Yojana?

- (a) It aims to support the agriculture sector through direct income support to farmers
- (b) It provides financial assistance for developing urban infrastructure projects
- (c) It incentivizes employers to create formal employment opportunities by offering EPF benefits
- (d) It offers subsidies to women entrepreneurs starting new businesses

Ans.(c)

Q8. In India, biodiversity hotspots are primarily located in

- (a) Central India and the Deccan Plateau
- (b) the Cold desert of Ladakh
- (c) the Mediterranean, Sardinia and Sicily
- (d) the Western Ghats and Eastern Himalayas

Ans.(d)

Q9. Which of the following rivers forms the western boundary and drains a major part of the Valmiki Tiger Reserve?

- (a) Kosi River
- (b) Son River
- (c) Gandak River
- (d) Bagmati River

Ans.(c)

Q10. In February 2026, the Constitution of India was launched in which of the following regional languages on International Mother Language Day?

- (a) Gujarati and Tamil
- (b) Marathi and Telugu
- (c) Bengali and Kannada
- (d) Punjabi and Odia

Ans.(a)

Q11. SkyHop Aviation received DGCA approval in April 2026 to launch India's first commercial seaplane service in which Union Territory?

- (a) Andaman & Nicobar Islands
- (b) Lakshadweep
- (c) Dadra & Nagar Haveli
- (d) Chandigarh

Ans.(b)

Q12. Who among the following won the gold medal in the men's high jump event at the World Police and Fire Games 2025, held in Birmingham, Alabama, in July 2025?

- (a) Inspector Ravi Thakur (Delhi Police)
- (b) Gurjeet Singh from Haryana (CISF)
- (c) Head Constable Abhinav Singh (Uttar Pradesh Police)
- (d) Constable Rajeev Kumar (CISF)

Ans.(b)

Q13. Which of the following features is not characteristic of the Indus Valley Civilization (Harappan Civilization)?

- (a) Well-planned urban centers with grid patterns.
- (b) Use of iron tools for agriculture.
- (c) Advanced drainage and water management systems.
- (d) Presence of a Great Bath and granaries.

Ans.(b)

Q14. The folk dance “Dollu Kunita” is popular in India. Which state is associated with this dance, characterized by vigorous drum-based performances?

- (a) Karnataka
- (b) Kerala
- (c) Tamil Nadu
- (d) Andhra Pradesh

Ans.(a)

Q15. The NISAR satellite mission is primarily related to which type of imaging?

- (a) Sample return
- (b) Optical imaging
- (c) Radar imaging
- (d) Spectroscopy

Ans.(c)

Q16. Shin guard is the term primarily related to which of the following sports?

- (a) Badminton
- (b) Long jump
- (c) Football
- (d) Handball

Ans.(c)

Q17. Which of the following combinations correctly matches the vitamin with its function and deficiency disorder?

- (a) Vitamin A - Promotes calcium absorption - Deficiency causes Scurvy
- (b) Vitamin D - Regulates vision pigments - Deficiency leads to Pellagra
- (c) Vitamin B12 - Aids nerve function and red blood cell formation - Deficiency causes Pernicious anaemia
- (d) Vitamin C - Supports blood clotting - Deficiency leads to Night blindness

Ans.(c)

Q18. Which Constitutional Amendment Act added the Ninth Schedule to the Constitution of India?

- (a) Fourth Amendment Act, 1955
- (b) Seventeenth Amendment Act, 1964
- (c) Twenty-ninth Amendment Act, 1972
- (d) First Amendment Act, 1951

Ans.(d)

Q19. In the post-liberalization era, the agricultural marketing system remained inefficient due to which structural factor?

- (a) Full deregulation of exports
- (b) Uniform E-NAM adoption
- (c) Over-corporatization of produce
- (d) Weak APMC reform implementation

Ans.(d)

Q20. What is the bit length used to represent MAC addresses in computer networking systems?

- (a) 64 bits
- (b) 48 bits
- (c) 128 bits
- (d) 32 bits

Ans.(b)

Q21. Which of the following rivers originates from Sihawa in Raipur district of Chhattisgarh and runs through Madhya Pradesh and Odisha?

- (a) Godavari
- (b) Mahanadi
- (c) Sarayu
- (d) Kosi

Ans.(b)

Q22. Which of these Presidents was NOT the Vice President of India before he became the President?

- (a) Sarvepalli Radhakrishnan
- (b) Zakir Husain
- (c) VV Giri
- (d) Giani Zail Singh

Ans.(d)

Q23. Which gas was discovered by Joseph Priestley in 1774?

- (a) Oxygen
- (b) Hydrogen
- (c) Carbon dioxide
- (d) Nitrogen

Ans.(a)

Q24. Which style of music is associated with the Carnatic tradition?

- (a) Khayal
- (b) Dhrupad
- (c) Kriti
- (d) Tappa

Ans.(c)

Q25. The 10th India-Kenya Joint Trade Committee (JTC) meeting, where a customs cooperation MoU was signed, was held in which city?

- (a) New Delhi
- (b) Nairobi
- (c) Mombasa
- (d) Mumbai

Ans.(b)

Q26. Which of the following is not a valid Email platform

- (a) Bing
- (b) Gmail
- (c) AOL
- (d) Outlook

Ans.(a)

Q27. After the creation of five new districts in April 2026, the total number of districts in Ladakh became:

- (a) 5
- (b) 6
- (c) 7
- (d) 8

Ans.(c)

Q28. What is the name of the AI-powered judicial assistance chatbot launched by Chief Justice of India Surya Kant in May 2026?

- (a) Nyaya Mitra
- (b) Su Sahay
- (c) Nyaya AI
- (d) e-Sahayak

Ans.(b)

Q29. In March 2026, Goa Shipyard Limited (GSL) launched INS Shachi for the Indian Navy and delivered ICGS Achal to which organization?

- (a) Border Security Force (BSF)
- (b) Indian Air Force (IAF)
- (c) Indian Coast Guard (ICG)
- (d) Central Reserve Police Force (CRPF)

Ans.(c)

Q30. Which constitutional amendment made it mandatory for the state to provide free and compulsory education to children aged 6-14 years?

- (a) 73rd Amendment
- (b) 86th Amendment
- (c) 93rd Amendment
- (d) 97th Amendment

Ans.(b)

Q31. In the context of Microeconomics, the graphical representation of the demand function is called the:

- (a) demand curve
- (b) goods curve
- (c) supply curve
- (d) seller curve

Ans.(a)

Q32. In the case of a convex lens, under what specific object position is the image formed at 2F (F is the focal length) and has the same size as the object?

- (a) At focus F
- (b) At 2F
- (c) Beyond 2F
- (d) At infinity

Ans.(b)

Q33. Which of the following articles in the Indian Constitution states that there shall be a Council of Ministers with the Prime Minister at the head to aid and advise the President who shall, in the exercise of his functions, act in accordance with such advice?

- (a) Article 84
- (b) Article 74
- (c) Article 70
- (d) Article 50

Ans.(b)

Q34. A constant force acts on an object of mass 4 kg for a duration of 2 s. It increases the object's velocity from 2 m/s to 8 m/s. What is the magnitude of the applied force?

- (a) 24 N
- (b) 10 N
- (c) 12 N
- (d) 8 N

Ans.(c)

Q35. When did the Indian Air Force initiate Operation Safed Sagar, providing air support with targeted strikes on enemy positions during the Kargil War?

- (a) May 1, 1999
- (b) May 26, 1999
- (c) June 10, 1999
- (d) July 1, 1999

Ans.(b)

Q36. Right to education was added to our constitution mentioned in which of the following article?

- (a) Art 51
- (b) Art 51A
- (c) Art 21
- (d) Art 21A

Ans.(d)

Q37. Which of the following best describes the primary objective of the National Rural Livelihood Mission (NRLM), also known as Aajeevika?

- (a) Providing public works-based relief in urban drought-affected areas
- (b) Ensuring compulsory procurement of crops at minimum support prices
- (c) Creating urban wage employment through municipal-level projects
- (d) Promoting self-employment through SHGs supported by bank credit and subsidies

Ans.(d)

Q38. What is considered a feature of Akbar's reign in the context of architectural blending?

- (a) Fatehpur Sikri Fort
- (b) Red Fort of Delhi
- (c) Jama Masjid of Agra
- (d) Taj Mahal of Agra

Ans.(a)

Q39. Which of the following is the keyboard shortcut to go to the Review tab in Microsoft Excel 2010?

- (a) Alt+A
- (b) Ctrl+A
- (c) Alt+R
- (d) Ctrl+R

Ans.(c)

Q40. Maria wants to manage startup programs and services that run automatically when Windows 11 starts. Which Windows utility provides dedicated "Startup" and "Services" task for this purpose?

- (a) System Restore
- (b) Windows Defender
- (c) MSConfig
- (d) Disk Cleanup

Ans.(c)

Q41. Simplify: $\left[(24 \times 6) \times \left\{2 \div 2 \times \left(18 - \frac{12}{2}\right)\right\}\right]$

- (a) 432
- (b) 1435
- (c) 872
- (d) 1728

Ans.(d)

Q42. The H.C.F. and the L.C.M. of two numbers are 28 and 336, respectively. If one of the numbers is 112, find the other one.

- (a) 140
- (b) 84
- (c) 112
- (d) 56

Ans.(b)

Q43. Simplify $(5z - 12y)^2 + (12z + 5y)^2 - 144z^2$.

- (a) $24z^2 + 171y^2$
- (b) $25z^2 + 169y^2$
- (c) $31z^2 + 161y^2$
- (d) $32z^2 + 170y^2$

Ans.(b)

Q44. Three pipes X, Y, and Z can fill a tank in 12, 15, and 20 hours, respectively. All three pipes are opened together but pipe Z is closed 3 hours before the tank is completely filled. In how many hours will the tank be filled?

- (a) 6 hours 15 minutes
- (b) 6 hours 45 minutes
- (c) 5 hours 45 minutes
- (d) 5 hours 15 minutes

Ans.(c)

Q45. A jar contains a mixture of two liquids A and B in the ratio 3 : 4. If 5 litres of liquid A is added into the jar, then their respective ratio becomes 4 : 5. The quantity of liquid B contained in the jar is:

- (a) 75 litres
- (b) 90 litres
- (c) 80 litres
- (d) 100 litres

Ans.(d)

Q46. If $\operatorname{cosec} \theta + \sin \theta = 2$, then find the value of $\operatorname{cosec}^6 \theta + \sin^6 \theta$.

- (a) 2
- (b) 3
- (c) $\frac{1}{2}$
- (d) 1

Ans.(a)

Q47. Ramesh deposits ₹24,000 in his account, which pays an annual interest rate of 12% compounded quarterly. Calculate the total amount in his account after six months

- (a) ₹25,461.60
- (b) ₹25,937
- (c) ₹25,678.60
- (d) ₹25,431

Ans.(a)

Q48. If $x + \frac{1}{x} = -3$, find the value of $x^3 + \frac{1}{x^3}$

- (a) 0
- (b) -18
- (c) -3
- (d) 9

Ans.(b)

Q49. Find the median from the following data.

Age in years	15-25	25-35	35-45	45-55	55-65	65-75	75-85
No. of patients	37	11	26	10	39	25	18

- (a) 59 years
- (b) 72 years
- (c) 68 years
- (d) 54 years

Ans.(d)

Q50. Karan and Arjun start a business. Karan invests ₹15,000 more than Arjun. Karan invests for 3 months, and Arjun invests for 4 months. At the end of the business, the total profit is ₹6,060, and Karan's share is ₹2,020 more than Arjun's share. Find the capital contributed by Karan.

- (a) ₹24,087
- (b) ₹ 24,000
- (c) ₹ 23,885
- (d) ₹24,093

Ans.(b)

Q51. Find the area of a regular hexagon whose side measures $16\sqrt{2}$ cm.

- (a) $876\sqrt{3} \text{ cm}^2$
- (b) $786\sqrt{3} \text{ cm}^2$
- (c) $867\sqrt{3} \text{ cm}^2$
- (d) $768\sqrt{3} \text{ cm}^2$

Ans.(d)

Q52. In what ratio should sugar costing ₹36 per kg be mixed with sugar costing ₹13 per kg so that by selling the mixture at ₹15.4 per kg, there is a profit of 10%?

- (a) 2 : 21
- (b) 1 : 22
- (c) 2 : 20
- (d) 2 : 24

Ans.(b)

Q53. Successive discounts of 20% and 29% are equivalent to a single discount of:

- (a) 46.66%
- (b) 46.44%
- (c) 42.5%
- (d) 43.2%

Ans.(d)

Q54. Along a circular running track, P can complete 5 rounds in 40 minutes. Time taken by R to complete 7 rounds is equal to time taken by P to complete 6 rounds. If they start running in the same direction from two different ends of a diameter, then they will meet for the first time after ____ minutes.

- (a) 28
- (b) 30
- (c) 24
- (d) 20

Ans.(c)

Q55. The average age of 51 students in a class is 24 years. If the age of the teacher is also included, the average age of the whole group becomes 25 years. The age (in years) of the teacher is:

- (a) 76
- (b) 75
- (c) 77
- (d) 71

Ans.(a)

Q56. If $\sqrt{3} \tan A = 3 \sin A$, find the value of $(2\sqrt{3} \operatorname{cosec} A \times \tan A)$

- (a) 6
- (b) $\sqrt{3}$
- (c) $2\sqrt{3}$
- (d) 2

Ans.(a)

Q57. During a sale, 44% of the goods are sold at a profit of 47%. Of the remaining goods, 25% are sold at a profit of 22%, and the rest are sold at a loss of 38%. If the overall profit is x%, what is the value of x ?

- (a) 18.5
- (b) 18
- (c) 7.8
- (d) 12.4

Ans.(c)

Q58. What is the minimum value that must be assigned to A so that the 8 -digit number 130A1568 is divisible by 8 ?

- (a) 0
- (b) 5
- (c) 2
- (d) 3

Ans.(a)

Q59. A man sells two articles for ₹ 42000 each. He gets a profit of 45% on one article and loses 45% on the other article. What is his overall profit or loss (to the nearest integer) in this transaction?

- (a) ₹21329 profit
- (b) ₹21429 profit
- (c) ₹ 21329 loss
- (d) ₹21429 loss

Ans.(c)

Q60. ₹13,403 is divided among S, B and C in such a way that if ₹40, ₹83 and ₹68 be deducted from their respective shares, they have money in the ratio 21:11:4. Find the difference between the original shares of B and C.

- (a) ₹2,519
- (b) ₹2,669
- (c) ₹2,719
- (d) ₹2,584

Ans.(d)

Q61. The base of a right pyramid is a square with diagonal 16 units. Its slant edge is 17 units. What is its vertical height?

- (a) 12
- (b) 15
- (c) 30
- (d) 25

Ans.(b)

Q62. If 2 times the age of Ram is 24 years more than 2 times the age of Ramya, and 4 times the age of Ramya is 3 years less than the age of Ram, then what is the difference (in years) between the ages of Ram and Ramya?

- (a) 15
- (b) 12
- (c) 11
- (d) 9

Ans.(b)

Q63. Krish has ₹1407 with him. He divides this amount between his two sons, Veer and Nitin, and asks them to invest their respective shares at a compound interest rate of 10% per annum, compounded annually.

It is observed that Veer's investment amounts to the same value after 14 years as Nitin's investment does after 15 years.

How much (in ₹) did Krish give to Nitin?

- (a) 837
- (b) 737
- (c) 520
- (d) 670

Ans.(d)

Q64. The sum of three numbers x, y and z is 12 and their squares sum is 20. What will be the value of $x^3 + y^3 + z^3 - 3xyz$?

- (a) -305
- (b) 305
- (c) -504
- (d) 505

Ans.(c)

Q65. One diagonal and perimeter of a rhombus are 16 cm and 40 cm, respectively. Find the other diagonal.

- (a) 10 cm
- (b) 12 cm
- (c) 11 cm
- (d) 14 cm

Ans.(b)

Q66. The cost price of 28 mangoes is the same as the selling price of 25 mangoes. Find the profit percentage.

- (a) 12%
- (b) 11.6%
- (c) 10.9%
- (d) 10%

Ans.(a)

Q67. If $15\% \text{ of } 80 - \frac{3}{6} \times \sqrt[3]{216} \times \sqrt{36} = y$, then the value of y is

- (a) -6
- (b) -12
- (c) -3
- (d) -10

Ans.(a)

Q68. When the difference between compound interest, compounded annually, and simple interest for three years is ₹152 at 4% interest per annum, the principal is ₹_____.

- (a) 30,675
- (b) 32,450
- (c) 31,670
- (d) 31,250

Ans.(d)

Q69. A train 240 meters long crosses a bridge 420 meters long in 22 seconds. What is the speed of the train in km/h?

- (a) 104 km/h
- (b) 112 km/h
- (c) 116 km/h
- (d) 108 km/h

Ans.(d)

Q70. If the surface area of a sphere is 314 sq. cm.. Find its radius. (Take $\pi=3.14$)

- (a) 50 cm
- (b) 0.5 cm
- (c) 0.05 cm
- (d) 5 cm

Ans.(d)

Q71. In a certain coded language 'DUSKY' is coded as 'FZQHT' and 'BURLY' is coded as 'DZPIT'. How will 'AMAZE' be coded in the same code language?

- (a) CRYWZ
- (b) DPXWA
- (c) BQYYZ
- (d) DQAWB

Ans.(a)

Q72. Refer to the following number and symbol series and answer the question that follows.

Counting to be done from left to right only. All numbers are single-digit numbers.

(Left) 1 & 5 * 3 ^ 6 £ \$ 2 @ 8 % 7 4 < 9 (Right)

How many such symbols are there, each of which is immediately preceded by an odd number but not immediately followed by an even number?

- (a) One
- (b) Three
- (c) None
- (d) Two

Ans.(d)

Q73. Each vowel in the word WAMBLES is changed to the letter immediately following it in the English alphabetical order and each consonant is changed to the letter immediately preceding it in the English alphabetical order. How many letters will appear exactly twice in the new group of letters thus formed?

- (a) Two
- (b) Three
- (c) Zero
- (d) One

Ans.(c)

Q74. Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- (a) TVZ
- (b) JLP
- (c) LNR
- (d) NPV

Ans.(d)

Q75. KGLO is related to QMRU in a certain way based on the English alphabetical order. In the same way, NJOR is related to TPUX. To which of the following is EAFI related to, following the same logic?

- (a) KGLP
- (b) KHLO
- (c) KHL P
- (d) KGLO

Ans.(d)

Q76. In a certain code language, 'VOLT' is coded as '6428' and 'LIFE' is coded as '5761'. What is the code for 'L' in the given code language?

- (a) 7
- (b) 2
- (c) 6
- (d) 5

Ans.(c)

Q77. Lv is the daughter of Jy. Fm is the daughter of Nw. Dg is the brother of Lv. Nw is married to Dg. How is Fm related to Jy?

- (a) Son's daughter
- (b) Father's father
- (c) Brother's daughter
- (d) Son's wife

Ans.(a)

Q78. What should come in place of the question mark (?) in the given series?

1 2 8 16 64 ?

- (a) 124
- (b) 128
- (c) 132
- (d) 136

Ans.(b)

Q79. Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

VZY 64 XBA 58 ZDC 52 BFE 46 ?

- (a) DHG 40
- (b) DGF 39
- (c) DIF 40
- (d) DHM 39

Ans.(a)

Q80. Refer to the following number and symbol series and answer the question that follows. All numbers are single-digit. Counting to be done from left to right.

(Left) 6 @ 8 \$ 7 1 * 2 + £ 5 & 3 Ω 9 # % 4 (Right)

How many such symbols are there each of which is immediately preceded by a number and also immediately followed by another symbol?

- (a) 2
- (b) 4
- (c) 3
- (d) 1

Ans.(a)

Q81. 5 boys J, R, M, B and C are sitting in a row facing south (not necessarily in the same order). R is to the immediate right of M. B is to the immediate left of M. J is to the right of R. C is to the left of M. How many boys are sitting to the left of C?

- (a) 1
- (b) 2
- (c) 3
- (d) 0

Ans.(d)

Q82. A, B, C, D, E, F and G are sitting around a circular table facing the centre. D sits to the immediate right of B. E sits third to the right of B. G sits third to the left of D. C is the immediate neighbour of D and E. A is not an immediate neighbour of B.

How many people sit between F and D when counted from the left of F?

- (a) Five
- (b) Three
- (c) Four
- (d) Two

Ans.(c)

Q83. Seven boxes, B, D, E, P, S, T and W, are kept one over the other but not necessarily in the same order. Only three boxes are kept above B. Only one box is kept between P and B. Only three boxes are kept between P and T. T is kept at some place above B. D is kept immediately below T. E is kept at one of the places above S. W is not kept immediately above or below P. How many boxes are kept between S and D?

- (a) One
- (b) Two
- (c) Four
- (d) Three

Ans.(d)

Q84. Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- (a) FHC
- (b) JLP
- (c) MOJ
- (d) DFA

Ans.(b)

Q85. A question and three statements labeled (I), (II) and (III) are given. You have to decide which statement(8) is/are sufficient to answer the question.

Question: Who is the shortest among P, Q, R, S and T?

Statements.

- I. D is taller than T but shorter than S.
- II. Q is shorter than R but taller than T.
- III. S is taller than R and P is taller than Q.

Select the right option from the following.

- (a) Only statement I is sufficient.
- (b) Only statement III is sufficient.
- (c) Statement II and either I or III are sufficient.
- (d) Both I and III are sufficient.

Ans.(c)

Q86. What should come in place of the question mark (?) in the given series based on the English alphabetical order?

DHS HLW LPA PTE ?

- (a) TXS
- (b) TIX
- (c) TXI
- (d) TCD

Ans.(c)

Q87. Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(Note: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – operations on 13 such as adding/deleting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

- (2, 4, 18)
- (4, 6, 50)
- (a) (6, 7, 65)
- (b) (3, 5, 32)
- (c) (5, 4, 18)
- (d) (2, 5, 49)

Ans.(b)

Q88. In a certain code language, 'LITE' is coded as '1527' and 'EDIT' is coded as '5124'. What is the code for 'D' in the given code language?

- (a) 4
- (b) 5
- (c) 1
- (d) 2

Ans.(a)

Q89. Refer to the following number, symbol series and answer the question. Counting to be done from left to right only. All numbers are single digit numbers only.

(Left) £ 9 2 9 £ # 4 9 8 2 9 © © 7 @ 6 8 € 7 € € # (Right)

How many such numbers are there each of which is immediately preceded by a number and also immediately followed by a number?

- (a) 4
- (b) 6
- (c) 5
- (d) 3

Ans.(a)

Q90. In a code language,

A + B means 'A is the father of B'

A - B means 'A is the mother of B'

A * B means 'A is the sister of B'

A ÷ B means 'A is the brother of B'

Based on the above, how is Q related to P if 'Q + R * S - T ÷ P'?

- (a) Father's brother
- (b) Mother's brother
- (c) Father
- (d) Mother's father

Ans.(d)

Q91. When decoded, OPTRRE read as PORTER. In the same way, how EROPTR will read as?

- (a) PROPER
- (b) PORT
- (c) REPORT
- (d) ROPE

Ans.(c)

Q92. In a certain code language, 'she is lovely' is coded as 'kl pc cp' and 'lovely paint here' is coded as 'lk cp no'. How is 'lovely' coded in the given language? (All codes are two-letter codes)

- (a) kl
- (b) pc
- (c) cp
- (d) no

Ans.(c)

Q93. A, B, C, D, E, F and G are sitting around a circular table facing the centre. E sits third to the left of B. D sits second to the right of B. C sits to the immediate right of F. G sits second to the right of A. How many people sit between G and C when counted from the left of C?

- (a) Three
- (b) Two
- (c) Four
- (d) One

Ans.(b)

Q94. Select the pair which follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

ADE : FIJ

MDG : RIL

(a) BTS : YDR

(b) UFL : ZKQ

(c) ZOT : GRS

(d) VTE : ODR

Ans.(b)

Q95. Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

Some peas are dogs.

No dog is a cub.

Conclusions:

(I) Some peas are cubs.

(II) Some dogs are peas.

(a) Only conclusion (I) follows.

(b) Both conclusions (I) and (II) follow.

(c) Only conclusion (II) follows.

(d) Neither conclusion (I) nor (II) follows.

Ans.(c)

Q96. Seven boxes D, E, F, U, V, W and X are kept one over the other but not necessarily in the same order. No box is kept above X. Only two boxes are kept between W and V. Only U is kept below E. Only three boxes are kept between E and W. D is not kept immediately above V. How many boxes are kept between F and U?

(a) Three

(b) Two

(c) Four

(d) One

Ans.(b)

Q97. Select the set in which the numbers are related in the same way as are the numbers of the following sets. (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 - Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(8, 4, 12)

(18, 9, 27)

(a) (20,12,36)

(b) (24,14,36)

(c) (24,12,34)

(d) (24,12,36)

Ans.(d)

Q98. Paritosh starts from Point A and drives 22 km towards South. He then takes a right turn, drives 12 km, turns right and drives 26 km. He then takes a right turn and drives 23 km.

He takes a final right turn, drives 4 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90-degree turns only, unless specified.)

- (a) 11 km to the east
- (b) 10 km to the west
- (c) 11 km to the west
- (d) 10 km to the east

Ans.(c)

Q99. What should come in place of the question mark (?) in the given series?

16 28 42 58 76 ?

- (a) 96
- (b) 88
- (c) 90
- (d) 94

Ans.(a)

Q100. In a certain code language, "HATCH" is coded as "12, 5, 24, 7, 12", "DEMON" is coded as "8, 9, 17, 19, 18". How is "READER" coded in the same language?

- (a) 21, 12, 16, 8, 9, 22
- (b) 22, 19, 5, 8, 9, 22
- (c) 22, 9, 5, 8, 9, 22
- (d) 23, 21, 26, 15, 23

Ans.(c)