

RRB NTPC UG Memory based paper 14 June 2026 S1

Q1. Which of the following Governor-Generals introduced the General Service Enlistment Act?

- (a) Lord Wellesley
- (b) Lord Canning
- (c) Lord Auckland
- (d) Lord Amherst

Ans.(b)

Q2. Unix was developed in _____

- (a) Sun Microsystem
- (b) Intel
- (c) At & T Bell labs
- (d) Microsoft Corporation

Ans.(c)

Q3. Which of the following statements correctly differentiates system software and application software?

- (a) System software provides the platform for running application software.
- (b) System software is optional, whereas application software is mandatory.
- (c) Application software includes BIOS and drivers.
- (d) Application software directly manages hardware resources.

Ans.(a)

Q4. Article 39A mandates that the State shall secure that the operation of the legal system promotes which central concept?

- (a) Rapid economic growth
- (b) Political stability and security
- (c) Justice, on a basis of equal opportunity
- (d) Social and religious harmony

Ans.(c)

Q5. Bhand Jashn, a traditional theatre form belongs to which of the following states?

- (a) Jammu and Kashmir
- (b) Uttar Pradesh
- (c) Odisha
- (d) West Bengal

Ans.(a)

Q6. Which of the following statements about the Swaraj Party is correct?

- (a) It was founded by CR Das and JL Nehru.
- (b) CR Das was its first president.
- (c) It supported the participation in the council elections under the Act of 1907.
- (d) It succeeded in electing Vallabhbhai Patel as the President of the Central Legislative Assembly.

Ans.(b)

Q7. Which of the following countries was hosted the 2025 NATO Summit held in June 2025?

- (a) Germany
- (b) Netherlands
- (c) Brazil
- (d) Turkey

Ans.(b)

Q8. Which of the following devices functions as both an input and an output device?

- (a) Printer
- (b) Speaker
- (c) Touchscreen
- (d) Keyboard

Ans.(c)

Q9. Which of the following statement is correct regarding Toda language? I. Toda is an endangered language. II. Toda is a proto-South-Dravidian language

- (a) Only I
- (b) Both I and II
- (c) Neither I nor II
- (d) Only II

Ans.(b)

Q10. Which Indian region is known for the monastic music tradition that includes sacred chants with drumbeats called Yang'?

- (a) Kerala
- (b) Goa
- (c) Ladakh
- (d) Gujarat

Ans.(c)

Q11. Match the minerals with their major mining regions:

List-I:	List-II:
(A) Copper	(I) Zawar
(B) Lead-Zinc	(II) Morija-Banol
(C) Iron Ore	(III) Degana
(D) Tungsten	(IV) Khetri

- (a) A-IV, B-I, C-II, D-III
- (b) A-IV, B-II, C-I, D-III
- (c) A-I, B-IV, C-III, D-II
- (d) A-II, B-I, C-IV, D-III

Ans.(a)

Q12. Who conducted the World Hydrogen Summit 2025?

- (a) International Renewable Energy Agency (IRENA)
- (b) Sustainable Energy Council and RX Global in partnership with the Dutch Government
- (c) World Energy Council and United Nations
- (d) European Commission and International Energy Agency (IEA)

Ans.(b)

Q13. Who was appointed as the Prime Minister of Yemen in January 2026?

- (a) Maeen Abdulmalik Saeed
- (b) Shaea Muhssin Mohammed Al-Zindani
- (c) Rashad al-Alimi
- (d) Ahmed Awad bin Mubarak

Ans.(b)

Q14. The phenomenon in which different parts of the plant, like root, stem and leaves, develop into new plants under appropriate conditions is called _____.

- (a) Regeneration
- (b) Vegetative propagation
- (c) Fertilisation
- (d) Sexual reproduction

Ans.(b)

Q15. In November 2025, which Indian state approved the Polygamy Prohibition Bill, 2025?

- (a) Tripura
- (b) Assam
- (c) Uttarakhand
- (d) Himachal Pradesh

Ans.(b)

Q16. If the distance between two objects is doubled and everything else remains the same, what happens to the gravitational force between them?

- (a) The force becomes four times
- (b) The force becomes one-fourth
- (c) The force becomes double
- (d) The force becomes half

Ans.(b)

Q17. Which part of the human brain controls a person's thinking and learning abilities?

- (a) Cerebrum
- (b) Cerebellum
- (c) Hypothalamus
- (d) Medulla

Ans.(a)

Q18. What is the direction of Westerlies in Northern and Southern hemisphere respectively?

- (a) South-West to North-East and North-West to South-East
- (b) North-East to South-West and South-East and South-West
- (c) South-West to North-East North-East and North-West
- (d) North-East and North-West

Ans.(a)

Q19. Which of the following article of Indian constitution deals with the Secretariat of State Legislature?

- (a) Article 187
- (b) Article 182
- (c) Article 189
- (d) Article 185

Ans.(a)

Q20. The ancient archaeological site of 'Ganeshwar', which is considered the mother of copper-age civilizations in India, is located on the banks of which river?

- (a) Banas
- (b) Kantli
- (c) Ghaggar
- (d) Luni

Ans.(b)

Q21. The Indian Institute of Food Processing Technology (IIFPT) is located at:

- (a) Kundli, Haryana
- (b) Manesar, Haryana
- (c) Neem Rana, Rajasthan
- (d) Thanjavur, Tamil Nadu

Ans.(d)

Q22. According to Census 2011, the gap in literacy rates of males and females is less than 5% points in which of the following states?

- (a) Mizoram
- (b) Tamil Nadu
- (c) Himachal Pradesh
- (d) Maharashtra

Ans.(a)

Q23. Which of the following regions would you expect has the highest population density based on geographic factors?

- (a) Ganga River basin in India
- (b) Canadian Arctic tundra
- (c) Sahara Desert in Africa
- (d) Amazon rainforest in Brazil

Ans.(a)

Q24. The Night Circus, a fantasy novel about magical competitions and romance, was authored by:

- (a) Erin Morgenstern
- (b) J.K. Rowling
- (c) Philip Pullman
- (d) Neil Gaiman (Inferred)

Ans.(a)

Q25. The Kinnerasani Wildlife Sanctuary derives its name from the:

- (a) Kinnerasani Dam
- (b) Kinnerasani River
- (c) Kinnerasani Lake
- (d) Kinnerasani Hills

Ans.(b)

Q26. To get an emergency loan in 1991, India had to approach which international organization?

- (a) United Nations (UN)
- (b) International Monetary Fund (IMF)
- (c) World Trade Organization (WTO)
- (d) SAARC

Ans.(b)

Q27. To access the system's RAM, the CPU uses:

- (a) Expansion bus
- (b) Control bus
- (c) System bus
- (d) Address bus

Ans.(d)

Q28. Which of the following constitutional amendments made the Council of Ministers collectively responsible to the Lok Sabha?

- (a) 52nd Amendment
- (b) 44th Amendment
- (c) 42nd Amendment
- (d) Not by amendment; it's already in the constitution

Ans.(d)

Q29. The Greenhouse Gas Emission Intensity (GEI) Target Rules, 2025, notified in October 2025 apply to which of the following industrial sectors?

- (a) Cement, aluminium, chlor-alkali, pulp & paper
- (b) Iron & steel, aluminium, coal, cement
- (c) Steel, cement, aluminium, textiles
- (d) Coal, power generation, cement, chemicals

Ans.(a)

Q30. Which of the following is the final step required for a Bill passed by both Houses of Parliament to become an Act?

- (a) CAG's certification
- (b) President's assent
- (c) Governor's approval
- (d) Attorney General's review

Ans.(b)

Q31. How many bits are used to represent an IPv6 address ?

- (a) 256 bits
- (b) 32 bits
- (c) 128 bits
- (d) 64 bits

Ans.(c)

Q32. In June 2025, which ministry/institution released the Sustainable Development Goals – National Indicator Framework Progress Report, 2025?

- (a) Ministry of Statistics and Programme Implementation
- (b) Ministry of Finance
- (c) Ministry of Environment, Forest and Climate Change
- (d) NITI Aayog

Ans.(a)

Q33. The 'Bhabru Inscription', which provides evidence of Emperor Ashoka's faith in the Buddhist trinity (Buddha, Dhamma, Sangha), was discovered at which site in Rajasthan?

- (a) Kalibangan
- (b) Ahar
- (c) Bairath
- (d) Balathal

Ans.(c)

Q34. Why does dry HCl gas not change the colour of dry litmus paper, but aqueous HCl does?

- (a) Dry HCl gas is not acidic
- (b) Water reacts with litmus, not HCl
- (c) HCl releases H^+ ions only when dissolved in water
- (d) Litmus paper works only in the presence of light

Ans.(c)

Q35. Which of the following statement regarding the fundamental rights of the Indian constitution is correct? I. Article 26 is related Freedom from Taxation for Promotion of a Religion II. Article 27 is related to freedom to manage religious affairs.

- (a) Only I
- (b) Only II
- (c) Both I and II
- (d) Neither I nor II

Ans.(d)

Q36. Where was the 2025 Wimbledon tennis tournament held?

- (a) Paris, France
- (b) London, United Kingdom
- (c) New York, USA
- (d) Melbourne, Australia

Ans.(b)

Q37. The Shekha Jheel Bird Sanctuary serves as a critical habitat for birds traveling along which major global migratory route?

- (a) East Asian-Australasian Flyway
- (b) Central Asian Flyway
- (c) African-Eurasian Flyway
- (d) Pacific Americas Flyway

Ans.(b)

Q38. Arrange the following major irrigation projects of Rajasthan from North to South based on their primary beneficiary districts:

- (A) Gang Canal
- (B) Narmada Canal Project
- (C) Bisalpur Dam
- (D) Mahi Bajaj Sagar
- (a) A, C, B, D
- (b) A, C, D, B
- (c) C, A, B, D
- (d) A, B, C, D

Ans.(a)

Q39. 'Theeyattu' is a solo dance-drama of which of the following Indian state?

- (a) Nagaland
- (b) Kerala
- (c) Telangana
- (d) Andhra Pradesh

Ans.(b)

Q40. The 'Dosmoche' festival is celebrated in which state/UT of India?

- (a) Kerala
- (b) Ladakh
- (c) Tamil Nadu
- (d) Goa

Ans.(b)

Q41. A rider travels 60 km at a speed of 30 km/h, then travels another 40 km at a speed of 20 km/h, and finally covers 50 km at 25 km/h. What is the average speed (in km/h) of the rider for the entire journey?

- (a) 25
- (b) 21
- (c) 22
- (d) 26

Ans.(a)

Q42. Pipe A can fill a tank in 10 hours; pipe B can fill it in 12 hours, and pipe C can empty it in 15 hours. All three pipes are opened together, but after 4 hours pipe C is closed. Find the total time taken to fill the empty tank.

- (a) $5\frac{10}{11}$ hours
- (b) $6\frac{5}{11}$ hours
- (c) $5\frac{5}{11}$ hours
- (d) $6\frac{10}{11}$ hours

Ans.(d)

Q43. If $4x^2 + \frac{1}{4x^2} = 14$, what is the positive value of $x + \frac{1}{4x}$?

- (a) 4
- (b) 8
- (c) 2
- (d) 1

Ans.(c)

Q44. A student's marks were incorrectly entered as 32 instead of 96. Due to this, the average marks of the class got decreased by $\frac{4}{3}$. What is the number of students in the class?

- (a) 45
- (b) 48
- (c) 51
- (d) 54

Ans.(b)

Q45. Five solid cubes, each of volume $5,92,704 \text{ cm}^3$, are joined end to end to form a cuboid. What is the lateral surface area (in cm^2) of the cuboid?

- (a) 84,774
- (b) 84,898
- (c) 84,672
- (d) 84,863

Ans.(c)

Q46. Amit and Deeksha together invested ₹56,100 in a business. At the end of the year, out of a total profit of ₹9,200, Amit's share was ₹2,300. How much was Amit's investment?

- (a) ₹14,025
- (b) ₹14,870
- (c) ₹12,370
- (d) ₹14,690

Ans.(a)

Q47. What will be the positive difference in the population of a town 3 years ago and 2 years ago, if its current population is 450000 and the population has been increasing at a rate of 25% every year?

- (a) 57050
- (b) 56850
- (c) 57950
- (d) 57600

Ans.(d)

Q48. One pipe can fill the tank in 18 min, while another pipe can empty the completely filled tank in 72 min. If both the pipes are operated together on empty tank, how long (in min) will it take to fill two-third of the tank?

- (a) 48
- (b) 16
- (c) 64
- (d) 32

Ans.(b)

Q49. A solid metallic sphere of radius 9 cm is melted and recast into smaller spherical balls, each of radius 3 cm. Find the number of such small balls formed.

- (a) 24
- (b) 27
- (c) 21
- (d) 32

Ans.(b)

Q50. If $x = 7 + 4\sqrt{3}$, then find the value of $\sqrt{x} + \frac{1}{\sqrt{x}}$

- (a) $4\sqrt{2}$
- (b) 6
- (c) $1 + \sqrt{2}$
- (d) 4

Ans.(d)

Q51. What sum (in ₹) will earn an interest of ₹480 in 3 years at 5% simple interest per year?

- (a) 3000
- (b) 3350
- (c) 3200
- (d) 3400

Ans.(c)

Q52. Four years ago from now, the average age of Amit, Bharat and Chitra was 36 years. Six years ago from now, the average age of Amit and Bharat was 30 years. What was the age of Chitra three years ago from now?

- (a) 45 years
- (b) 42 years
- (c) 40 years
- (d) 43 years

Ans.(a)

Q53. The value of $7^2 + \sqrt{(2^2)} - 8\sqrt{81} - 7$ is

- (a) -19
- (b) -27
- (c) -28
- (d) -26

Ans.(c)

Q54. A shopkeeper professes to sell his goods at a 25% loss but uses a false balance and gains 70%. The actual weight (rounded off to one decimal place) that he uses instead of 1 kg is:

- (a) 443.3 gm
- (b) 441.2 gm
- (c) 438.1 gm
- (d) 436.4 gm

Ans.(b)

Q55. If the median and the mode are given as 65 and 60, respectively, find the mean.

- (a) 62.5
- (b) 68
- (c) 70
- (d) 67.5

Ans.(d)

Q56. In ΔPQR , points M and N lie on sides PQ and PR respectively, such that MN is parallel to QR. If PM: QM = 4 : 7 and area of $\Delta PMN = 36 \text{ m}^2$, find the area of trapezium MQRN.

- (a) 236.25 m^2
- (b) 222.86 m^2
- (c) 216.36 m^2
- (d) 248.15 m^2

Ans.(a)

Q57. The arithmetic mean of 10 observations is 6 and the sum of nine of the observations is 49. Find the tenth observation.

- (a) 9
- (b) 10
- (c) 13
- (d) 11

Ans.(d)

Q58. Find the volume (in cm^3 , rounded to the nearest integer) of a sphere with radius 7 cm. (Use $\pi = 22/7$)

- (a) 1442 cm^3
- (b) 1437 cm^3
- (c) 1436 cm^3
- (d) 1446 cm^3

Ans.(b)

Q59. Find the value of $38 - [27 - (90 \div 5 - (12 - 18 \div 6) \div 3)]$

- (a) 26
- (b) 22
- (c) 25
- (d) 24

Ans.(a)

Q60. Two trains of lengths 346 m and 319 m are running with speeds of 67 km/h and 59 km/h, respectively, towards each other on parallel tracks. In how many seconds will they cross each other?

- (a) 12
- (b) 15
- (c) 19
- (d) 18

Ans.(c)

Q61. During a sale, 44% of the goods are sold at a 28% profit, 25% of the remaining goods are sold at a 48% profit and the rest are sold at an 18% loss. If there is an overall profit of x%, then what is the value of x?

- (a) 17%
- (b) 11.48%
- (c) 9%
- (d) 17.55%

Ans.(b)

Q62. An 11-digit number 8732326687X is divisible by 18. What is the value of X?

- (a) 1
- (b) 2
- (c) 3
- (d) 5

Ans.(b)

Q63. A shopkeeper sold a book at a loss of 6%. If the selling price had been increased by ₹960, there would have been a gain of 19%. What was the cost price (in ₹) of the book?

- (a) 3850
- (b) 3835
- (c) 3840
- (d) 3845

Ans.(c)

Q64. Find the fourth proportional to 3.5, 7.5, and 6.3.

- (a) 13.5
- (b) 11.5
- (c) 14.5
- (d) 12.5

Ans.(a)

Q65. If the HCF of two numbers is 12 and their product is 2160, what is the LCM of the two numbers?

- (a) 184
- (b) 200
- (c) 180
- (d) 190

Ans.(c)

Q66. A and B can complete a work in 12 days and 6 days, respectively. They started doing the work together but after 2 days, B had to leave, and A completed the remaining work alone. The remaining work was completed in _____ days.

- (a) 10
- (b) 9
- (c) 8
- (d) 6

Ans.(d)

Q67. Find the product of two numbers whose sum is 24 and whose difference is 8.

- (a) 128
- (b) 132
- (c) 124
- (d) 118

Ans.(a)

Q68. The amount on a sum of ₹7,100 at 10% per annum compound interest, compounded annually, in 2 years, will be:

- (a) ₹8,468
- (b) ₹8,828
- (c) ₹8,591
- (d) ₹9,031

Ans.(c)

Q69. The price of oil is increased successively by 50% and then by 40%. What is the equivalent single percentage increase?

- (a) 90%
- (b) 75%
- (c) 100%
- (d) 110%

Ans.(d)

Q70. If $10\sin^4 \alpha + 15\cos^4 \alpha = 6$, then find the value of $27\operatorname{cosec}^6 \alpha + 8\sec^6 \alpha$

- (a) 75
- (b) 125
- (c) 250
- (d) 50

Ans.(c)

Q71. 'PLANE' is written as '#4@2%' and 'BRACE' is written as '7\$@9%'. How is 'CLEAN' written in that code?

- (a) 94%@2
- (b) 9#@42
- (c) 9#4@%
- (d) 9#@4%

Ans.(a)

Q72. If 'P @ Q' means 'P is the wife of Q', 'P # Q' means 'P is the son of Q', and 'P \$ Q' means 'P is the father of Q', then what is the relationship of K to H in the expression: H #I@ J # K?

- (a) Mother
- (b) Paternal Grand father / Grand mother
- (c) Maternal Grand mother
- (d) Daughter

Ans.(b)

Q73. 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 their constituent digits. E.g. 13 – Operations on 13 such as adding to/subtracting from/multiplying with 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

- (8, 25, 16)
- (13, 35, 26)
- (a) (9, 9, 18)
- (b) (15, 39, 30)
- (c) (7, 23, 32)
- (d) (17, 43, 52)

Ans.(b)

Q74. 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:

All cakes are hearts.

Some seats are hearts.

No bats are hearts.

Conclusions:

(I): Some seats are not bats.

(II): No cakes are seats.

(a) Only conclusion (II) follows

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

(c) Only conclusion (I) follows

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

Ans.(c)

Q75. Arman starts from Point A and drives 61 km towards west. He then takes a right turn, drives 58 km, turns right and drives 64 km. He then takes a right turn and drives 71 km. He takes a final right turn, drives 3 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 degrees turns only unless specified)

(a) 15 km to the south

(b) 14 km to the south

(c) 12 km to the north

(d) 13 km to the north

Ans.(d)

Q76. A, B, D, U, P and K live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it is numbered 2 and so on till the topmost floor is numbered 6. U lives on an odd-numbered floor but not on the lowermost floor. Only one person lives between U and P. D does not live on the lowermost floor. K lives immediately above D. B lives immediately above U. A lives immediately below U. Who lives on Floor 2?

(a) A

(b) P

(c) U

(d) B

Ans.(a)

Q77. Two arguments have been given after one statement you have to decide which argument is strong with respect to the given statement.

Statement:

Should North Korea build atomic bomb?

Argument:

I. Yes, It is necessary for the security of the nation.

II. No, It will spoil the zonal balance there.

(a) Only argument II is strong

(b) Only argument I is strong.

(c) Neither I nor II is strong.

(d) Either I or II is strong

Ans.(b)

Q78. 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 their constituent digits. E.g. 13 – Operations on 13 such as adding to/subtracting from/multiplying with 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(32, 16, 8)

(48, 24, 12)

(a) (156, 78, 39)

(b) (188, 124, 48)

(c) (128, 64, 42)

(d) (196, 98, 46)

Ans.(a)

Q79. Each vowel in the word JOURNAL 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 vowels are there in the new group of letters thus formed?

(a) 1

(b) 0

(c) 3

(d) 2

Ans.(a)

Q80. All 62 people are standing in a row facing north. Shlok is 20th from the right end, while Biplov is 45th from the left end. How many people are there between Shlok and Biplov?

(a) 2

(b) 4

(c) 1

(d) 3

Ans.(c)

Q81. If 1 is added to each even digit and 1 is added to each odd digit in the number 612374, what will be the sum of all the odd digits in the new number thus formed?

(a) 13

(b) 19

(c) 17

(d) 15

Ans.(d)

Q82. Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

NUB 1, JQX 4, FMT 10, BIP 22, XEL 46, ?

(a) TAI 94

(b) TAH 94

(c) NAH 94

(d) TUH 94

Ans.(b)

Q83. Select the pair which follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

DFC-ACZ

UWT-RTQ

(a) EFB-BDA

(b) EGD-ADZ

(c) EFB-ACZ

(d) EGD-BDA

Ans.(d)

Q84. In a certain code language, 'TOUR' is coded as '4139' and 'BRUT' is coded as '4318'. What is the code for 'B' in that language?

(a) 3

(b) 4

(c) 1

(d) 8

Ans.(d)

Q85. Five people, L, M, N, O and P, are sitting in a row, facing towards the north. N is sitting at third position from the extreme right end of the row. M is not an immediate neighbour of N. P is sitting to the immediate left to N. P is sitting immediate right to O. Who is sitting between N and M?

(a) P

(b) O

(c) L

(d) N

Ans.(c)

Q86. Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair 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) RT - PV

(b) DF - BH

(c) MO - KQ

(d) IK - HJ

Ans.(d)

Q87. Each of K, L, U, G, A, B and W has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. K has an exam on Tuesday. G has exam on the day immediately before U. Only three people have exams between B and L. L has exam on the day immediately before G. U has an exam on Sunday. W has exam on the day immediately after K. How many people have exams before A?

(a) 1

(b) 2

(c) 3

(d) 4

Ans.(c)

Q88. Each of Gauri, Hina, Isha, Jack, Kunti, Lali and Mahima has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. Gauri has an exam on Monday. Only three persons have exams between Gauri and Kunti. Hina has exam immediately after Jack and Hina has exam immediately before Isha. Lali does not have an exam on the last day. On which day does Lali have the exam?

- (a) Sunday
- (b) Wednesday
- (c) Saturday
- (d) Tuesday

Ans.(c)

Q89. STPT is related to RSOS in a certain way based on the English alphabetical order. In the same way, RSOS is related to QRNR. To which of the following is BCYC related, following the same logic?

- (a) ABXB
- (b) ABWB
- (c) AAWB
- (d) ACWD

Ans.(a)

Q90. Which of the following letter-number clusters will replace the question mark (?) in the given series?

DHK31 EIL40 FJM49 GKN58 ?

- (a) HLO67
- (b) HLP67
- (c) HLO68
- (d) HLP68

Ans.(a)

Q91. In a family of five persons, Dinesh is Jairam's son and Gopal's brother while Meeta is Gopal's mother and Jayanti's daughter. If there are no step brothers or half brothers in the family which of the following statements is true?

- (a) Jayanti's is Dinesh's mother
- (b) Meeta is Dinesh's mother
- (c) Jayanti is Jairam's grandmother
- (d) All the above

Ans.(b)

Q92. What will come in place of the question mark (?) in the following equation, if '+' and '-' are interchanged and '×' and '÷' are interchanged?

$$6 \div 3 + 16 \times 4 - 9 = ? + 5$$

- (a) 24
- (b) 26
- (c) 30
- (d) 28

Ans.(d)

Q93. A, B, C, D, E, F and G live on seven different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it is numbered 2 and so on till the topmost floor is numbered 7. Only two persons live above C. Only two persons live between C and E. B lives immediately above E. D lives immediately below F. A does not live on the lowermost floor. On which floor number does A live?

- (a) Floor number 2
- (b) Floor number 3
- (c) Floor number 4
- (d) Floor number 6

Ans.(c)

Q94. What will come in place of the question mark (?) in the following equation, if '+' and '-' are interchanged and '×' and '÷' are interchanged?

$$76 \times 4 - (80 \div 10) \times 4 + 50 \div 2 = ?$$

- (a) 95
- (b) 146
- (c) 119
- (d) 128

Ans.(c)

Q95. What should come in place of the question mark (?) in the given series?

8, 12, 21, 37, ?, 98

- (a) 62
- (b) 68
- (c) 65
- (d) 66

Ans.(a)

Q96. 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)

Q97. In this question, a question is followed by two statements numbered (I) and (II). You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and decide the appropriate answer. Q. Five students – Alok, Bharti, Celine, Darpan, and Ema – obtained different marks in an examination. Who scored the third highest marks?

(I) Darpan scored more than Alok and Bharti but less than Celine.

(II) Ema scored more than Darpan but less than Celine.

- (a) Data in Statement I alone is sufficient to answer the question while data in Statement II is not
- (b) Data in Statement II alone is sufficient to answer the question while data in Statement I is not
- (c) Both statements I and II together (and not statement I alone or statement II alone) are sufficient to answer the question
- (d) Both statements I and II together are NOT sufficient to answer the question

Ans.(c)

Q98. Six people, A, B, C, D, E and F, are sitting in a row, facing north. D sits to the immediate left of F. C sits third to the left of B. F is an immediate neighbour of C. E sits second to the right of C. A sits to the immediate left of E. Who sits at the extreme right end of the line?

- (a) A
- (b) F
- (c) E
- (d) B

Ans.(d)

Q99. Refer to the letter and symbol series, and answer the question that follows.

(Left) K B # A @ S * B Q @ R V N % & S (Right)

How many letters are there between the element that is third from the right end and the element that is sixth from the left end of the given series?

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

Ans.(b)

Q100. What should come in place of the question mark (?) in the given series?

157, 134, 111, 88, 65, ?

- (a) 42
- (b) 40
- (c) 46
- (d) 44

Ans.(a)