RRB ALP CBT-I Official Paper (Held On: 18 Feb, 2026 Shift 3) (Previous Year Paper)

RRB Assistant Loco Pilot (ALP) • 2026 • 75 questions • 60 minutes • Answer key

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STAGE I (CBT I)

Q1. Each of G, H, I, J, K, L and M has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. G has an exam on Wednesday. Only two persons have exam between G and L. I has exam immediately before L. H's exam is not on the last day. J has exam immediately after K. On which day does M have the exam?

(a) Sunday
(b) Saturday
(c) Monday
(d) Friday

Q2. Each of A, B, C, D, S, T and U has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. S has the exam on Thursday, and U has the exam on Saturday. T has the exam immediately before B. A has the exam on one of the days after C. D has the exam immediately after B. How many people have exams between A and D?

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

Q3. Find the smallest digit x such that the 6-digit number 28x219 is divisible by both 9 and 11.

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

Q4. If $X + 1/X = 15$, find the value of $X^2 + 1/(X^2)$.

(a) 143
(b) 125
(c) 223
(d) 225

Q5. D, E, F, G, K, L and M are sitting around a circular table, facing the centre of the table.

Only four people sit between F and G when counted from the right of F. F sits third to the left of M. E sits third to the left of D. K is an immediate neighbour of both G and M.

How many people sit between L and K when counted from the right of L?

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

Q6. What should come in place of the question mark (?) in the given series based on the English alphabetical order?

CMA GQF KUK OYP ?

(a) RMU
(b) SMU
(c) SCA
(d) SCU

Q7. Refer to the following series and answer the question (All numbers are single digit numbers only. Counting to be done from left to right.)

(Left) 1 8 4 6 1 8 6 4 4 3 3 2 1 1 8 8 6 7 4 6 8 8 4 5 9 9 4 (Right)

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

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

Q8. If 33% of 497 = 71% of x, then the value of x is:

(a) 132
(b) 123
(c) 231
(d) 213

Q9. A, B, C, D, E, F and G are sitting around a circular table, facing the centre.

Only two people sit between B and G when counted from the left of G. D sits third to the left of A. E sits to the immediate right of A. E sits second to the left of B. C is an immediate neighbour of D.

How many people sit between C and E when counted from the right of C?

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

Q10. 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) 11.48%
(b) 17%
(c) 9%
(d) 17.55%

Q11. 12 is related to 149 following a certain logic. Following the same logic, 16 is related to 261. To which of the given options is 19 related, following the same logic?

(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.)

(a) 366
(b) 259
(c) 162
(d) 474

Q12. Below are given two sets of numbers. In each set of numbers, a certain mathematical operation on the first number results in the second number. Similarly, certain mathematical operation on the second number results in the third number and so on. Which of the given options follows the same set of operations as in the given sets?

(NOTE – A two/three digit number cannot be broken into individual digits for operations e.g. if 37 is followed by 10, the operation cannot be 3+7 as a two digit number cannot be broken into individual digits)

13 - 26 - 30 - 60 ; 9 - 18 - 22 - 44

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(a) 6 - 12 - 16 - 32
(b) 10 - 20 - 24 - 54
(c) 3 - 6 - 10 - 22
(d) 2 - 4 - 8 - 12

Q13. Jessica starts from Point A and drives 56 km towards north. He then takes a right turn, drives 58 km, turns right and drives 61 km. He then takes a right turn and drives 61 km. He takes a final right turn, drives 5 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) 1 km to the east
(b) 2 km to the east
(c) 3 km to the east
(d) 4 km to the west

Q14. If 2 is added to each odd digit and 1 is subtracted from each even digit in the number 7815642, which of the following digits will be third from the left?

(a) 1
(b) 9
(c) 3
(d) 7

Q15. 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. B lives on the third floor. Only two persons live between B and D. Only one person live between D and A. Only one person lives between F and C but C does not live on the topmost floor. G lives immediately below E. On which floor number does E live?

(a) Floor number 2
(b) Floor number 6
(c) Floor number 5
(d) Floor number 7

Q16. Two trains of equal length are running on parallel lines in the same direction at speeds of 39 km/h and 21 km/h. The faster train passes the slower train in 26 seconds. The length of each train is:

(a) 65 meters
(b) 45 meters
(c) 80 meters
(d) 48 meters

Q17. In a certain code language,

'A + B' means ‘A is the mother of B’,

'A – B' means ‘A is the brother of B’,

'A × B' means ‘A is the wife of B’, and

'A ÷ B' means ‘ A is the father of B’.

Based on the above, how is P related to T, if ‘P × Q ÷ S – R + T’?

(a) Father's mother
(b) Mother's mother
(c) Mother's sister
(d) Father's sister

Q18. Two trains are moving in the same direction at speeds of 40 km/h and 20 km/h, respectively. The faster train completely overtakes a man seated in the slower train in 10 seconds. Find the length (in m) of the faster train. (Round off your answer to the nearest integer value in meters.)

(a) 54
(b) 57
(c) 55
(d) 56

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Q19. A sum of money triples itself at a certain rate of compound interest in 3 years. In how many years will it amount to 9 times of itself?

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

Q20. The cost price of 28 mangoes is the same as the selling price of 25 mangoes. Find the profit percentage.

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

Q21. What should come in place of the question mark (?) in the given series based on the English alphabetical order?

ILT LOW ORZ RUC ?

(a) UFF
(b) UXF
(c) UFX
(d) UDE

Q22. Chahak starts from point A and walks for 6 m towards the south. Then she takes a left turn and walks for 5 m. Then she takes a left turn again and walks for 9 m. Once again, she takes a left turn and walks for 2 m. At last, she takes one more left turn and walks for 3 m. And she stops at point B. Towards which direction should she walk in order to reach point A again? (All turns are 90-degree turns only unless specified.)

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

Q23. Under the Right to Equality, of the Indian Constitution, which type of equality is ensured in public employment?

(a) Economic equality
(b) Equality of opportunity
(c) Political equality
(d) Religious equality

Q24. Two alloys are made by mixing metals A and B in the ratio 3 : 2 and 5 : 3, respectively. Equal quantities of the two alloys are melted and mixed together. Find the ratio of metals A and B in the final mixture.

(a) 7 : 4
(b) 49 : 30
(c) 49 : 31
(d) 8 : 5

Q25. Among five people named V, W, X, Y and Z, each have a certain age. The age of X is 30. V is four times the age of W. Y is twice the age of V. Z is five times the age of W. If Z is half the age of X, what is the age of Y?

(a) 24
(b) 45
(c) 75
(d) 25

Q26. Refer to the following letter, symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) I A & @ @ # X % A N * @ W U # P $ U X & K Y (Right)

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

(a) 4

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(b) 1
(c) 2
(d) 3

Q27. What should come in place of ? in the given series?

57 82 118 167 231 ?

(a) 314
(b) 312
(c) 311
(d) 313

Q28. A body of mass 4 kg has a kinetic energy of 72 J. Its speed is:

(a) 4 m/s
(b) 6 m/s
(c) 9 m/s
(d) 3 m/s

Q29. Let AB be an arc on a circle C that is 14 cm long. If the circumference of the circle is 180 cm, then find the angle made by arc AB at the centre.

(a) 30°
(b) 32°
(c) 24°
(d) 28°

Q30. In a certain code language, ‘HAGS’ is coded as ‘7934’ and ‘EAHS’ is coded as ‘9413’. What is the code for ‘E’ in the given code language?

(a) 1
(b) 4
(c) 9
(d) 3

Q31. A shopkeeper marks an article at Rs. x and offers a discount of 65% on it. He sells it for Rs. 378 after charging VAT of 44% on the discounted price. What is the value of x?

(a) 1000
(b) 750
(c) 700
(d) 900

Q32. Transportation of water in plants takes place through _____.

(a) Parenchyma
(b) Phloem
(c) Sclerenchyma
(d) Xylem

Q33. In a certain code language,

'A + B' means ‘A is the mother of B’,

'A – B' means ‘A is the brother of B’,

'A × B' means ‘A is the sister of B’, and

'A ÷ B' means ‘A is the father of B’.

Based on the above, how is P related to T, if ‘P × S ÷ R – Q + T’?

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

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Q34. Each letter in the word PERSON is changed to the second letter immediately following it in the English alphabetical order, and then all the letters thus formed are arranged in alphabetical order. Which letter will be fifth from the right in the new number thus formed?

(a) P
(b) T
(c) E
(d) Q

Q35. 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) JA - LD
(b) SM - UQ
(c) GX - IA
(d) PV - RY

Q36. In the following number-pairs, the second number is obtained by applying certain mathematical operations to the first number. 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).

2 - 5
10 - 101

(a) 8 - 63
(b) 4 - 18
(c) 5 - 26
(d) 9 - 80

Q37. A solid sphere of diameter 24 cm is melted and recast into small solid cones each of base radius 4 cm and height 9 cm. How many cones will be obtained?

(a) 32
(b) 56
(c) 48
(d) 45

Q38. A luxury watch is marked at Rs. 75,000. During a festival, an 18% discount is offered followed by another Rs. 5,000 off. What is the final price of the watch?

(a) Rs. 55,600
(b) Rs. 57,500
(c) Rs. 56,500
(d) Rs. 55,700

Q39. What is the mode of the following data?

48, 42, 46, 42, 44, 43, 48, 49, 48, 45, 53, 46, 47, 47, 49, 53, 50, 41

(a) 47
(b) 48
(c) 46
(d) 42

Q40. Each vowel in the word RESTING 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. Which of the following letters will appear exactly twice in the new group of letters thus formed?

(a) S
(b) R
(c) F

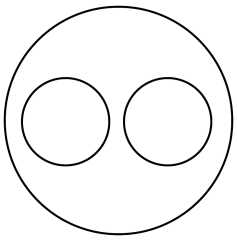
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(d) J

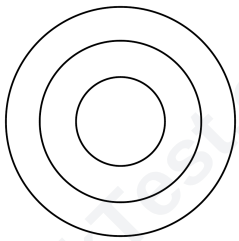
Q41. Select the Venn diagram that best illustrates the relationship between the following classes.

Trees, Grass, Bamboo

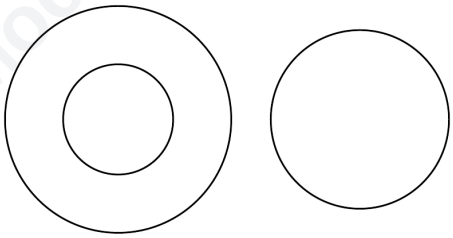
(a)



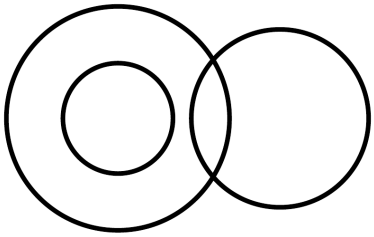
(b)



(c)



(d)



Q42. In a code language, 'PET' is coded as 123 and 'NEAR' is coded as 152. How will 'TRAIN' be coded in the same language?

(a) 218
(b) 288
(c) 196
(d) 310

Q43. The circumference of two circles are in the ratio 5:9. Calculate the ratio of their areas.

(a) 25:18
(b) 26:9
(c) 25:81
(d) 52:81

Q44. Select the pair which follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

GVJ : ZOB

AIE : TBW

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(a) AMY : TFQ
(b) ATN : TLF
(c) TYU : AHL
(d) BRA : QDN

Q45. Seven boxes, U, V, O, P, Q, R and S, are kept one over the other but not necessarily in the same order. Q is kept second from the top. Only two boxes are kept between Q and R. S is kept immediately below Q. Only one box is kept between P and S. V is kept immediately above U. Which box is third from the top?

(a) S
(b) R
(c) V
(d) P

Q46. If 'A' stands for '÷', 'B' stands for 'x', 'C' stands for '+' and 'D' stands for '-', what will come in place of the question mark (?) in the following equation?

22 B 108 A 12 C 43 D 171 = ?

(a) 72
(b) 75
(c) 70
(d) 71

Q47. BIGE is related to CKJI in a certain way based on the English alphabetical order. In the same way, RYAK is related to SADO. To which of the given options is JQTB related, following the same logic?

(a) JSXF
(b) KSWF
(c) JSXE
(d) KTWE

Q48. In a division sum, the divisor is 10 times the quotient and 6 times the remainder. If the remainder is 25, what is the dividend?

(a) 2277
(b) 2275
(c) 2280
(d) 2276

Q49. 4% of a number is what percentage of 16% of the same number?

(a) 20%
(b) 10%
(c) 400%
(d) 25%

Q50. Which of the following statements correctly describes a double concave lens?

(a) It is equally thick at the center and edges; it neither converges nor diverges light.
(b) It is thinner at the edges and thicker in the middle; it converges light rays.
(c) It is thicker at the edges and thinner in the middle; it diverges light rays.
(d) It is used to focus light to a single point.

Q51. 10 men and 15 boys together can complete a work in 6 days. It takes 100 days for one man alone to complete the same work. How many days will a boy alone take to complete the same work?

(a) 225
(b) 250
(c) 230
(d) 240

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Q52. 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. Four students – Kabir, Mansi, Nupur, and Rakesh – scored different marks.

Who scored the second highest marks?

(I) Kabir scored more than Mansi but less than Nupur.

(II) Rakesh scored less than Nupur but more than Kabir.

(a) Data in both statements I and II together (and not statement I alone or statement II alone) are sufficient to answer the question

(b) Data in Statement II alone is sufficient to answer the question while data in Statement I is not

(c) Data in Statement I alone is sufficient to answer the question while data in Statement II is not

(d) Data in both statements I and II together are NOT sufficient to answer the question

Q53. What sum (in Rs.) will earn an interest of Rs. 480 in 2 years at 15% simple interest per year?

(a) 1400

(b) 1750

(c) 1600

(d) 1800

Q54. A student's marks were incorrectly entered as 84 instead of 100. Due to this, the avarage marks of the class got decreased by 8/7. What is the number of students in the class?

(a) 18

(b) 14

(c) 9

(d) 10

Q55. A circle is inscribed in the ΔABC, touching AB, BC and AC at the points P, Q and R, respectively. If AB – BC = 3 cm, AB – AC = 2 cm and the perimeter of ΔABC = 60 cm, then PB + AR (in cm) is

(a) 64/3

(b) 61/3

(c) 68/3

(d) 65/3

Q56. Each vowel in the word ROCKING is changed to the letter immediately preceding it in the English alphabetical order and each consonant is changed to the letter immediately following it in the English alphabetical order. Which of the following letters will appear exactly twice in the new group of letters thus formed?

(a) O

(b) H

(c) L

(d) D

Q57. During the chlor-alkali process, which of the following statements is correct regarding the products formed at different electrodes?

(a) Sodium hydroxide is formed at the anode and chlorine gas at the cathode.

(b) Hydrogen gas is released at the cathode and chlorine gas at the anode.

(c) Chlorine gas is released at the cathode and hydrogen gas at the anode.

(d) Sodium hydroxide and hydrogen gas both form at the anode.

Q58. 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) CFK

(b) RUZ

(c) MOU

(d) KNS

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Q59. The given data shows the marks obtained by 50 students of a class in a test. What is the mean marks obtained by students?

Marks	Number of Students
20 - 30	5
30 - 40	12
40 - 50	10
50 - 60	15
60 - 70	8

(a) 61.1
(b) 46.8
(c) 52.3
(d) 45.2

Q60. What will come in the place of '?' in the following equation, if '+' and '-' are interchanged and '×' and '÷' are interchanged?

28 × 2 - 4 ÷ 24 + 41 = ?

(a) 68
(b) 70
(c) 69
(d) 71

Q61. Which of the following is a mechanical method of weed control?

(a) Spraying herbicides
(b) Hand weeding
(c) Crop rotation
(d) Seed treatment

Q62. A sound wave has a frequency of 4 kHz and a wavelength of 25 cm. How much time will it take to travel a distance of 2.5 km?

(a) 2.6 s
(b) 2.2 s
(c) 2.5 s
(d) 2.0 s

Q63. Which of the following correctly describes the properties of a proton?

(a) It is positively charged and has a mass approximately 2000 times that of an electron.
(b) It has no charge and is present in the nucleus.
(c) It has a positive charge and a mass equal to an electron.
(d) It is negatively charged and located inside the nucleus.

Q64. Waste products formed in body by energy generation processes are desirable to remove by which of the following life processes?

(a) Excretion
(b) Circulation
(c) Digestion
(d) Nutrition

Q65. CH 43 is related to GL 23 in a certain way. In the same way, FK 85 is related to JO 65. To which of the given options is NS 76 related, following the same logic?

(a) RW 56
(b) RV 65
(c) TW 56

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(d) TU 65

Q66. 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) LCZ
(b) OFC
(c) TLH
(d) WNK

Q67. A and B started a business investing Rs. 45,000 and Rs. 60,000, respectively. After 4 months, C joined them with Rs. 75,000. If the total profit at the end of the year is Rs. 62,000, find the difference (in Rs.) between the shares of B and C in the profit.

(a) 6000
(b) 8000
(c) 7000
(d) 4000

Q68. The Indian Genomic Data Set launched in 2025 is stored at which of the following facilities?

(a) Indian Biological Data Centre
(b) National Data Archive of India
(c) Bharat Bioinformatics Center
(d) Indian Genomics Mission Lab

Q69. 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 conclusion(s) logically follow(s) from the statements.

Statements:

Some mats are carpets.

All carpets are rugs.

Conclusions:

(I) Some mats are rugs.

(II) All rugs are carpets.

(a) Only conclusion (II) follows.
(b) Both conclusions (I) and (II) follow.
(c) Neither conclusion (I) nor (II) follows.
(d) Only conclusion (I) follows.

Q70. A pipe can fill a tank in 5 hours, and another pipe can empty the same tank in 10 hours. How long will it take for both pipes to fill the tank when working together?

(a) 15 hours
(b) 12 hours
(c) 8 hours
(d) 10 hours

Q71. Three persons P, Q and R started a business with their shares in the ratio 6 : 3 : 15. After 5 months Q withdrew his 80% share and R withdrew his 52% share 4 months prior to completion of the year. If total profit in the year is Rs. 29900 then find the share of R (in Rs.) in the profit.

(a) 18558
(b) 18538
(c) 18580
(d) 18498

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Q72. What should come in place of the question mark (?) in the given series?

57 68 79 90 101 ?

(a) 110
(b) 108
(c) 112
(d) 114

Q73. 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. Four runners – Ravi, Sahil, Tarun, and Uday – run at different speeds.

Who is the fastest?

(I) Tarun runs faster than Ravi but slower than Sahil.

(II) Uday runs slower than Sahil but faster than Tarun.

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

Q74. Refer to the following letter series and answer the question that follows. Counting to be done from left to right only.

(Left) T O W A Q D F H G U K S I C X Z O F H G U K I S (Right)

How many such consonants are there, each of which is immediately preceded by a vowel and also immediately followed by a vowel?

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

Q75. Each vowel in the word WONDERS 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 will be there in the new group of letters thus formed?

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

ANSWER KEY

1	a	2	a	3	a	4	a	5	a	6	a	7	a	8	a	9	a	10	a
11	a	12	a	13	a	14	a	15	a	16	a	17	a	18	a	19	a	20	a
21	a	22	a	23	a	24	a	25	a	26	a	27	a	28	a	29	a	30	a
31	a	32	a	33	a	34	a	35	a	36	a	37	a	38	a	39	a	40	a
41	a	42	a	43	a	44	a	45	a	46	a	47	a	48	a	49	a	50	a
51	a	52	a	53	a	54	a	55	a	56	a	57	a	58	a	59	a	60	a
61	a	62	a	63	a	64	a	65	a	66	a	67	a	68	a	69	a	70	a
71	a	72	a	73	a	74	a	75	a										

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