RRB ALP CBT-I Official Paper (Held On: 13 Feb, 2026 Shift 1) (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, J, M, O, R, S and T has an exam on a different day of a week, starting from Monday and ending on Sunday of the same week.

S has an exam on Friday. Only two people have exams between G and S. Only four people have exams between M and G. J has an exam immediately after T. R does not have an exam on Monday.

How many people have exams between R and O?

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

Q2. Read the given statement(s) 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 statement(s).

Statements:

All cows are buttons.

All fingers are buttons.

Conclusions:

(I) No cows are fingers.

(II) Some fingers are cows.

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

Q3. A tuning fork is struck harder. Which of the following increases as a result?

(a) Amplitude only
(b) Frequency only
(c) Neither frequency nor amplitude
(d) Frequency and amplitude

Q4. If the interest earned during the 2nd year on a certain sum is Rs. 3072, and the rate of interest is 20% per annum compounded annually, then the sum is:

(a) Rs. 12800
(b) Rs. 12055
(c) Rs. 13545
(d) Rs. 12965

Q5. Find the simplified value of the following expression.

(36 ÷ 3) × (48 ÷ 6) - (16 ÷ 2)/4

(a) 24
(b) 21
(c) 23
(d) 22

Q6. Anand purchased an item and incurred Rs. 82 as repair expenses. Subsequently, he sold it to Bharath with 25% profit. Eventually, Bharath sold the item for Rs. 2915, making 47% loss. What was the cost (in Rs.) of the item for Anand just before selling it to Bharath?

(a) 4402
(b) 4398
(c) 4400
(d) 4397

Q7. What will come in place of the question mark (?) in the following equation, if '+' and '÷' are interchanged and '-' and 'x' are interchanged?

243 + 9 x 4 - 19 ÷ 200 = ?

(a) 149
(b) 151
(c) 144
(d) 156

Q8. Find the mean proportional of 49 and 16.

(a) 28
(b) 32
(c) 36
(d) 24

Q9. What should come in place of the question mark (?) in the given series based on the English alphabetical order?

GTN ZMG SFZ LYS ?

(a) RDS
(b) ERL
(c) ERF
(d) ERD

Q10. Shubh marks an article 40% above its cost price. He allows a single discount of d% on the marked price and still makes a profit of 10% on the cost price. Find the discount d%.

(a) 22%
(b) 212/7%
(c) 213/7%
(d) 23%

Q11. In a certain code language, ‘buy some food’ is coded as ‘lr tp nx’ and ‘food is tasty’ is coded as ‘nx ze jq’. How is ‘food’ coded in the given language?

(a) jq
(b) nx
(c) tp
(d) lr

Q12. A, G, H, P, S and Y 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. Only three people live between Y and H, where Y lives below H. G lives on an odd-numbered floor and immediately above Y. S lives on one of the floors below A and on one of the floors above P. Who lives on floor numbered 5?

(a) G

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(b) P
(c) Y
(d) A

Q13. Which of the following is NOT an example of connective tissue?
(a) Skin
(b) Bone
(c) Cartilage
(d) Blood

Q14. Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Note: All numbers are single digit numbers only.)

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

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

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

Q15. Among five people named V, W, X, Y and Z, each have a certain age. X is four times the age of Y. V's age is equal to the age of X. Y is one-third the age of Z. W is half the age of V. If the age of Z is 12, what is the age of W?
(a) 15
(b) 4
(c) 8
(d) 6

Q16. The LCM of the numbers 1.3, 7.6 and 0.13 is:
(a) 102
(b) 100
(c) 107
(d) 98.8

Q17. Below are given two sets of numbers. In each set of numbers, a certain mathematical operation on first number results in the second number. Similarly, certain mathematical operation on second number results in the third number and so on. Which of the given options follows the same set of operations as in question?

(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)

2 - 4 - 16 - 32 ; 3 - 6 - 36 - 72

(a) 5 - 10 - 100 - 200
(b) 9 - 18 - 36 - 72
(c) 1 - 2 - 4 - 16
(d) 6 - 12 - 144 - 248

Q18. A student's marks were incorrectly entered as 25 instead of 37. Due to this, the average marks of the class got decreased by 4/3. What is the number of students in the class ?
(a) 1
(b) 19
(c) 3
(d) 9

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Q19. Seven boxes, A, B, C, D, E, F and G, are kept one over the other but not necessarily in the same order. A is kept third from the top. Only one box is kept between A and D but D is not kept on the top. Only two boxes are kept between C and D. Only one box is kept between B and E and E is immediately above G. Which box is second from the top?

(a) C
(b) E
(c) D
(d) G

Q20. Which of the following is NOT a characteristic of muscular tissue?

(a) Muscles in limbs are voluntary muscles.
(b) Muscular tissues are composed of muscle fibres.
(c) Cardiac muscles are voluntary muscles.
(d) Voluntary muscles are also called skeletal muscles.

Q21. What should come in place of the question mark (?) in the given series?

214 201 190 181 174 ?

(a) 171
(b) 169
(c) 167
(d) 165

Q22. Two triangles share the same base of 14 cm. The area of one triangle is 98 cm^2. If the area of the other triangle is twice that of the first, find the height of the second triangle.

(a) 7 cm
(b) 14 cm
(c) 21 cm
(d) 28 cm

Q23. A, B, C, D, E, F and G are sitting around a circular table facing the centre. Only two people sit between C and B when counted from the right of C. Only two people sit between B and D. Only three people sit between C and F. G sits to the immediate left of E. How many people sit between A and B when counted from the left of A?

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

Q24. 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:

All taps are bats.

All bats are mugs.

Conclusions:

(I) Some mugs are bats.

(II) All taps are mugs.

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

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Q25. Refer to the following letter, symbol series and answer the question. Counting to be done from left to right only.

(Left) X # $ L K M O > ? A S + T % @ A P & ? X Z R @ * + # I O ? & @ E R $ Y U ? (Right)

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

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

Q26. What sum (in Rs.) will earn an interest of Rs. 480 in 2 years at 10% simple interest per year?

(a) 2550
(b) 2600
(c) 2400
(d) 2200

Q27. Sonal takes three times as much time as Parul and four times as much time as Sweety to complete the same task of decoration. Working together, they can complete the task in 6 days. How many days will Parul alone take to complete the task of decoration?

(a) 16
(b) 12
(c) 48
(d) 24

Q28. During the propagation of sound in air, rarefaction is the region where:

(a) particles are very close
(b) density is minimum
(c) pressure is high
(d) wavelength becomes zero

Q29. 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.

(Left) $ ^ < 9 * @ \ # ? 2 6 @ 2 \ % ^ & / 2 8 % (Right)

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

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

Q30. If an object is moved from beyond the center of curvature towards the focus in front of a concave mirror, the image _____.

(a) becomes smaller and moves closer to the mirror
(b) becomes larger and moves away from the mirror
(c) remains the same size and position
(d) becomes virtual and moves towards the mirror

Q31. KNVG is related to QIZD in a certain way based on the English alphabetical order. In the same way, HMSE is related to NHWB. To which of the following is GIUH related, following the same logic?

(a) NEYD
(b) MEXD
(c) MDYE
(d) NDXE

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Q32. Ashutosh starts from Point A and drives 19 km towards West. He then takes a left turn, drives 9 km, turns left and drives 26 km. He then takes a left turn and drives 19 km. He takes a final left turn, drives 7 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 South
(b) 11 km to the North
(c) 10 km to the North
(d) 10 km to the South

Q33. What should come in place of ? in the given series?

32 40 50 58 68 ?

(a) 75
(b) 76
(c) 77
(d) 78

Q34. PQ is a direct common tangent of two circles with centers, O1 and O2, respectively, that contact each other externally at a point A. The circles have radii of 11 cm and 4 cm, respectively. Find the length of PQ.

(a) 2√11 cm
(b) 3√11 cm
(c) 4√11 cm
(d) 5√11 cm

Q35. What will come in the place of '?' in the following equation, if '+' and '-' are interchanged and '×' and '÷' are interchanged?

22 ÷ 11 × 11 + 50 - 32 = ?

(a) 4
(b) 6
(c) 5
(d) 2

Q36. What should come in place of the question mark (?) in the given series based on the English alphabetical order?

QGY OFW MEU KDS ?

(a) IDQ
(b) ICR
(c) IDR
(d) ICQ

Q37. A flask in the shape of a right circular cone of height 19 cm is filled with water. The water is poured in the right circular cylindrical flask whose radius is one-third of the radius of the base of the circular cone. Then, what is the height of the water in the cylindrical flask?

(a) 83 cm
(b) 57 cm
(c) 53 cm
(d) 73 cm

Q38. The following data shows the ages of the patients admitted in a hospital during a year. What is the modal age of the patients (correct to 2 decimal places)?

Age (in years)	**5 - 10**	**10 - 15**	**15 - 20**	**20 - 25**	**25 - 30**	**30 - 35**	**35 - 40**
Number of Patients	4	10	8	2	12	6	3

(a) 32.23 years
(b) 29.12 years

(c) 33.51 years
(d) 28.13 years

Q39. Each of A, C, I, M, O, Q and W has an exam on a different day of a week starting from Monday and ending on Sunday of the same week.

A has an exam on Saturday. Only 4 people have exams between M and O, neither of whom has an exam on Monday. I has an exam immediately after Q, and W has an exam immediately before Q. O has an exam after I.

How many people have exams after I?

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

Q40. Which of the following is NOT lined by epithelial tissue?

(a) Skin
(b) Lung alveoli
(c) Kidney tubules
(d) Blood

Q41. Which reaction is NOT a displacement reaction?

(a) $Na + H_2O \rightarrow NaOH + H_2$
(b) $Zn + H_2SO_4 \rightarrow ZnSO_4 + H_2$
(c) $Fe + CuSO_4 \rightarrow FeSO_4 + Cu$
(d) $HCl + NaOH \rightarrow NaCl + H_2O$

Q42. A shopkeeper fixes the marked price of an item 20% above its cost price. What percentage of discount should he offer to gain 2%?

(a) 15%
(b) 17%
(c) 12%
(d) 18%

Q43. In a circle, the diameter PQ is extended through Q to an external point X. Tangent XY is drawn to point Y on the circle. If XY = 15 cm and QX = 9 cm, then find the radius of the circle.

(a) 7 cm
(b) 10 cm
(c) 8 cm
(d) 9 cm

Q44. D is the father of E. B is the son of F. D is married to F. K is the son of R, and R is the father of F. How is R related to D?

(a) Brother
(b) Wife's father
(c) Father
(d) Wife's brother

Q45. This question is based on the five, three-digit numbers given below.

(Left) 567 154 264 614 328 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)

What will be the resultant if third digit of the highest number is added to the second digit of lowest number?

(a) 5
(b) 8
(c) 6
(d) 9

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Q46. Which of the following Indian states became the third to achieve full functional literacy under the ULLAS - Nav Bharat Saaksharta Karyakram (New India Literacy Programme) in June 2025?

(a) Kerala
(b) Tripura
(c) Gujarat
(d) Assam

Q47. During a sale, 50% of the goods are sold at a 49% profit, 32% of the remaining goods are sold at a 45% profit and the still remaining goods are sold at a loss of 15%. If there is an overall profit of x%, then what is the value of x?

(a) 27%
(b) 26.6%
(c) 28.1%
(d) 25%

Q48. A and B can complete a job in 12 days and 18 days, respectively. If they work together for 6 days, how much of the job is left to be done?

(a) 1/9 of the job
(b) 1/7 of the job
(c) 1/2 of the job
(d) 1/6 of the job

Q49. 18 is related to 321 following a certain logic. Following the same logic,13 is related to 166. To which of the given options is 25 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) 622
(b) 422
(c) 626
(d) 426

Q50. Aryan starts from point P and walks for 4 m towards the south. Then he takes a left turn and walks for 3 m. Then he takes one more left turn and walks for 8 m. Then he takes a right turn and walks for 2 m. Then he takes the last right turn and walks for 4 m before stopping at point Q. Towards which direction should he walk in order to reach point P again? (All turns are 90-degree turns only unless specified.)

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

Q51. Good governance means:

(a) Government control over the media
(b) Transparent, accountable, and citizen-friendly administration
(c) Only strict laws
(d) Powerful political leaders

Q52. 5% of a number is what percentage of 4% of the same number?

(a) 125%
(b) 80%
(c) 55.55%
(d) 27.78%

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Q53. Which of the following best describes a heterogeneous mixture?

(a) It is a pure substance.
(b) Its components are visibly distinct.
(c) It has a single composition.
(d) It cannot be separated physically.

Q54. D, E, F, G, K, L and M are sitting around a circular table, facing the centre of the table.

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

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

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

Q55. When the one-third of a number is increased by 25, the result is 87. Find the sum of the digits of the original number.

(a) 15
(b) 14
(c) 18
(d) 17

Q56. Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group.

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

(a) GKN
(b) QTW
(c) LPS
(d) BFI

Q57. In a certain code language,

'M + N' means ‘M is the brother of N’,

'M - N' means ‘M is the husband of N’,

'M x N' means ‘M is the sister of N’ and

'M ÷ N' means ‘M is the mother of N’.

Based on the above, how is A related to F if ‘A - B ÷ C + D x E + F’?

(a) Father's brother
(b) Mother's brother
(c) Brother
(d) Father

Q58. 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) NR - KO
(b) PT - MR
(c) EI - BF
(d) JN - GK

Q59. Two sets of numbers are given below. 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)

18 - 23 - 33 - 165

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39 - 44 - 54 - 270

(a) 50 - 55 - 65 - 325
(b) 7 - 17 - 17 - 34
(c) 39 - 49 - 49 - 245
(d) 28 - 39 - 48 - 144

Q60. Each vowel in the word PROVIDE 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 be third from the left in the new number thus formed?

(a) Q
(b) U
(c) P
(d) C

Q61. In a code language, 'HUGE' is coded as 82 and 'MERCY' is coded as 128. How will 'ASPECT' be coded in the same language?

(a) 88
(b) 116
(c) 128
(d) 96

Q62. If $x : y = 9 : 11$, then what is the value of $((x+1)/(y+1))/((x^2-1)/(y^2-1))$?

(a) $(11k-1)/(3k+1)$
(b) $(11k-1)/(3k-1)$
(c) $(11k-1)/(9k-1)$
(d) $(7k-1)/(3k-1)$

Q63. Refer to the following letter series and answer the question that follows. Counting to be done from left to right only.

(Left) L W X W X J S I X D V H T T Z B R P C W B (Right)

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

(a) Two
(b) None
(c) More than three
(d) One

Q64. A sum of Rs. 3,540 is divided between Nisha, Sameer and Rupesh such that if their shares are decreased by Rs. 760, Rs. 190 and Rs. 280, respectively, then they are in the ratio of 10 : 2 : 9. What is the original share of Sameer?

(a) Rs. 468
(b) Rs. 596
(c) Rs. 137
(d) Rs. 410

Q65. If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 3615487, which of the following digits will be second from the left?

(a) 8
(b) 2
(c) 4
(d) 3

Q66. Select the triad which follows the same pattern as that followed by the two triads given below. Both triads follow the same pattern.

JNS – NRW – RVA

LPU – PTY – TXC

(a) UYD – YCH – CGL

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(b) UYD – YCI – CGL
(c) RVA – VZE – ZDH
(d) MQV – QUZ – VZE

Q67. Two trains A and B are running in opposite directions with speeds of 66 km/hr and 60 km/hr, respectively. If the length of the train A is 240 m and they cross each other in 10 seconds, then find the length of the train B.
(a) 110 m
(b) 120 m
(c) 150 m
(d) 144 m

Q68. What is the mode of the following data?
44, 45, 51, 50, 53, 54, 46, 44, 51, 46, 40, 42, 55, 42, 44, 55, 49, 44
(a) 44
(b) 51
(c) 40
(d) 55

Q69. 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 relatives – Leena, Mona, Pooja, and Reema – are of different ages.
Who is the second oldest?
(I) Mona is older than Leena but younger than Reema.
(II) Pooja is younger than Reema but older than Mona.
(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 both statements I and II together are NOT sufficient to answer the question
(c) Data in Statement II alone is sufficient to answer the question while data in Statement I is not
(d) Data in Statement I alone is sufficient to answer the question while data in Statement II is not

Q70. Refer to the following letter, symbol series and answer the question that follows. Counting to be done from left to right only.
(Left) $ T % K L € & € G R Y @ A W # Y © R B * O Y (Right)
How many such letter are there, each of which is immediately preceded by a letter and also immediately followed by a symbol?
(a) 6
(b) 5
(c) 4
(d) 3

Q71. 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) OVQ
(b) MTP
(c) JQL
(d) QXS

Q72. IM 126 is related to LN 116 in a certain way. In the same way, KO 149 is related to NP 139. To which of the given options is RV 263, following the same logic?
(a) UW 253
(b) TX 253
(c) SX 243
(d) TW 233

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Q73. If x% of 600 = 12% of 250 + 18% of 300, then the value of x is:

(a) 18
(b) 12
(c) 14
(d) 16

Q74. A person drove at 53 kmph for 2.5 hours, then increased his speed by 28 kmph, and reached the destination in another hour. Find the average speed (in kmph) of the person during the entire journey.

(a) 59
(b) 58
(c) 60
(d) 61

Q75. 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.

Among the five poles—R, A, M, E, and N—each having a different height, which one is the shortest?

(I) N is shorter than A. E is shorter than R.

(II) E is taller than N.

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

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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