RRB ALP CBT-I Official Paper (Held On: 16 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. Arvind bought an article for Rs. x. He sold it to Biru at a loss of 30%. Biru spent Rs. 198 on its transportation and sold it to Minu at a profit of 50%. If Minu bought it for Rs. 1,053, then what is the value of x?

(a) 671
(b) 696
(c) 715
(d) 720

Q2. If an object is placed between the centre of curvature (C) and the focus (F) of a concave mirror, what type of image will be formed?

(a) Highly enlarged and virtual
(b) Same size, real, and upright
(c) Diminished, real, and inverted
(d) Enlarged, real, and inverted

Q3. 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)

(24,8,384)

(18,6,216)

(a) (24,3,240)
(b) (15,9,240)
(c) (13,10,130)
(d) (17,6,204)

Q4. What should come in place of the question mark (?) in the given series?

145 132 120 109 99 90 ?

(a) 82
(b) 80
(c) 84
(d) 78

Q5. In which location was Exercise Cyclone 2025 conducted with Egypt in February?

(a) Babina Field, Uttar Pradesh
(b) Deesa Range, Gujarat
(c) Mahajan Field Firing Range, Rajasthan
(d) Jodhpur Desert Grounds, Rajasthan

Q6. If two lines are parallel and a transversal makes an angle of 65^o with one line, what is the measure of the corresponding angle on the other line?

(a) 65^o
(b) 25^o
(c) 115^o
(d) 55^o

Q7. A shopkeeper sells an item for Rs. 225.6 after giving two successive discounts of 90% and 50% on its marked price. Had he not given any discount, he would have earned a profit of 41%. What is the cost price (in Rs.) of the item?

(a) 3182
(b) 3204
(c) 3194
(d) 3200

Q8. Anand purchased an item and spent Rs. 84 on its repair. He then sold it to Bharath at a profit of 25%. Later, Bharath sold the item for Rs. 4368, incurring a loss of 9%. What was Anand's cost (in Rs.) of the item just before selling it to Bharath?

(a) 3840
(b) 3839
(c) 3842
(d) 3838

Q9. Which of the following observations supports that matter is made of small particles?

(a) Sugar dissolves in water without change in level.
(b) Oil floats above the surface after gentle stirring.
(c) Sand settles at the bottom when mixed with water.
(d) Chalk powder remains visible even after mixing.

Q10. In a certain code language,

'A + B' means 'A is the brother of B',

'A * B' means 'B is the father of A',

'A / B' means 'A is the sister of B' and

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

Based on the above, how is T related to Q if 'Q + L * Z + T + G'?

(a) Brother's son
(b) Sister
(c) Mother
(d) Sister's son

Q11. Match the columns.

Epithelial Tissue	Location		
I	Cuboidal Epithelium	A.	Lining of intestine
II	Columnar Epithelium	B.	Skin
III	Squamous Epithelium	C.	Lining of kidney tubules

(a) I-C; II-A; III-B
(b) I-A; II-C; III-B
(c) I-A; II-B; III-C
(d) I-B; II-C; III-A

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Q12. 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'.

How is M related to P if 'M + N ÷ O × P − Q?

(a) Daughter
(b) Wife's father's mother
(c) Mother's husband
(d) Brother's wife

Q13. Two pipes, A and B, can fill a tank in 20 minutes and 30 minutes, respectively. If both pipes are opened together, the time taken to fill the tank is:

(a) 13 minutes
(b) 15 minutes
(c) 14 minutes
(d) 12 minutes

Q14. In a certain code language, 'HAST' is coded as '3586' and 'DAHS' is coded as '6357'. What is the code for 'D' in the given code language?

(a) 5
(b) 6
(c) 7
(d) 3

Q15. The price of a shirt is first increased by 10% and then increased by x%. If the overall percentage increase is 19%, what is the value of x (rounded off to the nearest integer)?

(a) 11
(b) 8
(c) 10
(d) 9

Q16. What should come in place of the question mark (?) in the given series based on the English alphabetical order?

ACG IKO QSW YAE ?

(a) GIM
(b) GMI
(c) GMJ
(d) GYT

Q17. If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 7531468, how many digits will appear more than once in the new number thus formed?

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

Q18. Each of Aditi, Aryan, Rahul, Kirti, Riya, Tanvi and Mia has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. Aryan has an exam on Wednesday. Aditi has exam on the day immediately after Riya. Only two people have exams between Aryan and Riya. Rahul has exam on the day immediately after Kirti. Aryan has exam on the day immediately before Tanvi. How many people have exams after Mia?

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

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(d) 5

Q19. A, Q, N, L, R 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. L lives on an even-numbered floor but not on the topmost floor. Only three people live between K and N. R lives immediately below Q. K lives immediately above L. A lives on the topmost floor. Who lives on floor number 3?

(a) K
(b) Q
(c) R
(d) A

Q20. Aman earns Rs. 36,000 per month. He spends 30% on rent, 25% on food and 20% on education. He saves the rest. Find his total savings in one year.

(a) Rs. 1,11,000
(b) Rs. 1,15,800
(c) Rs. 1,08,000
(d) Rs. 1,04,400

Q21. Refer to the following series and answer the question that follows. Counting to be done from left to right. All numbers are single-digit numbers only.

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

How many such odd digits are there, each of which is immediately preceded by an even digit and also immediately followed by an odd digit?

(a) TWO
(b) ONE
(c) THREE
(d) NONE

Q22. This question is based on the following words:

SUN RAT HIT BEG

In each of the words, each vowel 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. In how many letter-clusters thus formed, will no vowel appear?

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

Q23. 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) YZ−DE
(b) MN−QU
(c) RS−WX
(d) NO−ST

Q24. Select the set in which the numbers are related in the same way as are the numbers of the given 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.)

(153, 228, 303)

(129, 204, 279)

(a) (168, 247, 342)
(b) (191, 266, 381)
(c) (172, 237, 322)

(d) (113, 188, 263)

Q25. In a code language, 'DEAR' is coded as 16 and 'ANGEL' is coded as 25. How will 'BEHAVIOR' be coded in the same language?

(a) 36
(b) 49
(c) 64
(d) 18

Q26. Among five people named V, W, X, Y and Z, each have a certain age. X is thrice the age of Y. The age of V is 3. Y is half the age of Z. W is twice the age of V. If Z is four times the age of W, what is the age of X?

(a) 40
(b) 34
(c) 36
(d) 38

Q27. Refer to the given letter and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) T O © L L $ G £ L D V & & N * M @ J X © B K (Right)

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

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

Q28. The gravitational potential energy of an object depends on what?

(a) Its velocity and mass
(b) Its acceleration only
(c) Its speed only
(d) Its mass and height

Q29. What will come in the place of '?' in the following equation, if '+' and '-' are interchanged and '×' and '÷' are interchanged?

31 - 26 × 1 ÷ 24 + 45 = ?

(a) 611
(b) 608
(c) 612
(d) 610

Q30. Refer to the following number, symbol series and answer the question that follows. Counting to be done from left to right only. All numbers are single-digit numbers.

(Left) ^ @ 4 > ? & % 2 ^ 5 * 7 3 6 ^ ? 8 6 & * 5 (Right)

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

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

Q31. Yatin starts from Point A and drives 21 km towards East. He then takes a left turn, drives 15 km, turns left and drives 29 km. He then takes a left turn and drives 26 km. He takes a final left turn, drives 8 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) 9 km to the North

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(b) 9 km to the South
(c) 10 km to the North
(d) 11 km to the North

Q32. The LCM of the numbers 0.9, 3.7 and 0.54 is:
(a) 105
(b) 100
(c) 99.9
(d) 106

Q33. Refer to the following letter, symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) F Y $ F O € Z # J © G * U N @ M $ N © £ © & (Right)

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

(a) 5
(b) 6
(c) 7
(d) 4

Q34. Rajesh and Naresh start a business by investing Rs. 66,000 and Rs. 29,000, respectively. Rajesh invests his money for 2 months and Naresh for 12 months. At the end of the year, 5% of the total profit is Rs. 7,036. What is Naresh's share of the profit (in Rs.)?
(a) 1,03,156
(b) 1,03,148
(c) 1,02,022
(d) 1,02,145

Q35. A faster train, 300 meters long, crosses a platform 600 meters in length in 40 seconds. A slower train, 450 meters long, takes 60 seconds to cross the same platform. Find the time it will take for the two trains to completely pass each other when traveling in opposite directions.
(a) 17.58 seconds
(b) 17.85 seconds
(c) 18.75 seconds
(d) 18.18 seconds

Q36. Each vowel in the word PRODUCT 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?
(a) C
(b) B
(c) P
(d) Q

Q37. Which of the following effects of smoking was observed in terms of respiration?
(a) Promotion of cilia in lower respiratory tract
(b) Destruction of cilia in upper respiratory tract
(c) Promotion of cilia in upper respiratory tract
(d) Destruction of cilia in lower respiratory tract

Q38. Select the triad which follows the same pattern as that followed by the two triads given below. Both triads follow the same pattern.

LHC – PLG – TPK

SOJ – WSN – AWR

(a) RNI – XTP – AVQ

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(b) VRM – ZVQ – DZU
(c) UQL – YUP – CYU
(d) UHK – XTP – FBX

Q39. A store marks up an item by 50% and then provides a discount of 20% on the marked price. If the final selling price is Rs. 2,400, what was the cost price (in Rs.)?
(a) 2000
(b) 2100
(c) 2050
(d) 1800

Q40. What should come in place of ? in the given series?
39 51 68 90 117 ?
(a) 150
(b) 148
(c) 151
(d) 149

Q41. 5 printers can print 9,000 pages in 6 hours. How many printers are needed to print 28,800 pages in 8 hours at the same rate?
(a) 11
(b) 13
(c) 10
(d) 12

Q42. HEVO is related to WTKD in a certain way based on the English alphabetical order. In the same way, PMDW is related to EBSL. To which of the given options is IFWP related, following the same logic?
(a) XEDS
(b) XULE
(c) XLOE
(d) XIOP

Q43. 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 people – Mehul, Nitin, Prakash, and Sandeep – are sitting in a straight line facing north.
Who is sitting at the extreme left end?
(I) Nitin is sitting immediately to the right of Mehul.
(II) Prakash is sitting immediately to the left of Sandeep.
(a) Data in Statement I alone is sufficient to answer the question while data in Statement II is not
(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 both statements I and II together are NOT sufficient to answer the question
(d) Data in Statement II alone is sufficient to answer the question while data in Statement I is not

Q44. 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. Only two people have their exams before D. Only one person has the exam after U. Only three people have their exams between D and B. Only one person has the exam between C and S. A has the exam immediately before C. How many people have exams between T and C?
(a) Three
(b) One
(c) Two
(d) Four

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Q45. What should come in place of the question mark (?) in the given series based on the English alphabetical order?

GKB IMF KOJ MQN ?

(a) OSR
(b) PSR
(c) PTR
(d) OSS

Q46. 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 bugs are moths.

Some moths are parrots.

Conclusions:

(I) Some parrots are bugs.

(II) All moths are bugs.

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

Q47. A, T, Z, R, Y and L are sitting around a circular table facing the centre. T sits second to the left of L. Only two people sit between Z and L when counted from the left of Z. A sits to the immediate left of Z and to the immediate right of R. Who is sitting second to the left of R?

(a) L
(b) T
(c) Z
(d) Y

Q48. Praveen and Sheenu are partners in a business. Praveen invests Rs. 35,000 for 9 months and Sheenu invests Rs. 42,000 for 10 months. Out of a profit of Rs. 31,570, find Sheenu's share.

(a) Rs. 18,020
(b) Rs. 18,640
(c) Rs. 18,240
(d) Rs. 18,040

Q49. Sumeet built a conical tent having a floor diameter of 28 m and a perpendicular height of 48 m. What was the length of a 10 m wide canvas that Sumeet needed for the purpose? [Use $\pi = 22/7$]

(a) 179 m
(b) 220 m
(c) 200 m
(d) 196 m

Q50. Which of the following numbers is divisible by 11?

(a) 231243
(b) 322431
(c) 232144
(d) 432321

Q51. 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)

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10 - 5 - 25 - 30 ; 4 - 2 - 4 - 9

(a) 7 - 49 - 54 - 60
(b) 8 - 4 - 16 - 21
(c) 12 - 6 - 36 - 40
(d) 10 - 20 - 40 - 50

Q52. A boat running downstream covers a distance of 18 km in 3 hours while it covers the same distance upstream in 9 hours. The speed of the boat in still water is:

(a) 4 km/hr
(b) 6 km/hr
(c) 8 km/hr
(d) 2 km/hr

Q53. Select the pair which follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

VQG : WNJ

DUN : ERQ

(a) KRG : LOI
(b) PNQ : QKS
(c) IRI : JOL
(d) NPL : OLO

Q54. When a living plant cell loses water through osmosis, what happens to the cell contents?

(a) They swell and burst
(b) They contract and move away from the cell wall
(c) They dissolve
(d) They remain unchanged

Q55. What is the mode of the following data?

89, 76, 76, 88, 81, 81, 65, 90, 83, 89, 64, 63, 78, 64, 82, 87, 79, 89, 87, 65, 86, 77, 80, 70, 67

(a) 76
(b) 89
(c) 64
(d) 81

Q56. The volume of a cylinder having diameter 18 cm and height 35 cm is:

Take $\pi = 22/7$

(a) 8910 cm^3
(b) 8920 cm^3
(c) 8918 cm^3
(d) 8902 cm^3

Q57. 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—I, N, C, H, and L—each having a different height, which pole is the shortest?

(I) L is taller than H.

(II) Only one pole is shorter than I. I is shorter than H but taller than N.

(a) 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) Both statements I and II together are NOT sufficient to answer the question

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Q58. Wasim starts from Point A and drives 24 km towards the south. He then takes a right turn, drives 24 km, turns right and drives 31 km. He then takes a right turn and drives 33 km. He takes a final right 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) 9 km to the west
(b) 6 km to the east
(c) 7 km to the east
(d) 8 km to the west

Q59. On a certain sum, if at the same rate of interest, for 2 years, the simple interest is Rs. 66 and compound interest is Rs. 67, then what is the sum (in Rs.)?

(a) 1093
(b) 1089
(c) 1084
(d) 1082

Q60. T, W, A, L, O and B 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. A lives on an even-numbered floor. T lives immediately below A. Exactly one person lives between T and L. Exactly one person lives between W and L. W lives immediately above O. O does not live on the lowermost floor. Who lives immediately above L?

(a) A
(b) W
(c) O
(d) T

Q61. To neutralise excess acidity in the stomach, one can take:

(a) Lemon juice
(b) Antacids like Mg(OH)2
(c) HCl solution
(d) Vinegar

Q62. Each vowel in the word TRASHED 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 group of letters thus formed?

(a) Q
(b) G
(c) R
(d) B

Q63. Determine the arc length (in units) of a sector, if the angle of the sector with radius 6 units is 60°. (Take $\pi = 22/7$)

(a) 33/7
(b) 11/7
(c) 44/7
(d) 22/7

Q64. 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) AB-EF
(b) RS-VW
(c) TZ-AB
(d) GH-KL

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Q65. A, B and C together can complete a task in 20 days. A and B together can do it in 30 days, and B and C together can do it in 24 days. How long would B alone take to complete the entire work?

(a) 45 days
(b) 54 days
(c) 40 days
(d) 48 days

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) HJL
(b) PRT
(c) BDF
(d) QSV

Q67. What sum (in Rs.) will earn an interest of Rs. 460 in 4 years at 10% simple interest per year?

(a) 1300
(b) 950
(c) 1350
(d) 1150

Q68. A, B, C, D, E, F and G are sitting around a circular table facing the centre.

Only three people sit between A and C when counted from the left of A. Only three people sit between B and G when counted from the right of G.F sits to the immediate right of B.D is an immediate neighbour of G as well as C.

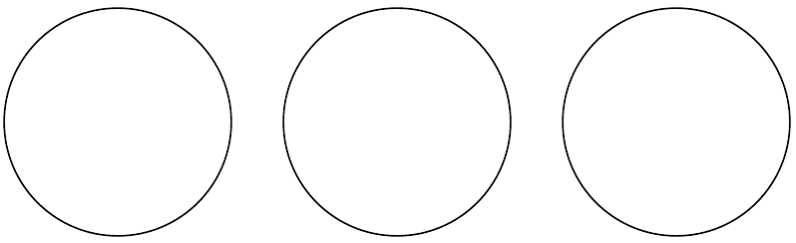
How many people sit between C and F when counted from the left of F?

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

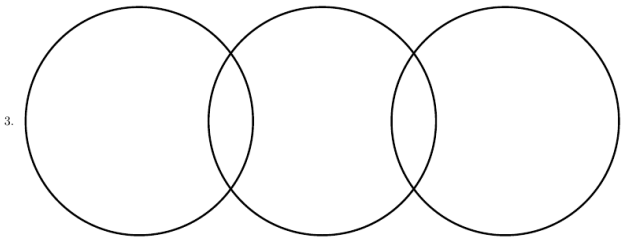
Q69. Select the Venn diagram that best illustrates the relationship between the following classes.

Lawyers, Teachers, Parents

(a)

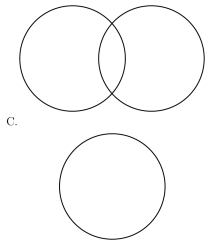


(b)

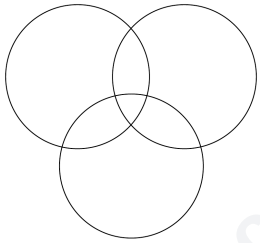


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(c)



(d)



Q70. How many members are elected to the Public Accounts Committee from Rajya Sabha?

(a) 15
(b) 22
(c) 5
(d) 7

Q71. The marks obtained by 9 students of a class in mathematics are 76, 85, 47, 67, 85, 76, 47, 76, 67. What is the mode of these numbers?

(a) 67
(b) 47
(c) 85
(d) 76

Q72. The sum of the present ages of Bunty and Bubbly is 24 years. After 2 years from now, Bunty's age will be three times that of Bubbly's age. Bunty's present age (in years) is:

(a) 17
(b) 22
(c) 28
(d) 19

Q73. A student's marks were incorrectly entered as 84 instead of 94. Due to this, the average marks of the class got decreased by 5/4. What is the number of students in the class?

(a) 8
(b) 4
(c) 15
(d) 17

Q74. A ball is dropped from a height and falls freely for 2 seconds. Its average speed during this time is: (Consider: acceleration due to gravity =10 m/s^2)

(a) 5 m/s
(b) 20 m/s
(c) 15 m/s
(d) 10 m/s

Q75. 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?

45 C 9 B 7 D 195 A 13 = ?

(a) 90

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(b) 95
(c) 93
(d) 94

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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