RRB ALP CBT-I Official Paper (Held On: 18 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. A student's marks were incorrectly entered as 35 instead of 99. Due to this, the avarage marks of the class got decreased by 8/3. What is the number of students in the class ?

(a) 24
(b) 34
(c) 33
(d) 28

Q2. Refer to the following letter, symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) A & # W Z € % © H M O # $ U £ F * H D € © H (Right)

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

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

Q3. If ‘P’ stands for ‘×’, ‘Q’ stands for ‘÷’, ‘R’ stands for ‘−’ and ‘S’ stands for ‘+’, then what will come in place of the question mark (?) in the following equation?

13 P 7 R (45 Q 5) P 2 = ?

(a) 82
(b) 73
(c) 49
(d) 34

Q4. What sum (in Rs.) will earn an interest of Rs. 480 in 2 years at 16% simple interest per year?

(a) 1650
(b) 1700
(c) 1300
(d) 1500

Q5. What should come in place of the question mark (?) in the given series based on the English alphabetical order?

PTC KOX FJS AEN ?

(a) VZI
(b) VSZ
(c) VZS
(d) VIZ

Q6. 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) RU - QV
(b) LP - KO
(c) UY - TX
(d) GK - FJ

Q7. Shivam distributed Rs. 23400 between his two grandsons 14-year-old Rupesh and 15-year-old Mandar such that they get equal money when they turn 23 years old. Till then the money is in a bank getting compound interest at 8% per annum, compounded annually. How much (in Rs.) Shivam deposited in the name of Mandar?

(a) 12150
(b) 11250
(c) 12500
(d) 11000

Q8. From a point within an equilateral triangle, perpendicular lines are drawn to its sides. The lengths of these perpendiculars are 5 m, 6 m, and 7 m. Find the area of the triangle.

(a) 105 √3 sq. m
(b) 98 sq.m
(c) 75 sq.m
(d) 108√3 sq. m

Q9. A is the brother of B. B is the son of C. M is married to B. Q is the only daughter of M. C is the sister of D. How is A related to C?

(a) Father
(b) Brother
(c) Daughter
(d) Son

Q10. 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)

2 - 10 - 20 - 25 ; 1 - 5 - 10 - 15

(a) 9 - 45 - 90 - 105
(b) 3 - 15 - 20 - 40
(c) 5 - 25 - 50 - 60
(d) 4 - 20 - 40 - 45

Q11. 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, which is numbered 6.

Only two people live between Y and H. Only two people live between G and S. No one lives above G. H lives below S but above P.

How many people live below A?

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

Q12. Each vowel in the word WICKED is changed to the letter immediately following it in the English alphabetical order and each consonant is changed to the letter immediately preceding it in the English alphabetical order. How many letters will appear exactly twice in the new group of letters thus formed?

(a) 3

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

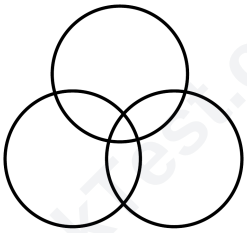
Q13. A rider travels 60 km at a speed of 30 km/h, then travels another 40 km at a speed of 20 km/h, and finally covers 50 km at 25 km/h. What is the average speed (in km/h) of the rider for the entire journey?

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

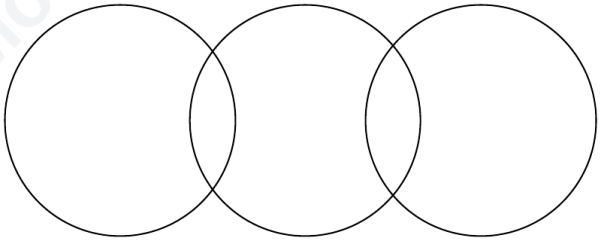
Q14. Select the Venn diagram that best illustrates the relationship between the following classes.

Carrot, Apples, Lime

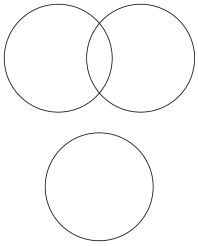
(a)



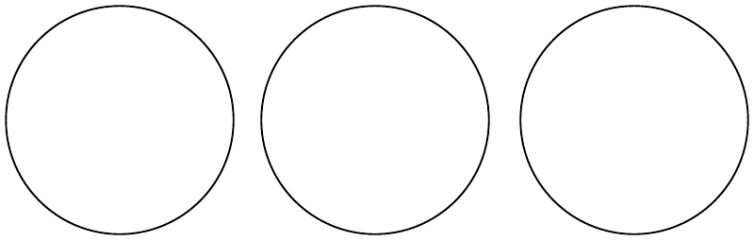
(b)



(c)



(d)



Q15. 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 select the most appropriate answer.

Question:

Among 5 poles, I, L, O, M and D each having a different height, which pole is the tallest?

Statements:

(I) I is shorter than L but taller than O.

(II) O is taller than M but shorter than D.

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

Q16. Find the mean proportional between 25 and 49.
(a) 51
(b) 35
(c) 52
(d) 54

Q17. 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/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)
(4, 8, 36)
(3, 3, 18)
(a) (5, 2, 21)
(b) (11, 5, 49)
(c) (15, 1, 32)
(d) (6, 3, 28)

Q18. 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) FIL
(b) SVX
(c) QTV
(d) MPR

Q19. What is the mode of the following data?
78, 60, 85, 76, 84, 86, 73, 89, 78, 77, 60, 63, 62, 72, 61, 78, 67, 77, 61, 78, 75, 61, 88, 66, 69
(a) 77
(b) 60
(c) 61
(d) 78

Q20. Find the curved surface area (in cm^2) of a hemisphere of radius 125 cm.
(a) 31250π
(b) 31255π
(c) 31244π
(d) 31241π

Q21. A shopkeeper marks an article 30% above its cost price. He then allows a discount of 20% on the marked price and still makes a profit of Rs. 32. Find the cost price of the article.
(a) 800
(b) 680
(c) 720
(d) 700

Q22. A shopkeeper fixes the marked price of an item 56% above its cost price. What percentage of discount should he offer to gain 17%?
(a) 24%
(b) 26%

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(c) 22%
(d) 25%

Q23. The difference between the interior and exterior angles at a vertex of a regular polygon is 150°. The number of sides of the polygon is :

(a) 22
(b) 24
(c) 20
(d) 26

Q24. The speed of a boat in still water is 8 km/hr. It can go 12 km upstream and 18 km downstream in 4 hours. Find the speed of the stream. (Rounded off up to two decimal places)

(a) 3.56 km/hr
(b) 3.12 km/hr
(c) 1.85 km/hr
(d) 2.89 km/hr

Q25. In the following number-pairs, the second number is obtained by applying certain mathematical operation(s) to the first number. Which numbers should replace X and Y, so that the pattern followed by the two numbers on the left side of :: is the same as that on the right side of ::?

(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.)

X : 24 :: 13 : Y

(a) X = 7, Y = 130
(b) X = 8, Y = 130
(c) X = 12, Y = 26
(d) X = 8, Y = 36

Q26. Which of the following correctly describes lymph?

(a) Coloured fluid rich in red blood cells
(b) Fluid that flows only inside arteries
(c) Fluid containing more proteins than blood plasma
(d) Similar to plasma but colourless and low in proteins

Q27. Which of the following is correct regarding the quantity of stain retained by the cytoplasm in a temporary mount of onion peel?

(a) No stain
(b) Very little stained
(c) Very high stained
(d) Medium stained

Q28. Seven people, J, K, L, M, N, O and P, are sitting around a circular table facing the centre. J sits third to the right of M and second to the left of N. K is an immediate neighbour of both M and N. O is second to the left of P. How many people sit between M and P when counted from the left of M?

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

Q29. 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?

79 D 12 B 4 C 100 A 5 = ?

(a) 55
(b) 50

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(c) 51
(d) 53

Q30. Pipe A can fill a tank three times as fast as another pipe B. If the two pipes working together can fill the tank in 36 minutes, then in what time will the slower pipe alone fill the tank?
(a) 144 minutes
(b) 82 minutes
(c) 108 minutes
(d) 150 minutes

Q31. 5% of a number is what percentage of 5% of the same number?
(a) 25%
(b) 100%
(c) 50%
(d) 110%

Q32. Triangle ABC is right angled at B. BD is an altitude on AC. If AD = 5 cm and DC = 9 cm, what is the length (in cm) of BD?
(a) $\sqrt{5}$
(b) $2\sqrt{5}$
(c) $3\sqrt{5}$
(d) $4\sqrt{5}$

Q33. Which Act does the Digital Personal Data Protection Rules, 2025, facilitate the implementation of?
(a) Information Technology and Cybersecurity Act, 2023
(b) Digital Personal Data Protection Act, 2023
(c) Digital Privacy Act, 2023
(d) Data Protection Act, 2023

Q34. Daniel starts from Point A and drives 23 km towards South. He then takes a left turn, drives 14 km, turns left and drives 27 km. He then takes a left turn and drives 23 km. He takes a final left turn, drives 4 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90-degree turns only, unless specified.)
(a) 9 km to the west
(b) 10 km to the east
(c) 9 km to the east
(d) 10 km to the west

Q35. The population of a town increased by 25% in the first year, then decreased by 20% in the second year and again increased by 10% in the third year. If the initial population was 50,000; find the population after 3 years.
(a) 57000
(b) 55000
(c) 56500
(d) 58500

Q36. Lenses in spectacles help correct vision defects due to:
(a) Dispersion of light
(b) Scattering of light
(c) Refraction of light through lenses
(d) Reflection from mirrors

Q37. In the following triads, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one which follows the same logic.
NOSE - ENOS - SENO
HAND - DHAN - NDHA
(a) TREK - KRTE - EKTR

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(b) TREK - KTRE - ETKR
(c) TREK - KTRE - EKTR
(d) TREK - KRTE - ETKR

Q38. Refer to the following letter series and answer the question that follows. Counting to be done from left to right only.

(Left) N E F M L C L T X X R X D G J A M Q F T Q (Right)

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

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

Q39. Why does the palm feel cool when acetone is poured on it?

(a) Particles remain still and reflect the surrounding heat.
(b) Particles release energy to the palm and condense.
(c) Particles absorb energy from the palm and evaporate.
(d) Particles expand and trap air between skin layers.

Q40. Swara starts from point P and walks for 8 m towards the north. Then she takes a right turn and walks for 5 m. Then, again, she takes a right turn and walks for 4 m. One more time she takes a right turn and walks for 10 m. Then she takes a left turn and walks for 4 m before stopping at point Q. Towards which direction should she walk in order to reach Point P again? (All turns are 90-degree turns only unless specified.)

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

Q41. Which of the following officially determines the constitutional validity of any legislation?

(a) The Parliament of India through a special resolution
(b) The Union Cabinet through executive interpretation
(c) The Supreme Court of India through judicial review
(d) The President of India through constitutional discretion

Q42. Among five people named V, W, X, Y and Z, each have a certain age. X is twice the age of V. V is three times the age of Y. Y is one-fifth the age of W. The age of W is 15. If Z's age is equal the age of X, what is the age of Z?

(a) 22
(b) 20
(c) 16
(d) 18

Q43. Simplify: 125 ÷ 25 × 6 + 12 − 9

(a) 28
(b) 36
(c) 33
(d) 23

Q44. Which of the given letter-number clusters will replace the question mark (?) in the following series to make it logically complete?

WDX14, CKD27, IRJ40, OYP53, ?

(a) FFV66
(b) UFO66
(c) UFV66
(d) UPV66

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Q45. What should come in place of ? in the given series?

58 59 61 65 73 ?

(a) 88
(b) 87
(c) 89
(d) 86

Q46. A man buys a watch for Rs. 1,500. He sells it to his friend at a profit of 12% on his cost price. The friend then sells it to another person at a profit of 8% on his own cost price. What is the difference between the original cost price and the final selling price?

(a) Rs. 314.40
(b) Rs. 312.40
(c) Rs. 318.40
(d) Rs. 316.40

Q47. 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 – Ankita, Bhavna, Chitra, and Deepa – scored different marks.

Who scored the highest marks?

(I) Bhavna scored more than Ankita but less than Chitra.

(II) Deepa scored more than Bhavna but less than Chitra.

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

Q48. When the one-third of a number is increased by 83, the result is 97. Find the sum of the digits of the original number.

(a) 6
(b) 8
(c) 4
(d) 7

Q49. Which of the following hybridisation crossing is NOT used for the improvement in crop varieties?

(a) Intraspecific
(b) Interspecific
(c) Intergeneric
(d) Intervarietal

Q50. What should come in place of the question mark (?) in the given series?

108 103 97 90 82 73 ?

(a) 61
(b) 63
(c) 67
(d) 65

Q51. A can complete a task in 15 days, and B can complete the same task in 20 days. If both work together, how long will it take them to finish the task?

(a) 74/7 days
(b) 43/7 days
(c) 84/7 days
(d) 53/7 days

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Q52. This question is based on the five, three-digit numbers given below.

(Left) 452 852 674 528 429 (Right)

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

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

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

Q53. S, T, U, V, W, X and Y 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. V lives on second floor. Only two persons live between V and U. X lives immediately below U. S lives immediately above T. Y does not live on the lowermost floor. On which floor number does Y live?

(a) Floor number 6
(b) Floor number 4
(c) Floor number 7
(d) Floor number 3

Q54. The Simplified value of (cbrt4913/4√1296)×3/51×168 is

(a) 26
(b) 28
(c) 38
(d) 30

Q55. In a certain code language, ‘HASP’ is coded as ‘8294’ and ‘ASHY’ is coded as ‘2879’. What is the code for ‘Y’ in the given code language?

(a) 2
(b) 9
(c) 7
(d) 8

Q56. In a certain code language, ‘BREW’ is coded as ‘8135’ and ‘WEAR’ is coded as ‘3915’. What is the code for ‘A’ in the given code language?

(a) 1
(b) 3
(c) 5
(d) 9

Q57. This question is based on the following words:

PAN BIT SOG RUB

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

Q58. Select the pair which follows the same pattern as that followed by the two set of pairs given below. Both pairs follow the same pattern.

NLOR : RHKN

IQCS : MMYO

(a) XEPM : CALI
(b) KPNT : OLJQ

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(c) JPZK : NLVG
(d) WDHY : AZEU

Q59. In a certain code language,
'A + B' means 'A is the father of B',
'A - B' means 'A is the mother of B',
'A * B' means 'A is the sister of B' and
'A / B' means 'A is the brother of B'.
Based on the above, how is L related to N if 'P + L / R - N'?
(a) Brother
(b) Mother's brother
(c) Mother's father
(d) Husband

Q60. The median of 3/7, 3/5, 11/13, 14/16 and 17/19 is _____.
(a) 17/19
(b) 11/13
(c) 3/5
(d) 14/16

Q61. Which of the following correctly describes the effect of consuming ethanol?
(a) Small amounts of dilute ethanol cause drunkenness, whereas absolute alcohol can be lethal
(b) Long-term consumption of diluted ethanol has no health impact on humans
(c) Absolute alcohol in any amount causes minor intoxication without severe effects
(d) Small amounts of absolute alcohol are safe, but diluted ethanol is always fatal

Q62. Seven people, A, B, C, D, E, F and G, are sitting in a row, facing north. Only F sits to the left of E. Only four people sit between F and G. Only B sits between D and A, and D is not an immediate neighbour of G. How many people live between C and D?
(a) 2
(b) 4
(c) 1
(d) 3

Q63. Three persons Amar, Akbar and Sunil start a business with the investments Rs. 15,600, Rs. 10,400 and Rs. 11,700, respectively. They got 20% of the total investment as profit and they planned to reinvest 5% of the profit. If the remaining profit is distributed in the ratio of their investments, then find the share of Sunil in the profit.
(a) Rs. 2,845
(b) Rs. 3,247
(c) Rs. 2,223
(d) Rs. 4,225

Q64. A car falls off a ledge and drops to the ground in 0.8 s. Take g = 10 m/s² (for simplifying the calculations). How high is the ledge from the ground?
(a) 4.0 m
(b) 2.0 m
(c) 3.2 m
(d) 6.4 m

Q65. Refer to the following letter, symbol series and answer the question that follows. Counting to be done from left to right only.
(Left) * M © U Q £ Q £ @ © V € H B $ W © I Q # U X (Right)
How many such letter 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) 3
(c) 2
(d) 5

Q66. No matter where an object is placed in front of it, a concave lens always forms an image that is:
(a) Virtual, inverted, and enlarged
(b) Real, erect, and same size
(c) Real, inverted, and enlarged
(d) Virtual, erect, and diminished

Q67. Each of Abhi, Bhanu, Chetu, Devansh, Ekansh, Falak and Gyanu play a game on a different day of a week starting from Monday and ending on Sunday of the same week. Chetu plays the game on Friday. Ekansh plays immediately after Bhanu and Bhanu plays immediately after Devansh. Devansh does not play on Monday. Gyanu plays immediate before Falak. On which day does Abhi play the game?
(a) Sunday
(b) Thursday
(c) Monday
(d) Wednesday

Q68. Tarun and Varun start a business by investing Rs. 12,000 and Rs. 72,000, respectively. Tarun invests his money for 4 months and Varun for 10 months. At the end of the year, 20% of the total profit is Rs. 16,800. What is Varun's share of the profit (in Rs.)?
(a) 76350
(b) 76550
(c) 78750
(d) 78250

Q69. 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) PM - OL
(b) MJ - LI
(c) VS - UR
(d) TQ - KO

Q70. Each of N, K, J, R, P, S and M has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. M has an exam on Wednesday. N has exam on the day immediately after S. Only 2 people have exams between P and R. K has exam on the day immediately before M. R's exam is neither on Sunday nor on Monday. J has exam on the day immediately before S. Who among the following has exam on Monday?
(a) M
(b) K
(c) J
(d) P

Q71. Refer to the following letter series and answer the question that follows. Counting to be done from left to right only.
(Left) K S U L H A A E G H L A J Z X G U P E U P H (Right)
How many such consonants are there, each of which is immediately preceded by a vowel and also immediately followed by a vowel?
(a) 4
(b) 1
(c) 3
(d) 2

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Q72. 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 doctors are eagles.

No snakes are doctors.

Conclusions:

(I) Some eagles are not snakes.

(II) All eagles are doctors.

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

Q73. What will come in the place of '?' in the following equation, if '+' and '-' are interchanged and '×' and '÷' are interchanged?

6 × 45 ÷ 15 + 8 - 13 = ?

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

Q74. An article is sold at a profit of 40%. If the cost price is increased by Rs. 28 and the selling price is reduced by Rs. 84, then the profit would be 37.5%. What is the original cost price (in Rs.) of the article?

(a) 4800
(b) 4900
(c) 5000
(d) 4700

Q75. Select the pair which follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

KFM : GCR

RMS : NJX

(a) MSU : IPZ
(b) PST : KNY
(c) HOP : DJU
(d) ORG : KNL

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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