RRB ALP CBT-I Official Paper (Held On: 16 Feb, 2026 Shift 2) (Previous Year Paper)

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

Take this paper as a timed mock test

Practise under exam conditions, then review your answers after you submit.

yourmocktest.com/pyq/rrb-alp/rrb-alp-cbt-i-official-paper-held-on-16-feb-2026-shift-2-previous-…

Scan the QR code or click the link to open it.

YourMockTest.com — Free Study Material

STAGE I (CBT I)

Q1. Find the HCF of 24, 36 and 102.

(a) 12
(b) 6
(c) 8
(d) 4

Q2. A and D are married to each other. A is the mother of L. L is the husband of P. P is the mother of U. U is the sister of O. O is the only grandson of D. How is O related to L?

(a) Father's father
(b) Son
(c) Daughter
(d) Father

Q3. WURT is related to RPMZ in a certain way based on the English alphabetical order. In the same way, QNLG is related to LIGM. To which of the following is SPMH related, following the same logic?

(a) MKIN
(b) NKHN
(c) NLIM
(d) MLHM

Q4. Refer to the following letter series and answer the question that follows. Counting to be done from left to right only.

(Left) N G T X R K H V A W Z W U B R E C F K L Z (Right)

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

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

Q5. 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, until the topmost floor is numbered 6. H lives immediately above Y. Only two people live between P and Y. P lives on an odd-numbered floor. S lives immediately below G. Who lives on the topmost floor?

(a) S
(b) P
(c) A
(d) H

Q6. Train A is 260 m long and crosses a platform of length 160 m in 28 seconds. Train B is 340 m long and passes a stationary man in 20 seconds. Both trains travel at constant speeds on parallel straight tracks. Find the time (in seconds) taken when the faster train completely overtakes the slower train while moving in the same direction?

(a) 250
(b) 320
(c) 360
(d) 300

Q7. What should come in place of ? in the given series?

23 26 31 38 47 ?

(a) 57
(b) 58
(c) 59
(d) 60

Q8. A rectangular piece of paper is 44 cm long and 89 cm wide. A cylinder is formed by rolling the paper along its length. Find the curved surface area of the cylinder.

(a) 3961 cm^2
(b) 3931 cm^2
(c) 3902 cm^2
(d) 3916 cm^2

Q9. Kamal starts from point X and walks for 3 m towards west. Then he takes a left turn and walks for 8 m. Then he takes a left turn again and walks for 10 m. Then, again, he takes a left turn and walks for 2 m. Once more he takes a left turn and walks for 7 m and stops at a point Y. Towards which direction should he walk in order to reach point A again? (All turns are 90-degree turns only unless specified.)

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

Q10. Akshita starts from Point A and drives 22 km towards North. He then takes a left turn, drives 17 km, turns left and drives 27 km. He then takes a left turn and drives 21 km. He takes a final left 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-degree turns only, unless specified.)

(a) 5 km to the west
(b) 5 km to the east
(c) 4 km to the east
(d) 4 km to the west

Q11. In a code language, 'ONE' is coded as 9 and 'FOUR' is coded as 16. How will 'FIFTEEN' be coded in the same language?

(a) 18
(b) 49
(c) 24
(d) 36

Q12. A, B, C, D, E and F are sitting around a circular table, facing the centre. D sits to the immediate right of E. B sits to the immediate right of F. C sits second to the left of E. What is the position of A with respect to C?

(a) Third to the right
(b) Third to the left
(c) Immediate right
(d) Second to the left

YourMockTest.com — Free Study Material

Q13. Which type of cell has very small vacuoles?

(a) Plant cell
(b) Bacterial cell
(c) Fungal cell
(d) Animal cell

Q14. What is the mode of the following data?

86, 84, 71, 82, 82, 63, 84, 71, 70, 86, 88, 65, 71, 81, 87, 60, 60, 74, 78, 62, 75, 66, 68, 85, 72

(a) 71
(b) 86
(c) 82
(d) 84

Q15. In a certain code language,

'A + B' means 'A is the son 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 T related to M if 'T × R – Y + G ÷ M'?

(a) Brother's daughter
(b) Brother's wife
(c) Mother
(d) Sister

Q16. 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) M is taller than L. L is taller than D.

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

(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.

Q17. If the frequency of a sound wave increases and the speed remains constant, its wavelength will:

(a) decrease
(b) increase
(c) remain the same
(d) become zero

Q18. The value of $8^2 + \sqrt{(10^2)} - 1\sqrt{16} - 5 =$

(a) 65
(b) 66
(c) 62
(d) 73

Q19. Substances degraded easily by the biological processes are called as _____.

(a) Hard material
(b) Non-biodegradable
(c) Soft material

YourMockTest.com — Free Study Material

(d) Biodegradable

Q20. When an object is placed at infinity in front of a convex lens, the image formed is:

(a) Virtual, erect, and at infinity
(b) Real, erect, and at 2F
(c) Virtual, inverted, and at the focus
(d) Real, inverted, and at the focus

Q21. A student's marks were incorrectly entered as 34 instead of 70. Due to this, the average marks of the class got decreased by 4/3. What is the number of students in the class?

(a) 28
(b) 32
(c) 27
(d) 23

Q22. What sum (in Rs.) will earn an interest of Rs. 480 in 2 years at 5% simple interest per year?

(a) 4800
(b) 4600
(c) 4950
(d) 5000

Q23. A circle has a radius of 8 cm. A chord AB is drawn such that the distance from the centre O to the chord is 6 cm. What is the length of AB?

(a) 4√15 cm
(b) 4√7 cm
(c) 8√7 cm
(d) 2√7 cm

Q24. 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) 9 1 7 5 1 1 4 7 2 1 9 5 4 8 5 6 6 8 7 6 8 1 5 7 6 2 8 (Right)

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

(a) 3
(b) 5
(c) 2
(d) 4

Q25. A 628 m long train crosses a man walking at a speed of 10.1 km/h in the opposite direction in 12 seconds. What is the speed (in km/h) of the train?

(a) 179.3
(b) 178.3
(c) 180.2
(d) 180.6

Q26. 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) 4 3 1 2 $ 9 & 2 ? 4 @ 1 9 * 3 7 3 @ & < % (Right)

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

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

YourMockTest.com — Free Study Material

Q27. What should come in place of the question mark (?) in the given series based on the English alphabetical order?

CAU JHB QOI XVP ?

(a) ERT
(b) ECW
(c) EWC
(d) EDS

Q28. 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?

(12 P 3) Q 4 S 5 P 8 = ?

(a) 41
(b) 53
(c) 49
(d) 62

Q29. In a certain code language, 'SHAT' is coded as '4956' and 'ASHY' is coded as '3645'. What is the code for 'Y' in the given code language?

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

Q30. The price of a product increases by 38% in the first year and then decreases by 20% in the second year. If the initial price of the product is Rs. 5,100, calculate the final price at the end of the second year.

(a) Rs. 5,490.60
(b) Rs. 5,570.20
(c) Rs. 5,720.80
(d) Rs. 5,630.40

Q31. If $2x + 3y = 11$ and $xy = 2$, find the value of $4x^2 + 9y^2$.

(a) 97
(b) 117
(c) 101
(d) 109

Q32. If the mean of 15 numbers is 25 and one number 36.2 is removed from the numbers, then the mean of the remaining numbers is:

(a) 20.8
(b) 24.2
(c) 21.9
(d) 20.1

Q33. What should come in place of the question mark (?) in the given series based on the English alphabetical order?

BAJ VUD POX JIR ?

(a) DFR
(b) DRF
(c) DCL
(d) DLC

Q34. Refer to the following letter series and answer the question that follows.

(Left) M P L T V H B U I N G F D C R E W X L M P O T Y R C D S W Z X D F (Right)

How many letters are there in the letter series between the letter which is sixth from the right end and sixth from left end of the series?

(a) 21
(b) 22

YourMockTest.com — Free Study Material

(c) 23
(d) 20

Q35. A shopkeeper bought 50 mangoes at Rs. 10 each. He sold 30 mangoes at a profit of 20% and the remaining 20 mangoes at a loss of 10%. What is his overall profit or loss percentage?
(a) 8% profit
(b) 2% loss
(c) 4% profit
(d) 6% loss

Q36. What will come in the place of '?' in the following equation, if '+' and '-' are interchanged and '×' and '÷' are interchanged?
33 + 31 × 31 ÷ 2 - 49 = ?
(a) 80
(b) 81
(c) 78
(d) 82

Q37. The colour of scattered light depends on the size of the scattering particles. Very fine particles scatter mainly which colour of light?
(a) Yellow light
(b) Blue light
(c) Red light
(d) Green light

Q38. A and B invested in a business in the ratio 4 : 5. They earned a profit of Rs. 54,000. They shared one-half of the profit equally and the other half in proportion to their investment. Find the profit share of B.
(a) Rs. 25,750
(b) Rs. 28,500
(c) Rs. 27,550
(d) Rs. 26,650

Q39. Refer to the following letter series and answer the question that follows. Counting to be done from left to right only.
(Left) O K A E K J E E K R Y U V J M W O F E O Y A (Right)
How many such vowel are there, each of which is immediately preceded by a consonant and also immediately followed by a vowel?
(a) 4
(b) 2
(c) 3
(d) 5

Q40. 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) VS - WT
(b) MJ - NK
(c) TQ - JI
(d) OL - PM

Q41. Refer to the following letter, symbol series and answer the question that follows. Counting to be done from left to right only.
(Left) J @ € * Y % V % C I D % D H $ K © L E £ M C (Right)
How many such symbol are there, each of which is immediately preceded by a letter and also immediately followed by a letter?
(a) 8

YourMockTest.com — Free Study Material

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

Q42. Two taps, A and B, can fill a cistern in 6 hours and 7.5 hours, respectively. Both the taps are opened for 2 hours and then B is turned off. How much time will A take to fill the remaining cistern?

(a) 3.2 hours
(b) 2.4 hours
(c) 2 hours
(d) 5/3 hours

Q43. A cistern has two inlets I1 and I2 which can fill it in 16 hours and 20 hours, respectively. An outlet can empty the full cistern in 12 hours. If all the three pipes are opened together in the empty cistern, how much time will they take to fill the cistern completely?

(a) 34 2/6 days
(b) 34 2/7 days
(c) 36 5/6 days
(d) 33 6/7 days

Q44. What should come in place of the question mark (?) in the given series?

79 88 100 115 133 154 ?

(a) 170
(b) 181
(c) 178
(d) 175

Q45. Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All angry are birds.

Some angry are pigs.

Conclusion (I): Some birds are pigs.

Conclusion (II): All pigs are birds.

(a) Only conclusion (I) follows
(b) Only conclusion (II) follows
(c) Neither conclusion (I) and (II) follows
(d) Both conclusion (I) and (II) follow

Q46. A shopkeeper marks a mobile phone 40% above its cost price. He then offers two successive discounts of 10% and 5% on the marked price. Find the profit percentage he makes on the cost price.

(a) 23%
(b) 22.3%
(c) 19.7%
(d) 21%

Q47. The price of an article was Rs. 1600. It increased by 10% in the first year and by 30% in the second year. What is the price (in Rs.) of the article after two years?

(a) 2080
(b) 2288
(c) 1760
(d) 2248

YourMockTest.com – Free Study Material

Q48. During a sale, 55% of the goods are sold at a 41% profit, 20% of the remaining goods are sold at a 19% profit and the rest are sold at a 21% loss. If there is an overall profit of x%, then what is the value of x?

(a) 12%
(b) 15%
(c) 10.5%
(d) 16.7%

Q49. The area of a square is 6561 cm^2. Its perimeter is equal to the perimeter of a regular hexagon. What is the area (in cm^2) of the hexagon?

(a) $4348\sqrt{3}$
(b) 4338
(c) $4374\sqrt{3}$
(d) 4404

Q50. 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.

Only three people have exams between O and S. Only three people have exams between G and J. T has an exam on some day before R and on some day after M. Only J has an exam after S.

Who has an exam on Thursday?

(a) G
(b) T
(c) O
(d) M

Q51. 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) E is taller than only one pole. R is taller than A.

(II) E is 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) 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

Q52. 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?

159 C 60 A 12 B 11 D 203 = ?

(a) 11
(b) 10
(c) 12
(d) 14

Q53. From the top of a tower, the angles of depression of two objects, on the ground on the same side of it are observed to be 60° and 30°, respectively, and the height of the tower is 450 m. The distance between the objects (in m) is:

(a) $450\sqrt{3}$
(b) $300\sqrt{3}$
(c) $150\sqrt{3}$
(d) $100\sqrt{3}$

Q54. Among five people named V, W, X, Y and Z, each has a different age. Z is older than Y but younger than W. X is older than V but younger than Y. Who among them is the second oldest?

(a) X
(b) W
(c) V

YourMockTest.com — Free Study Material

(d) Z

Q55. 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) XY−ZA
(b) LM−MQ
(c) NO−PQ
(d) QR−ST

Q56. 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) FG-HI
(b) ST-UV
(c) OP-IJ
(d) WX-YZ

Q57. What is the product when ethanol reacts with sodium?

(a) Sodium ethoxide and hydrogen gas evolve during the reaction with ethanol.
(b) Sodium oxide and water evolve during the reaction with ethanol only.
(c) Sodium carbonate and hydrogen gas evolve during the reaction with ethanol.
(d) Sodium hydroxide and oxygen gas evolve during the reaction with ethanol.

Q58. Two sets of numbers are given below. In each set of numbers, certain mathematical operation(s) on the first number result(s) in the second number. Similarly, certain mathematical operation(s) on the second number result(s) in the third number and so on. Which of the given options follows the same set of operations as in 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.)

6 – 36 – 72 – 144 ; 7 – 49 – 98 – 196

(a) 15 – 225 – 625 – 676
(b) 5 – 25 – 50 – 110
(c) 8 – 64 – 128 – 226
(d) 12 – 144 – 288 – 576

Q59. The Directive Principles of State Policy in the Indian Constitution _____.

(a) Cannot be questioned in courts
(b) Are enforceable by courts
(c) Are not enforceable by any court
(d) Override Fundamental Rights in courts

Q60. A and B start a business by investing Rs. 29,000 and Rs. 95,000, respectively. B withdraws his investment after 6 months, and then C joins the business with an investment of Rs. 67,000 for the remaining period of the year. If 15% of the total profit is Rs. 6,600, what is B's share of the profit?

(a) Rs. 19,500
(b) Rs. 19,000
(c) Rs. 20,500
(d) Rs. 20,000

Q61. BE 11 is related to AI 33 in a certain way. In the same way, HK 16 is related to GO 48. To which of the given options is SV 18 related, following the same logic?

(a) TY 55
(b) RZ 54
(c) TZ 65
(d) RY 55

Q62. On a certain sum, at the same rate of interest, the simple interest is Rs. 66 and compound interest is Rs. 69 for 2 years. What is the sum (in Rs.)?

(a) 358
(b) 356
(c) 367
(d) 363

Q63. D, E, F, G, K, L and M are sitting around a circular table, facing the centre of the table. F sits third to the left of K. Only one person sits between K and D when counted from the left of D. Only two people sit between L and E when counted from the right of E. G is an immediate neighbour of L.

Who sits third to the right of M?

(a) G
(b) D
(c) L
(d) F

Q64. Vineet buys a juicer for Rs. 5,400. He wishes to gain a profit of 20% after offering a discount of 10% on the marked price to his customer. What should be the marked price (in Rs.) for this purpose?

(a) 7150
(b) 7200
(c) 7050
(d) 7100

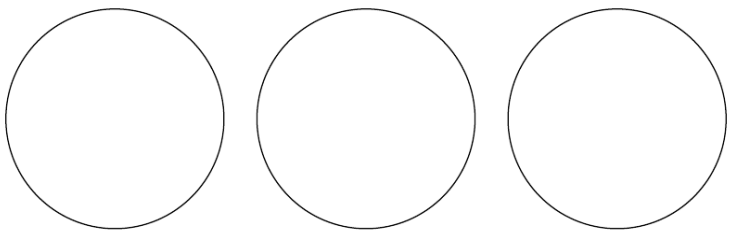
Q65. A and B start a business by investing Rs. 40,000 and Rs. 60,000, respectively. At the end of the year, they earn a profit of Rs. 20,000. How much profit will A receive?

(a) Rs. 7,500
(b) Rs. 8,000
(c) Rs. 9,000
(d) Rs. 8,500

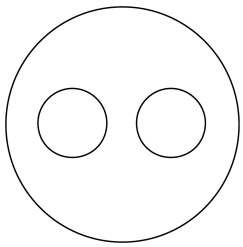
Q66. Select the venn diagram that best illustrates the relationship between the following classes.

Rabbits, Ants, Lions

(a)

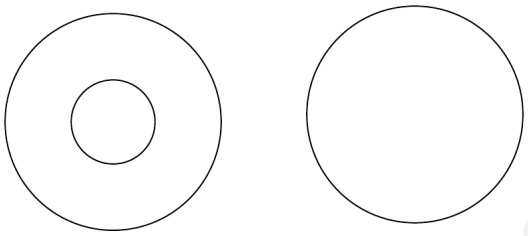


(b)

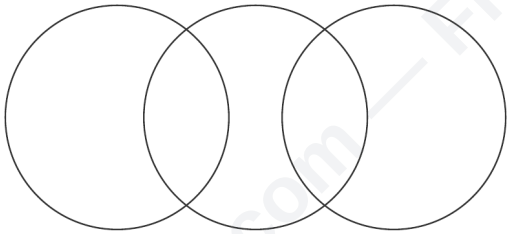


YourMockTest.com — Free Study Material

(c)



(d)



Q67. Refer to the following letter series and answer the question that follows. Counting to be done from left to right only.

(Left) X H O Z N M W I C G I U S O R Y I Y V I H W (Right)

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

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

Q68. Seven boxes, A, B, C, D, E, F and G, are kept one over the other, but not necessarily in the same order. E is kept third from the bottom. G is kept immediately above E. Only two boxes are kept between G and A, but A is not kept in the lowermost position. B is kept immediately below A. Only two boxes are kept between C and F, and D is kept immediate below F. Which box is third from the top?

(a) D
(b) A
(c) C
(d) F

Q69. 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)

42 - 45 - 270 - 265

25 - 28 - 168 - 163

(a) 28 - 39 - 156 - 153
(b) 12 - 23 - 46 - 37
(c) 33 - 34 - 204 - 193
(d) 20 - 23 - 138 - 133

Q70. CPWG is related to HLZE in a certain way based on the English alphabetical order. In the same way, IMTE is related to NIWC. To which of the following is JOWF related, following the same logic?

(a) OKZD
(b) OLYD
(c) PKYE
(d) PLZE

YourMockTest.com — Free Study Material

Q71. When a drop of ink is placed in water, it spreads evenly without stirring. What does this demonstrate?

(a) Particles are at rest
(b) Water reacts with ink
(c) Particles of matter are constantly moving
(d) Particles are heavy and settle down

Q72. Which of the following option is INCORRECT about plasma membrane?

(a) It is rigid in nature
(b) It is outermost covering of the cell
(c) It is selectively permeable
(d) Plasma membrane is made up of lipid and protein

Q73. Which organisation hosted the National Agro-RE Summit 2025?

(a) Ministry of Power
(b) National Solar Energy Federation of India
(c) Indian Renewable Energy Development Agency
(d) NITI Aayog

Q74. Each of P, Q, R, S, T, U and V has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. R has an exam on Friday. Only 2 people have an exam between R and Q. S has an exam immediately before U and P has an exam immediately after V. Only 2 people have an exam between T and U.

Who has an exam on Monday?

(a) P
(b) T
(c) S
(d) U

Q75. 49 is related to 99 following a certain logic. Following the same logic, 73 is related to 147. To which of the given options is 26 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/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.)

(a) 53
(b) 64
(c) 59
(d) 62

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										

More previous year papers and mock tests: **www.yourmocktest.com/pyq**

YourMockTest.com — Free Study Material