

MODEL SOLVED PAPER

UCO BANK PO EXAM

HELD ON : 30.01.2011 • Based on Memory

REASONING

Directions (1-5) : Study the following information carefully and answer the given questions.

A, B, C, D, E, F, G and H are sitting around a circular table facing the centre. Each one of them has a different profession viz. doctor, engineer, architect, teacher, clerk, shopkeeper, businessman and banker.

A sits third to right of teacher. D sits second to left of G. G is not an immediate neighbour of the teacher. Only one person sits between B who is the shopkeeper and teacher. The one who is an architect sits third to right of the shopkeeper. H sits between architect and engineer. E is not an immediate neighbour of H. Engineer sits third to the right of clerk. Only one person sits between businessman and F. E is neither a businessman nor a doctor.

- Which of the following is **true** with respect to the given seating arrangement?
 - E is an immediate neighbour of the engineer
 - E is an architect
 - The clerk is an immediate neighbour of the banker
 - The teacher sits between H and the engineer
 - Shopkeeper sits second to the right of the teacher
- What is the profession of H ?
 - Businessman
 - Architect
 - Banker
 - Teacher
 - Shopkeeper
- What is the position of doctor with respect to the banker?
 - Immediately to the left
 - Third to the left
 - Second to the right
 - Fourth to the left
 - Second to the left

- Who sit/s exactly between the architect and the businessman?
 - C and H
 - Clerk
 - Banker and shopkeeper
 - Doctor
 - C and teacher
- Who amongst the following is a clerk?
 - DC
 - D
 - E
 - F
 - G

Directions (6-10) : In each question below is given a statement followed by two assumptions/inferences numbered I and II. An assumption is something supposed or taken for granted and an inference is something which can be directly inferred from the given facts. You have to consider the statement and the following assumptions/inferences and decide which of those is/are implicit in the statement.

Give answer (1) if only I is implicit.

Give answer (2) if only II is implicit.

Give answer (3) if either I or II is implicit.

Give answer (4) if neither I nor II is implicit.

Give answer (5) if both I and II are implicit.

6. Statement : Let the secretary prepare PowerPoint presentation for Ashish.

I. Ashish is incapable of preparing a PowerPoint presentation himself.

II. The secretary is well versed with operations of PowerPoint.

7. Statement: Cars found parked in VIP parking area would be towed away.

I. Some people have different parking privileges than others.

II. Parking spaces for VIPs and general public are separate.

8. Statement: A flyover would ease the traffic on Motilal Nagar road.

I. The Motilal Nagar road usually has a lot of traffic.

II. Currently also there is a flyover on Motilal Nagar road.

9. Statement: The newly launched book is making India read like never before.

I. India did not have avid readers before the launch of this book.

II. This book has not been as successful as other books by the same author.

10. Statement: To avoid standing in long queues, book your tickets on the internet.

I. Most people prefer to book tickets on the internet these days.

II. Apart from the internet, tickets are available elsewhere as well.

Directions (11-15) : In each question below a statement is given followed by two courses of action numbered I and II. A course of action is a practicable and feasible step or administrative decision to be taken for follow-up, improvement, or further action in regard to the problem, policy, etc. On the basis of the information given in the statement, you have to assume everything in the statement to be true, and decide which of the suggested courses of action logically follow(s) for pursuing.

Give answer (1) if only course of action I follows.

Give answer (2) if only course of action II follows.

Give answer (3) if either course of action I or course of action II follows.

Give answer (4) if neither course of action I nor course of action II follows.

Give answer (5) if both courses of action I and II follow.

11. Statement : Despite all the efforts by the government, thirty cases of polio were reported in State X as the parents of those children remained uninformed of this drive against polio.

Courses of action:

- I. Strict action should be taken against the p'Srents of children affected from polio.
- II. Strict action should be taken against the doctors administering polio drops in the state.

- 12. Statement :** Private airliners have increased the fare during festive season by almost 50%.

Courses of action:

- I. People should be advised to travel only by buses and trains during the festive season.
- II. Airfares should be regulated by the government to a certain limit.

- 13. Statement:** Several passengers were stranded at the airport as all the flights had to be cancelled due to severe snowfall for the third consecutive day.

Courses of action:

- I. All the flights should be immediately resumed.
- II. Airport authority should provide appropriate stay arrangements for the stranded passengers.

- 14. Statement:**

A practice march by the Army is scheduled to be held on one of the busiest roads in the city on Tuesday.

Courses of action:

- I. Traffic should be diverted during the practice march so as to ease traffic congestion during that time.
- II. Public notices should be issued to avoid using the road till the practice march on Tuesday gets over.

- 15. Statement :** Very few students have been opting for academic research as professional courses offer better economic dividends.

Courses of action :

- I. Academic research should be linked to industry so as to improve its economic perspective.
- II. Economic dividends of professional courses should be made less attractive so as to attract students to academic research as well.

Directions (16-20): Each of the questions below consists of a question and two statements numbered I and II given below it.

You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and —

Give answer (1) if the data in statement **I alone** are sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question.

Give answer (2) if the data in statement **n alone** are sufficient to answer the question, while the data in statement I alone are not sufficient to answer the question.

Give answer (3) if the data **either** in statement I alone or in statement II alone are sufficient to answer the question.

Give answer (4) if the data even in both statements I and II together are **not** sufficient to answer the question.

Give answer (5) if the data in both statements I and II **together** are necessary to answer the question.

- 16.** Point A is towards which direction from point B ?

- I. If a person walks 5,m towards West from point A, takes a left turn and walk 5 m again, he would be 4 m away from point B.
- II. Point A is towards the North of point C, point C is towards the East of point D and point B is towards the East of point D.

- 17.** Is S the mother of M ?

- I. M is sister of Q, Q is sister of R and R is daughter of S.
- II. M is daughter of Land L is sister of V.

- 18.** Are all the five friends viz. A, B, C, D and E who are seated around a circular table facing the centre?

- I. A sits third to the right of D. D faces the centre. B sits second to the right of A.
- II. C sits second to the left of E. E faces the centre. D sits second to the right of C.

- 19.** How is 'came' written in the code language?

- I. 'we came by car' is written as '4 9 2 8' and 'can we buy car' is written as '5 8 0 2'.

- II. 'can car be cheap' is written as '8 1 5 3' and 'came by cheap car' is written as '9 8 4 r.

- 20.** Who amongst Shreya, Jyoti, Leena, Pia and Kajal is the shortest?

- I. Leena is taller than Pia and Pia is taller only than Shreya.
- II. Kajal is taller than Jyoti and Leena. Leena is taller than Pia. Shreya is not the tallest.

Directions (21-23) : Read the following paragraph and answer the questions which follow:

It is true that the green revolution has succeeded in transforming the Indian economy from a situation of severe food shortage into one where the country has not only become self-reliant in food production but has also been able to generate a sizable surplus for export. However, the high doses of chemical fertilizers and pesticides, which have been used under this 'conventional' farming technology (along with 'high yielding varieties of seeds' and irrigation) are now reversing the trend and causing severe environmental and health hazards, including the contamination of ground water,

- 21.** Which of the following statements would **strengthen** the author's argument?

- (1) India faced severe food shortages before the inception of green revolution.
- (2) Organic farming i.e. farming without the use of chemical fertilizers makes the food products too expensive at retail level.
- (3) Many farmers have reported, that the soil in their fields became infertile within five years of switching over to chemical fertilizers.
- (4) Farmers not relying on the hybrid and high yielding variety of seeds as propagated by green revolution do not make as much profit as the ones using methods of green revolution.
- (5) High yielding varieties of seeds as propagated by green revolution do not require much water for irrigation purposes and are also resistant to pest attacks.

22. Which of the following can be **inferred**? (An inference is something which is not directly stated but can be inferred from the given facts.)

- (1) Many countries have banned use of chemical fertilizers
- (2) Green revolution failed miserably to do any good to India's needs.
- (3) The negative effects of techniques of green revolution were not anticipated at its inception
- (4) India will never face food shortage again
- (5) The main focus of green revolution was to help international fertilizer manufacturers sell their products in India.

23. Which of the following statements represents a **possible effect** of the conventional Green Revolution techniques of farming if it continues in the days to come ?

- (1) India would never face severe food shortage again in the future
- (2) Export of food products would increase manifold
- (3) Only ground water would be used for irrigation purpose
- (4) Cases of chemical poisoning would increase substantially
- (5) Farmers not following methods of Green Revolution would face severe health hazards

24. Which of the following symbols should replace the question mark in the given expression in order to make the expressions 'J > M' as well as 'N < K' **definitely true**?
 $J \geq K ? L = M > N$

- (1) $J < K$
- (2) $J > K$
- (3) $J = K$
- (4) $J \leq K$
- (5) $J \geq K$

25. In which of the following expressions will the expressions 'D ≥ B' as well as 'C > F' be **definitely true**?

- (1) $A \geq B \geq C > D = F$
- (2) $A < B \leq C = D > F$
- (3) $A < B \leq C \leq D > F$
- (4) $A < B \geq C = D > F$
- (5) None of these

Directions (26-30) : Study the following information to answer the given questions:

Twelve people are sitting in two parallel rows containing six people each,

in such a way that there is an equal distance between adjacent persons. In row-1 P, Q, R, S, T and V are seated and all of them are facing South. In row-2 A, B, C, D, E and F are seated and all of them are facing North. Therefore, in the given seating arrangement each member seated in a row faces another member of the other row.

P sits third to the left of T. Neither P nor T sits at an extreme end of the line. A sits second to the right of E. Neither A nor E faces T or P. A does not sit at an extreme end. R does not face A and R does not sit at an extreme end of the line. Only one person sits between F and C. Neither F nor C faces T. C does not sit at the extreme end. Only one person sits between V and Q. F is not an immediate neighbour of B and A does not face V.

26. How many persons are seated between B and D ?

- (1) One
- (2) Two
- (3) Three
- (4) Four
- (5) None

27. V is related to B in the same way as Q is related to C. To which of the following is P related to, following the same pattern ?

- (1) F
- (2) A
- (3) D
- (4) E
- (5) None of these

28. Which of the following is true regarding V ?

- (1) V faces A
- (2) T is not an immediate neighbour of V.
- (3) C faces the one who is second to left of V
- (4) V sits at one of the extreme ends of the line
- (5) R sits third to the right of V

29. Who amongst the following sit at extreme ends of the rows?.

- (1) D, F
- (2) V, S
- (3) Q, S
- (4) B, D
- (5) None of these

30. Who amongst the following faces B ?

- (1) V
- (2) S
- (3) Q
- (4) R
- (5) T

Directions (31-37) : Study the following information to answer the given questions:

Six chemicals L, M, N, O, P and Q are kept in bottles of different colours viz, green, red, blue, white, pink and

violet, not necessarily in the same order. There bottles are arranged from left to right, again not necessarily in the same order.

Chemical M is kept in white bottle. Chemical L is not kept in green bottle and is kept to the immediate left of the violet bottle. Chemical O is kept in the blue bottle and is kept exactly between the bottles containing chemicals L and M. The red bottle is at the extreme left end. The bottles containing chemical Q is not kept at either of the ends. The green bottle is kept at the extreme right end. Chemical P is not kept near the white bottle.

31. Four of the following five are alike in a certain way based on their positions in the above arrangement and so form a group. Which is the one that **does not** belong to the group ?

- (1) LM
- (2) LP
- (3) QO
- (4) LQ
- (5) NO

32. Which bottle contains chemical L?

- (1) Pink
- (2) Blue
- (3) Red
- (4) Cannot be determined
- (5) None of these

33. Which of the following combinations of chemical and bottle is **correct** ?

- (1) P - Red
- (2) N - Green
- (3) P - Green
- (4) Q - Pink
- (5) None of these

34. Which bottle contains chemical Q?

- (1) Pink
- (2) Green
- (3) Violet
- (4) Cannot be determined
- (5) None of these

35. If all the six chemicals are arranged alphabetically from left to right, positions of how many will remain unchanged ?

- (1) None
- (2) One
- (3) Two
- (4) Three
- (5) Four

36. Which bottle contains chemical N?

- (1) Green
- (2) Red
- (3) Pink
- (4) Cannot be determined
- (5) None of these

37. Which chemical is kept in the bottle at the extreme right end ?

- (DP) (2)N
(3)L
(4) Cannot be determined
(5) None of these

Directions (38 - 45): Study the following information to answer the given questions :

A word and number arrangement machine when given an input line of word and numbers rearranges them following a particular rule. The following is an illustration of input and rearrangement. (All numbers in these questions are two digit numbers)

Input: lived 18 a 12 once 93 upon 32 time 46 wolf

Step I : a lived 18 12 once 93 upon 32 46 time wolf

Step II : a once 18 12 93 upon 32 46 lived time wolf

Step III: a once upon 18 12 93 32 46 lived time wolf

Step IV: a once upon 93 18 12 32.46 lived'time wolf

Step V: a once upon 93 46 18 12 32 lived time wolf

Step VI: a once upon 93 46 32 18 12 lived time wolf

Step VI is the last Step of the arrangement of the above input as the intended arrangement is obtained.

Directions (38 - 42) : Now, answer the questions based on the following input:

Input: unique 84 can 77 open 86 quick 13 base 53 amiss 11 equal 98 start

38. Which of the following would be Step II for the above Input ?
(1) amiss equal unique 84 77 open 86 quick 13 base 53 11 98 can start
(2) amiss equal open unique 84 77 86 quick 13 base 53 11 98 can start
(3) amiss equal open unique 84 77 86 13 53 11 98 base can quick start
(4) amiss unique 84 77 open 86 13 base 53 11 equal 98 can quick start
(5) None of these
39. Which of these words/numbers would be fifth (from right side) in Step III for the input?
(1)53 (2)11
(3) equal (4) 98
(5) None of these

40. Which of the following would be the **last step** for the input?

- (1) amiss equal open unique **98 86 84 77 53 13 11** base can quick start
(2) amiss equal open unique **98 84 86 77 53 13 11** base can quick start
(3) amiss equal open unique **98 86 84 77 53 13 11** can base quick start
(4) amiss equal open unique **98 86 84 77 53 11 13** base can quick start
(5) None of these

41. How many Steps would be needed to complete the arrangement for the above input?

- (1)**VII** (2)**III**
(3) **v** (4) **rv**
(5) None of these

42. The following stands for which step of the rearrangement?

amiss equal open unique 98 84 77 86 13 53 11 base can quick start

- (1) Step **III** (2) Step **V**
(3) Step **VI** (4) Step **IV**
(5) None of these

Directions (43-45) : Given below are five steps in a jumbled order in the form of (A), (B), (C), (**D**) and (E) for an input. Arrange them according to the order in which they should appear based on the example given. Then answer the questions that follow.

- (1) arrival on **16 44 28 66** finish match
(2) arrival on **66 44 28 16** finish match
(3) arrival **16 44 28** on **66** finish match
(4) arrival on **66 44 16 28** finish match
(5) arrival on **66 16 44 28** finish match

43. Which of the following will be **Step II**?

- (1)A (2)B
(3) C (4) D
(5)E

44. Which of the following will be **Step ra** ?

- (D)A (2)B
(3) C (4) **D**
(5)E

45. Which of the following will be **Step I**?

- (DA) (2)B
(3) C (4) D
(5)E

Directions (46-52) : Study the following information to answer the given questions:

Six plays A, B, C, D, E and F are to be staged starting from Monday and ending on Sunday with one of the days being an off day, not necessarily in the same order. Each of the plays has different time duration: Vi hour, 1 hour, 1 Vi hours, 2 hours, 2 hours and 3 hours, again not necessarily in the same order.

Sunday is not an off day and a Play of '**2** hour duration is staged on that day. Play A is staged immediately before Play E. There are two plays staged between Play F which is for 3 hours and Play C which is for 1 Vi hours. The off day is after the staging of Play E and there are two days between the off day and Play A. Play D which is for 2 hours is not staged on Monday. The play staged immediately before'the off day is of 3 hours. Play A is for less than 1-h hours.

46. What is the time duration of Play B ?

- (1)2/5> hours (2) 2 hours
(3) 1 hour (4) 1/2 hour
(5) None of these

47. Which day is the off day?

- (1) Tuesday (2) Monday
(3) Friday (4) Saturday
(5) Cannot be determined

48. Which of the following combinations of Play - Day - Time Duration is **correct** ?

- (1) E - Wednesday - 2 hours
(2) A - Tuesday - 1 hour
(3) C - Thursday - 1/h hours
(4) F - Tuesday - 3 hours
(5) None is correct

49. On which day is Play D staged?

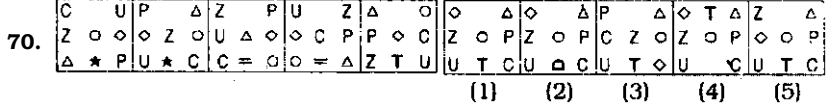
- (1) Wednesday (2) Saturday
(3) Tuesday (4) Friday
(5) Cannot be determined

50. How many plays are staged before the off day?

- (1)Two (2) One
(3) Five (4) **Three**
(5) None of these

Directions (51-52): Keeping all the other information the same, if D is staged on Monday, then_____


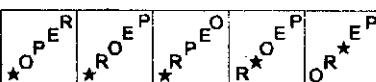
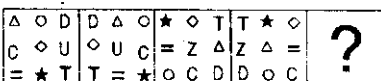
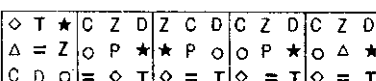

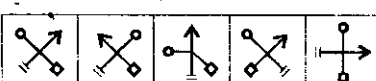
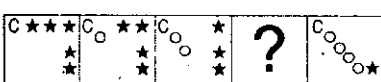
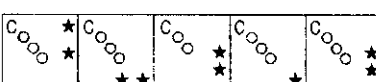
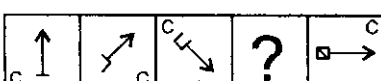
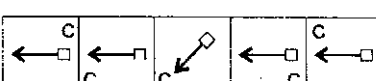
60. What does 'do' stand for?
 (1) hour (2) 'is' or 'traffic'
 (3) it (4) is
 (5) None of these



Directions (71-75) : In each of these questions there are two sets of figures. The figures on the left are Problem Figures (four figures and one question-marked space) and those on the right are Answer Figures indicated by numbers (1), (2), (3), (4) and (5). A series is established if one of the five Answer Figures is placed at the "question-marked space". Question Figures form a series if they change from left to right according to some rule. The number of the Answer Figure which should be placed in the question-marked space is the answer. All the five figures i.e. four Problem Figures and one Answer Figure placed in the question-marked space should be considered as forming the series.

Problem Figures

Answer Figures

71.  
72.  
73.  
74.  
75.  

QUANTITATIVE APTITUDE

Directions (76 - 80) : What will come in place of the question mark (?) in the following questions?

76. $(5 \times 7)\% \text{ of } (34 \times 55) + 456.60' = 699.1 + ?$
 (1) 412 (2) 422
 (3) 418 (4) 428
 (5) None of these

77. $14 \times 627 \div \sqrt{1089} = (?)^3 + 141$
 (1) $5\sqrt{5}$ (2) $(125)^3$
 (3) 25 (4) 5
 (5) None of these

78. $2\frac{1.5}{5} + 2\frac{1}{6} - 1\frac{3.5}{15}$
 $= \frac{(?)^{1/3}}{4} + 1\frac{7}{30}$
 (1) 2 (2) 8
 (3) 512 (4) 324
 (5) None of these

79. $(80 \times 0.40)^3 \div (40 \times 1.6)^3 \times (128)^3 = (2)^? + 7$
 (1) 25 (2) 11
 (3) 12 (4) 18
 (5) None of these

80. $(\sqrt{7} + 11)^2 = (?)^{1/3} + 2\sqrt{847} + 122$

- (1) $36 + 44\sqrt{7}$
 (2) 6 (3) 216
 (4) 36 (5) None of these

Directions (81 - 85) : What approximate value will come in place of the question mark (?) in the following questions? (You are not expected to calculate the exact value.)

81. 73.99 % of 1299 + 9.98% of 1899 = ?
 (1) 1250 (2) 1230
 (3) 1150 (4) 1180
 (5) 1200

82. $5891 \div 14.99 + 589.01 - 111.99 = ?$
 (1) 870 (2) 920
 (3) 840 (4) 810
 (5) 770

83. $(9.979)^3 - (23.99)^2 + (1.99)^5 = ?$
 (1) 350 (2) 490
 (3) 390 (4) 420
 (5) 450

84. $\left(\frac{18}{4}\right)^2 \times \frac{455}{19} \div \frac{61}{799} = ?$
 (1) 6320 (2) 6350
 (3) 6400 (4) 6430
 (5) 6490

85. $2439.97 - 1234.01 + 401.99 = ? + 989.99$
 (1) 620 (2) 650
 (3) 680 (4) 700
 (5) 600

Directions (86 - 90) : What will come in place of the question mark (?) in the following number series?

86. 28 39 63 102 158 (?)
 (1) 232 (2) 242
 (3) 233 (4) 244
 (5) None of these

87. 7 16 141 190 919 (?)
 (1) 1029 (2) 1019
 (3) 1020 (4) 1030
 (5) None of these

88. 12 17 32, 57 92 (?)
 (1) 198 (2) 195
 (3) 137 (4) 205
 (5) None of these

89. 19 25 45 87 159 (?)
 (1) 254 (2) 279
 (3) 284 (4) 269
 (5) None of these

90. 83 124 206 370 698 (?)
 (1) 1344 (2) 1324
 (3) 1364 (4) 1334
 (5) None of these

Directions (91 - 95) : In the following questions two equations numbered I and II are given. You have to solve both the equations and

Give answer (1) if $x > y$

Give answer (2) if $x > y$

Give answer (3) if $x < y$

Give answer (4) if $x < y$

Give answer (5) if $x = y$ or the relationship cannot be established

91. I. $\frac{25}{x^2} - \frac{12}{x} + \frac{9}{x^2} = \frac{4}{x^2}$

II. $9.84 - 2.64 = 0.95 + y^2$

92. I. $\sqrt{901}x + \sqrt{1295} = 0$

II. $(257)^{1/4}y + (217)^{1/3} = 0$

93. I. $\frac{(3)^5 + (7)^3}{3} = x^3$

II. $7y^3 = -(15 \times 2) + 17y^3$

94. I. $\{x^{1/4} + 16\}^2 = 144 + x^{3/2}$

II. $y^{1/3} \times y^{2/3} \times 3104 = 16 \times y^2$

95.

I. $3x^2 - 19x + 28 = 0$
II. $5y^2 - 18y + 16 = 0$
96.

The respective ratio between the present ages of son, mother, father and grandfather is 2:7:8:12. The average age of son and mother is 27 years. What will be mother's age after 7 years?
(1) 40 years (2) 41 years
(3) 48 years (4) 49 years
(5) None of these
97.

In an examination Raman scored 25 marks less than Rohit. Rohit scored 45 more marks than Sonia. Rohan scored 75 marks which is 10 more than Sonia. Ravi's score is 50 less than maximum marks of the test. What **approximate** percentage of marks did Ravi score in the examination if he gets 34 marks more than Raman?
(1) 90 (2) 70
(3) 80 (4) 60
(5) 85
98.

The largest and the smallest angles of a triangle are in the ratio of 3:1 respectively. The second largest angle of the triangle is equal to 44° . What is the value of 150 per cent of the largest angle of the triangle?
(1) 149 (2) 129
(3) 153 (4) 173
(5) None of these
99.

One of the angles of a quadrilateral is thrice the smaller angle of a parallelogram. The respective ratio between the adjacent angles of the parallelogram is 4:5. Remaining three angles of the quadrilateral are in ratio 4:11:9 respectively. What is the sum of the largest and the smallest angles of the quadrilateral?
(1) 255° (2) 260°
(3) 265° (4) 270°
(5) None of these
100.

An aeroplane flies with an average speed of 756 km/hr. A helicopter takes 48 hours to cover **twice** the distance covered by aeroplane in 9 hours. How much distance will the helicopter cover in 18 hours? (**assuming that flights are non-stop and moving with uniform speed**)
(1) 5014 km (2) 5140 km
(3) 5130 km (4) 5103 km
(5) None of these

101.

The circumference of a semicircle of area 1925 sq. cm is equal to the breadth of a rectangle. If the length of the rectangle is equal to the perimeter of a square of side 48 cm. What is the perimeter of the rectangle?
(1) 734 cm
(2) 754 cm
(3) 745 cm
(4) Cannot be determined
(5) None of these
102.

Meera purchased an item for ₹ 62,000 and sold it at loss of 25 percent. With that amount she purchased another item and sold it at a gain of 30 percent. What was her overall gain/loss ?
(1) Loss of ₹1560
(2) Profit of ₹ 1560
(3) Loss of ₹ 1550
(4) Profit of ₹ 1550
(5) None of these
103.

Sum of two numbers is equal to sum of square of 11 and cube of 9. Larger number is (5)th less than square of 25. What is the value of the sum of twice of 24 percent

- of the smaller number and half of the larger number?
(1) 415 (2) 400
(3) 410 (4) 425
(5) None of these
104.

The difference between the sum of four consecutive odd numbers and three consecutive even numbers together is 20. Also, the largest even number is 5 more than the largest odd number. What is the sum of the smallest odd number and the smallest even number ?
(1) 75 (2) 77
(3) 85
(4) Cannot be determined
(5) None of these
105.

The simple interest accrued on a sum of certain principal is (- 6500 in eight years at the rate of 13 per cent per year. What would be the compound interest accrued on that principal at the rate of 8 per cent per year in 2 years?
(1) ₹ 1040 (2) ₹ 1020
(3) ₹ 1060 (4) ₹ 1200
(5) None of these

Directions (106-110): Study the table carefully to answer the questions that follow:

Production of two types of items by four different companies in six different months								
Company	K		L		M		N	
Months	Type-1	Type-2	Type-1	Type-2	Type-1	Type-2	Type-1	Type-2
January	234	452	432	654	434	324	435	564
February	545	543	534	335	532	450	652	544
March	756	670	864	654	765	565	564	765
April	634	765	643	454	665	933	875	809
May	568	656	789	654	424	666	565	544
June	875	426	908	767	568	958	574	546

106.

In which month was the difference between number of items of type-1 produced by company - M and number of items of type-2 produced by company-N second lowest ?
(1) January
(2) February
(3) March (4) April
(5) May
107.

What was the average number of items of type-2 produced by all the companies together in the month of January ?
(1) 498.5 (2) 489.5

- (3) 469.5 (4) 496.5
(5) None of these
108.

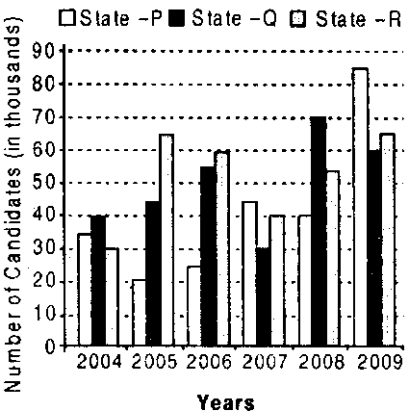
What was the respective ratio between the number of items of type-2 produced by Company-M in the month of May and the number of items of type-1 produced by Company-L in the month of March?
(1) $\frac{49}{109}$ (2) $\frac{31}{48}$
(3) $\frac{50}{109}$ (4) $\frac{43}{58}$
(5) None of these

109. Number of items of type-1 produced by company-N in the month April was **approximately** what percentage of number of items of type-2 produced by Company-M in the month of March?
- (1) 145 (2) 150
(3) 140 (4) 160'
(5) 154

110. What was the **approximate** per cent decrease in number of items of type-2 that Company-K produced in the month of June as compared to previous month?
- (1) 30 (2) 25
(3) 22 (4) 40
(5) 35

Directions (111-115) : Study the following graph carefully to answer the questions that follow :

Number of Candidates (in thousands) who qualified in an exam in three different states in six different years



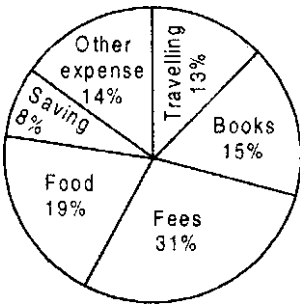
111. If 40 per cent of the candidates who qualified in the exam from state-P in the year 2009 were females then what was the sum of number of male candidates who qualified from State-P in the year 2009 and the number of candidates who qualified in the exam from state-R in the year 2007 ?
- (1) 91,000 (2) 9.1 lacs
(3) 93,000 (4) 9.3 lacs
(5) None of these
112. What was the respective ratio between the number of candidates who qualified in the exam from state-R in the year 2008 and the number of candidates who qualified in the exam from state-P in the year 2004 ?
- (1) 11:10 (2) 9:11
(3) 11:7 (4) 11:9
(5) None of these

113. Total number of candidates who qualified in the exam in the year 2004 and 2005 together from state- Q was **approximately** what percentage of total number of candidates who qualified in the exam from all the states together in the year 2007 ?
- (1) 61 (2) 65
(3) 79 (4) 69
(5) 74

114. What was difference between the total number of candidates who qualified in the exam from all the states together in the year 2006 and the total number of candidates who qualified in the exam from State-P over all the years together?
- (1) 1.2 lacs (2) 11,000
(3) 1.1 lacs (4) 12,000
(5) None of these
115. What was **approximate** percentage decrease in number of candidates who qualified in the exam from State-Q in year 2007 as compared to the previous year?
- (1) 45 (2) 55
(3) 50 (4) 60
(5) 30

Directions (116 - 120): Study the following Pie-chart carefully to answer these questions.

Monthly expenditure of a boy = ₹ 8500
Percentage of Monthly Expenditure



116. The boy deposits 75 percent of his savings in a bank. What amount is left with him after depositing money from his savings?

- (1) ₹ 220 (2) ₹ 160
(3) ₹ 210 (4) ₹ 170
(5) None of these

117. If 20 per cent of other expense' of the boy is on mobile phone, 70 percent on smoking and remaining on gambling, then what is the amount he spends on smoking and gambling together ?
- (1) ₹ 942 (2) ₹ 940
(3) ₹ 952 (4) ₹ 960
(5) None of these
118. What is the difference between the boy's total expenditure on books and food together and his expenditure on fees ?
- (1) ₹ 255 (2) ₹ 260
(3) ₹ 275 (4) ₹ 250
(5) None of these
119. What is the boy's average expense on travelling, books, fees and food together?
- (1) ₹ 1657.50
(2) ₹ 1675.50
(3) ₹ 1757.50
(4) ₹ 1775.50
(5) None of these

120. Expense of the boy on travelling is approximately what per cent of his expense on fees?
- (1) 48 (2) 50
(3) 42 (4) 55
(5) 35

Directions (121-125): Study the following table carefully to answer the questions that follow:

Number of Passengers (in hundreds) travelling in five trains on six different days

Train	A	B	C	D	E
Day					
Monday	4.55	4.38	4.64	7.73	7.68
Tuesday	3.54	6.34	6.90	5.82	5.59
Wednesday	7.65	2.79	7.23	5.64	6.28
Thursday	6.75	8.65	7.83	9.74	8.83
Friday	5.78	9.50	8.91	8.16	6.54
Saturday	3.48	5.39	9.84	9.92	10.9

121. What is the difference between the total number of passengers travelling in Train-C on Thursday and Saturday together and the number of passengers travelling in Train-E on Saturday?
- (1) 667 (2) 676
(3) 687 (4) 686
(5) None of these

122. What is the **approximate** per cent increase in the number of passengers travelling in Train-B on Tuesday as compared to the previous day?
(1) 49 (2) 52
(3) 59 (4) 53
(5) 45
123. In which train the number of passengers travelling consistently increases from Monday to Saturday?
(DA (2) B
(3) C (4) D
(5) E
124. If four-eleventh of the number of passengers in Train-C on Friday is travelling without ticket, then what is the number of passengers having tickets?
(1) 567 (2) 546
(3) 576 (4) 564
(5) None of these
125. Total number of passengers travelling in train C and E together on Thursday is **approximately** what per cent of the number of passengers travelling in train-D on Saturday?
(1) 151 (2) 155
(3) 168 (4) 174
(5) 162

**GENERAL AWARENESS
AND COMPUTERS**

126. The report of the Comptroller and Auditor General (CAG) on which of the following issues was presented in the Lok Sabha recently?
(1) BOFORS Deal
(2) Purchasing of Fighter planes
(3) 2G Spectrum Allocation
(4) Constitution of UIDAI and expenditure on its activities
(5) All of these
127. As per newspaper reports, USA and many other countries are supporting India's bid for a permanent seat in
(1) World Trade Organisation
(2) World Bank
(3) IMF
(4) UN Security Council
(5) None of these
128. The External Affairs Minister of India recently represented India in Russia, India and China trilateral

- meet. The meeting took place in
(1) New Delhi (2) Moscow
(3) Wuhan (4) Beijing
(5) Saint Petersburg
129. Which of the following is **not** an objective of the Jawaharlal Nehru National Urban Renewal Mission?
(1) Development of urban infrastructure
(2) inclusive growth of cities
(3) Provide safe drinking water to all
(4) Provide improved public transport
(5) Provide 100 days employment to all eligible persons
130. Which of the following is introduced by banks to increase financial inclusion?
(1) Stimulus package
(2) Internet Banking
(3) Business correspondent
(4) Corporate Banking
(5) None of these
131. Which of the following is a type of banking application which authorises a bank to block a specific sum of money in an individual's bank account to be invested in an Initial Public Offer (IPO) ?
(1) RTGS (2) ASBA
(3) Prefunded Cheques
(4) SCBS
(5) None of these
132. The Reserve Bank of India recently advised the Government of India to spend and loosen the strings of its purse. How will this benefit the banking and finance sector ?
(A) It will ease liquidity crisis in the market.
(B) It will help banks borrow less from the RBI.
(C) It will bring down inflation.
(1) Only (A) and (B)
(2) Only (B)
(3) Only (B) and (C)
(4) All (A), (B) and (C)
(5) None of these
133. The USA and South Korea signed a Free Trade Agreement recently. How will these agreements help the countries?
(A) This will enable USA to import as much goods as it wishes.

- (B) This would increase the US exports to South Korea.
(C) This will help both of them to maintain balance of payment in order.
(1) Only (A)
(2) Only (B)
(3) Only (A) and (C)
(4) Only (B) and (C)
(5) All (A), (B) and (C)
134. Who amongst the following Indian badminton players won 5 finals i.e. Chennai Open, Singapore Open, Indonesian Open, Commonwealth Games and Hong Kong Open in 2010 ?
(1) Saina Nehwal
(2) Chetan Anand
(3) Jwala Gutta
(4) Aparna Popat
(5) Anup Sridhar
135. Which of the following awards is given by UNESCO ?
(1) Kalinga Prize
(2) Oscar Award
(3) Man Booker Prize
(4) Pulitzer Prize
(5) None of these
136. Kiran Kumar Reddy has taken over as the new Chief Minister of
(1) Orissa (2) Karnataka
(3) Jharkhand (4) Maharashtra
(5) Andhra Pradesh
137. Which of the following schemes was NOT launched by the Government of India specifically to remove poverty in rural areas and improve the general living standard of the people in India?
(1) Bharat Nirman
(2) Panchsheel
(3) Pradhan Mantri Gram Sadak Yojana
(4) TRYSEM
(5) Antyodaya Anna Yojana
138. The rate of interest charged by RBI for lending money to various commercial banks by rediscounting of the bills in India is called
(1) Exchange Rate
(2) Statutory Liquidity Ratio
(3) Cash Reserve Ratio
(4) Bank Rate
(5) Interest Rate
139. Which of the following Diamond mining companies has recently got a permit to explore Diamond at Mahabubnagar in Andhra Pradesh ?

- (1) Alrosa
(2) Debswana
(3) National Diamond Mining Company
(4) De Beers
(5) Diamond Trading Company
- 140.** FIFA World Cup 2018 will be organised in which of the following countries?
(1) Russia (2) Germany
(3) Brazil **(4)** France
(5) Italy
- 141.** Which of the following agreements got signed by 193 countries recently in Cancun ?
(1) Climate Agreement
(2) World Trade Organisation Agreement on Farm Subsidy
(3) OPEC Agreement on Pricing Mechanism
(4) World Bank's Agreement on Bailout Packages
(5) None of these
- 142.** Excise Duty is levied on which of the following?
(1) Agro products
(2) Imported goods
(3) Manufacturing of goods
(4) Services provided by hotels and travel agents
(5) All of these
- 143.** The Five Year Plan 2007 to 2012 is
(1) Tenth Five Year Plan
(2) Eleventh Five Year Plan
(3) Twelfth Five Year Plan
(4) Ninth Five Year Plan
(5) There is no such plan period
- 144.** Karim Benzema, Ronaldo and Gonzalo Higuain are three names famous for their performance in the field of
(1) Cinema (2) Sports
(3) Literature **(4)** Journalism
(5) Politics
- 145.** US welcomes TAPI gas pipeline agreement was the news in some newspapers. Which of the following countries is **not** a partner in TAPI project?
(1) India (2) Turkey
(3) Afghanistan
(4) Pakistan
(5) All are not part of the project
- 146.** Which of the following countries is **NOT** a member of the G-20 ?
(1) South Korea
(2) Brazil (3) China
(4) USA (5) Iran
- 147.** Wen Jiabao was recently on a state visit to India, He is from which country ?
(1) Russia (2) South Korea
(3) Japan **(4)** China
(5) Vietnam
- 148.** Which of the following is/are **true** about the recent political developments in Iraq?
(A) Nuri-al-Malik has taken over as the new Prime Minister of the country.
(B) USA has decided to provide US\$ 60,000 crore as initial budget to restart the economic activities.
(C) UNO has registered a formal complaint against few countries who, invaded Iraq jointly few years back.
(1) Only (A) (2) Only (B)
(3) Only (A) and (B)
(4) All (A), (B) and (C)
(5) None of these
- 149.** Who amongst the following is not a Nobel Prize winning author ?
(1) Orhan Purnuk
(2) Doris Lessing
(3) Octavio Paz
(4) V. S. Naipaul
(5) Anita Desai
- 150.** Who amongst the following is a famous Badminton player and has represented India in many international events ?
(1) Sania Mirza
(2) Baichung Bhutia
(3) Aparna Papat
(4) Dhanraj Pillay
(5) Ishant Sharma
- 151.** When a computer runs a program, the _____ progresses through the program's sequence of instructions.
(1) AMD (2) ASCII
(3) CPU **(4)** transistor
(5) None of these
- 152.** The computer needs additional components called _____ to accomplish its input, output, and storage functions.
(1) mice (2) specifications
(3) architecture
(4) peripherals
(5) None of these
- 153.** Bytes combined to represent a named collection of instructions or data stored in the computer or digital device is a(n)
(1) digitalization
(2) kilobyte
(3) record
(4) file
(5) None of these
- 154.** _____ is a type of high-speed memory that a processor can access more rapidly than RAM.
(1) Cache memory
(2) Magnetic storage
(3) Read-only memory (ROM)
(4) Solid state storage
(5) None of these
- 155.** To contact people using the Internet, you most often use their
(1) domain names
(2) e-mail addresses
(3) usernames
(4) passwords
(5) None of these
- 156.** The trend of digital electronic devices becoming smaller and increasingly powerful has fully supported the move to an increasingly _____ workforce.
(1) desktop (2) intelligent
(3) server **(4)** mobile
(5) None of these
- 157.** _____ hard drives are permanently located inside the system unit and are not designed to be removed, unless they need to be repaired or replaced.
(1) Static (2) Internal
(3) External **(4)** Remove .
(5) None of these
- 158.** A barcode is a/an _____ code that represents data with bars of varying widths of heights.
(1) read/write (2) magnetic
(3) optical **(4)** laser
(5) None of these
- 159.** The Internet allows you to
(1) send electronic mail
(2) view Web pages
(3) connect to servers all around the world
(4) All of the above
(5) None of these
- 160.** The name that the User gives to a document is referred to as
(1) name given
(2) document given
(3) file name
(4) document identity
(5) none of these
- 161.** Editing a document consists of reading through the document you've created, then
(1) correcting your errors

- (2) printing it (3) saving it
 - ' (4) deleting it (5) None of these
- 162.** Which of the following controls the manner of interaction between the user and the operating system ?
- (1) User interface
 - (2) Language translator
 - (3) Platform
 - (4) Screen saver
 - (5) None of these
- 163.** What type of software is most useful for the creation of brochures, posters, and newsletters?
- (1) Spreadsheet software
 - (2) Web authoring software
 - (3) Multimedia authoring software
 - (4) Desktop publishing software
 - (5) None of these**
- 164.** The quickest and easiest way in Word, to locate a particular word or phrase in a document is to use the _____ command.
- (1) Replace (2) Find
 - (3) Lookup (4) Search
 - (5) None of these
- 165.** One or more defects or problems that prevent the software from working as intended or working at all is a(n)
- (1) bug (2) bot
 - (3) programming language
 - (4) fuzzy logic
 - (5) None of these**
- 166.** _____ shows the files, folders, and drives on your computer, making it easy to navigate from one location to another within the file hierarchy.
- (1) Microsoft Internet Explorer
 - (2) Windows Explorer
 - (3) My Computer
 - (4) Folders Manager
 - (5) None of these
- 167.** A(n) _____ provides commands for writing software that is translated to the detailed step-by-step instructions executed by the processor to achieve an objective or solve a problem.
- (1) programming language
 - (2) software patch
 - (3) presentation language
 - (4) AI language
 - (5) None of these
- 168.** A program written in a high level language is referred to as
- (1) source code
 - (2) object code
 - (3) machine code
 - (4) assembly code**
 - (5) none of these
- 169.** In order to save an existing document with a different name you need to
- (1) Retype the document and give it a different name
 - (2) Use the Save as command
 - (3) Copy and paste the original document to a new document and then save
 - (4) Use Windows Explorer to copy the document to a different location and then rename it**
 - (5) None of these
- 170.** The piece of hardware that converts your computer's digital signal to an analog signal that can travel over telephone lines is called a
- (1) red wire (2) blue cord
 - (3) tower **(4) modem**
 - (5) None of these
- 171.** _____ is the part of the computer that does the arithmetical calculations.
- (1) Memory (2) OS
 - (3) CPU **(4) ALU**
 - (5) None of these**
- 172.** A _____ can make it easier to play games.
- (1) mouse (2) Joystick
 - (3) keyboard **(4) pen**
 - (5) None of these
- 173.** File extensions are used in order to
- (1) name the file
 - (2) ensure the filename is not lost
 - (3) identify the file
 - (4) identify the file type**
 - (5) None of these**
- 174.** Passwords enable users to
- (1) get into the system quickly
 - (2) make efficient use of time
 - (3) retain confidentiality of files
 - (4) simplify file structures**
 - (5) None of these**
- 175.** In page preview mode
- (1) You can see all pages of your document
 - (2) You can only see the page you are currently working on
 - (3) You can only see pages that do not contain graphics
 - (4) You can only see the title page of your document**
 - (5) None of these