

Exam Name:

Clerical Recruitment

Conducted By:

Andhra Bank

Conducted in:

Dec 2007

Topic:

Part II (Numerical Ability)

Number of Questions:

50

Directions (51-75): What should come in place of question mark (?) in the following questions ?

51. $832.456 - 539.982 - 123.321 = ?$

(1) 196.153

(2) 149.153

(3) 169.153

(4) 176.135

(5) None of these

52. $? \times 19 = 7828$

(1) 411

(2) 412

(3) 413

(4) 414

(5) 415

53. $236.69 + 356.74 = 393.39 + ?$

(1) 200.04

(2) 201.04

(3) 200.14

(4) 202.14

(5) 203.04

54. $734 / ? = 91.75$

(1) 8

(2) 6

(3) 4

(4) 10

(5) None of these

55. $x (35 \times 15 \times 10) / (25 \times 2) = ?$

(1) 105

(2) 115

(3) 70

(4) 35

(5) None of these

56. $5938 + 4456 + 2891 = ?$

(1) 15255

(2) 14285

(3) 13285

(4) 12385

(5) None of these

57. $859.05 + 428.89 + 663.17 = ?$

(1) 1585.91

(2) 1286.94

(3) 1950.02

(4) 1950.11

(5) 1951.01

58. $434 \times 645 = ?$

(1) 27840

(2) 297930

(3) 279903

(4) 279930

(5) None of these

59. $7 \times ? = 29.05$

(1) 4.05

(2) 4.15

(3) 3.95

(4) 4.28

(5) None of these

60. $725 \div 25 - 13 = ?$

(1) 16

(2) 29

(3) 12

(4) 18

(5) None of these

61. $(558 \times 45) / (18 \times 45) = ?$

(1) 314

(2) 313

(3) 312

(4) 311

(5) None of these

62. $806 / 26 = ?$

(1) 30

(2) 32

(3) 34

(4) 36

(5) None of these

63. $559 + 995 = ? \times 16$

(1) 92.05

(2) 95.25

(3) 93.15

(4) 94.35

(5) None of these

64. $((337 + 146) \times 8) = ?$

(1) 3884

(2) 1515

(3) 3864

(4) 1505

(5) 3846

65. $7\frac{3}{4} + 5\frac{1}{4} + 8\frac{1}{2} = ?$

(1) $20\frac{1}{4}$

(2) $21\frac{1}{2}$

(3) $21\frac{3}{4}$

(4) $21\frac{3}{4}$

(5) $20\frac{3}{4}$

66. $4758 - 2782 - 1430 = ?$

(1) 356

(2) 396

(3) 486

(4) 546

(5) None of these

67. $9.1 \times 7.5 \times 6.2 = ?$

(1) 423.25

(2) 68.25

(3) 593.775

(4) 472.5

(5) None of these

68. $\sqrt{441} + \sqrt{676} = ?$

(1) 43

(2) 45

(3) 47

(4) 49

(5) 51

69. $49 + \sqrt{?} = 87$

(1) 1444

(2) 1442

(3) 1448

(4) 1456

(5) 1460

70. $\frac{(8)^2+164+4}{14} = ?$

(1) 25

(2) 64

(3) 8

(4) 7.5

(5) None of these

71. $248 \text{ of } \frac{7}{8} + 110 \text{ of } 20\% = ?$

(1) 192

(2) 202

(3) 212

(4) 239

(5) 242

72. $\frac{2}{5} + \frac{10}{13} + \frac{7}{13} = ?$

(1) $2\frac{23}{65}$

(2) $1\frac{46}{65}$

(3) $2\frac{10}{13}$

(4) $\frac{46}{65}$

(5) $1\frac{10}{13}$

73. $\sqrt{?} - 17 = 22$

(1) 1511

(2) 1531

(3) 1515

(4) 1553

(5) 1521

74. 484 of $\frac{3}{4}$ + 366 of $\frac{5}{6}$ = ?

(1) 663

(2) 844

(3) 668

(4) 848

(5) 666

75. 280% of 460 = ?

(1) 1188

(2) 1284

(3) 1288

(4) 1280

(5) None of these

76. Which of the following is equal to 30×246 ?

(1) $118 \times 13 + 209 \times 42$

(2) $174 \times 10 + 222 \times 19$

(3) $173 \times 12 + 221 \times 24$

(4) $169 \times 16 + 167 \times 50$

(5) None of these

77. The cost of 9 kgs. of sugar is Rs. 279. What is the cost of 153 kgs. of sugar?

(1) Rs. 3.377

(2) Rs. 4.473

(3) Rs. 4.377

(4) Rs. 4.743

(5) Rs. 4.347

78. A bus travels at the speed of 49 kmph. and reaches its destination in 7 hours. What is the distance covered by the bus?

(1) 343 km

(2) 283 km

(3) 353 km

(4) 245 km

(5) 340 km

79. $\frac{1}{4}$ th of $\frac{2}{5}$ th of a number is 82. What is the number?

(1) 410

(2) 820

(3) 420

(4) 220

(5) None of these

80. What is the least number to be added to 1500 to make it a perfect square?

(1) 20

(2) 21

(3) 22

(4) 23

(5) None of these

81. The sum of three consecutive integers is 39. Which of the following is the largest among the three?

(1) 12

(2) 15

(3) 13

(4) 16

(5) None of these

82. Find the average of the following set of scores:

118, 186, 138, 204, 175, 229

(1) 148

(2) 152

(3) 156

(4) 160

(5) 175

83. A banana costs Rs. 2.25 and an apple costs Rs. 3.00. What will be the total cost of 4 dozen of bananas and 3 dozen of apples?

(1) Rs. 216

(2) Rs. 108

(3) Rs. 189

(4) Rs. 225

(5) Rs. 162

84. How many pieces of 8.6 metres long cloth can be cut out of a length of 455.8 metres cloth?

(1) 43

(2) 48

(3) 55

(4) 53

(5) 62

85. The product of two successive numbers is 3192. What is the smallest number?

(1) 59

(2) 58

(3) 57

(4) 56

(5) None of these

86. What is 184 times 156?

(1) 28704

(2) 29704

(3) 30604

(4) 27604

(5) None of these

87. What approximate value should come in place of the question mark (?) in the following question?

$$5989 \div 48 \approx ?$$

(1) 1375

(2) 1370

(3) 1372

(4) 1368

(5) 1365

88. If an amount of Rs. 15,487 is divided equally among 76 students, approximately how much amount will each student get?

(1) Rs. 206

(2) Rs. 210

(3) Rs. 204

(4) Rs. 218

(5) Rs. 212

89. What should come in place of the question mark (?) in the following number series?

$$6417 \ 5704 \ 4991 \ 4278 \ 3565 \ 2852 \ ?$$

(1) 2408

(2) 2426

(3) 7310

(4) 7130

(5) 2139

90. Rinku and Pooja started a business initially with Rs. 5,100 and Rs. 6,600 respectively. If the total profit is Rs. 2,730 what is Rinku's share in the profit?

- (1) Rs. 1,530
- (2) Rs. 1,540
- (3) Rs. 1,200
- (4) Rs. 1,180
- (5) None of these

91. 25% of the total cost of a plot of area 280 sq. feet is Rs. 1,32,370. What is the rate per sq. ft. of the plot?

- (1) Rs. 2,091
- (2) Rs. 1,981
- (3) Rs. 1,991
- (4) Rs. 1,891
- (5) None of these

92. If the difference between a number and one fifth of it is 84, what is the number?

- (1) 95
- (2) 100
- (3) 105
- (4) 108
- (5) 112

93. The respective ratio of the ages of Richa and Shelly is 5: 8. The ratio of their ages 10 years hence would be 7: 10 respectively. What is the present age of Shelly?

- (1) 45 years
- (2) 40 years
- (3) 35 years
- (4) 30 years

(5) 25 years

94. A student scores 64% marks in 6 papers of 150 marks each. He scores 25% of his total obtained marks in Hindi and English together. How much is his total score for both these papers?

(1) 120

(2) 124

(3) 140

(4) 144

(5) 150

95. When the original price of toy was increased by 25%, the price of one dozen toys was Rs. 300. What was the original price of one toy?

(1) Rs. 24

(2) Rs. 29

(3) Rs. 30

(4) Rs. 15

(5) Rs. 20

96. If $3x + 5y = 44$ and $10x - 2y = 16$, what is the value of x ?

(1) 7

(2) 3

(3) 5.5

(4) 6.5

(5) None of these

97. 15 persons complete a job in 3 days. How many days will 10 persons take to complete the same job?

(1) 2

(2) 5

(3) $2\frac{2}{3}$

(4) $3\frac{1}{4}$

(5) $4\frac{1}{2}$

98. The owner of an electronics shop charges his customer 25% more than the cost price. If a customer paid Rs. 11,500 for a television set, then what was the cost price of the television set?

(1) Rs. 9,200

(2) Rs. 7,200

(3) Rs. 8,600

(4) Rs. 9,800

(5) Rs. 10,000

99. Sumit obtained a total of 1012 marks out of 1150 in an examination. What is his percentage in the examination?

(1) 86

(2) 88

(3) 84

(4) 90

(5) None of these

100. What should replace both the question marks in the following equation?

$$\frac{?}{84} = \frac{189}{?}$$

(1) 126

(2) 124

(3) 130

(4) 132

(5) 136

ANSWERS

51. (3), 52. (2), 53. (1), 54. (1), 55. (1), 56. (3), 57. (4), 58. (4), 59. (2), 60. (1)
61. (5), 62. (5), 63. (2), 64. (3), 65. (2), 66. (4), 67. (1), 68. (3), 69. (1), 70. (4)
71. (4), 72. (2), 73. (5), 74. (3), 75. (3), 76. (3), 77. (4), 78. (1), 79. (2), 80. (2)
81. (5), 82. (5), 83. (1), 84. (4), 85. (4), 86. (1), 87. (3), 88. (3), 89. (5), 90. (5)
91. (4), 92. (3), 93. (2), 94. (4), 95. (5), 96. (2), 97. (5), 98. (1), 99. (2), 100. (1)

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Topic:

Part I (Reasoning)

Number of Questions:

50

1. In a certain code ROPE is written as \$3%6 and RITE is written as \$4#6. How is PORT written in that code?

(1) %4\$#

(2) \$3%#

(3) \$64%

(4) %3\$#

(5) None of these

2. How many such pairs of letters are there in the word KNIGHT, each of which has as many letters between them in the word as they have in the English alphabet?

- (1) None
- (2) One
- (3) Two
- (4) Three
- (5) More than three

3. Pointing to a photograph Nikita said 'She is the only grand daughter of my grandmother's daughter'. How is the girl in photograph related to Nikita?

- (1) Sister
- (2) Niece/ daughter
- (3) Aunt
- (4) Cannot be determined
- (5) None of these

4. Four of the following five are alike in a certain way and so form a group. Which is the one that does not belong to the group?

- (1) Pineapple
- (2) Guava
- (3) Grapes
- (4) Papaya
- (5) Pear

5. If the word STABLE all the consonants are replaced by the previous letter and all the vowels are replaced by the next letter which letter will be third from the left end?

- (1) S
- (2) B

(3) A

(4) K

(5) None of these

6. In a certain code HOUSE is written as FTVPI, how is CHAIR written in that code?

(1) DIBJS

(2) SBJID

(3) SHBGD

(4) SJBID

(5) None of these

7. Four of the following five are alike in a certain way and so form a group. Which is the one that does not belong to the group?

(1) FH

(2) KM

(3) PR

(4) CE

(5) JM

8. If 'P Q' means 'P is wife of Q', 'P+Q' means 'P is father of Q' and 'P Q' means 'P is sister of Q' then in G H +R D, how is G related to D?

(1) Cannot be determined

(2) Mother

(3) Niece

(4) Aunt

(5) None of these

9. If the digits of the number 5726489 are arranged in ascending order, how many digits will remain at the same position?

(1) None

(2) One

(3) Two

(4) Three

(5) More than three

10. Four of the following five are alike in a certain way and so form a group. Which is the one that does not belong to the group?

(1) 17

(2) 19

(3) 23

(4) 29

(5) 27

11. How many meaningful words can be made from the letters AEHT, using each letter only once?

(1) None

(2) One

(3) Two

(4) Three

(5) More than three

12. If ' \leftrightarrow ' means 'x', '\$' means '+', '#' means '' and '©' means '-' then what is the value of

$360 \# 24\$ 56 \ll 5 \textcircled{c} 48?$

(1) 253

(2) 242

(3) 247

(4) 285

(5) None of these

13. If blue means pink, pink means green, green means yellow, yellow means red and red means white then what is the colour of turmeric?

(1) green

(2) yellow

(3) red

(4) pink

(5) None of these

14. If it is possible to make a meaningful word from the second, the third, the tenth and the eleventh letters of the word PASSIONATELY using each letter only once, second letter of that word is your answer. If no such word can be formed your answer is X and if more than one word can be formed your answer is Y.

(1) A

(2) E

(3) L

(4) X

(5) Y

15. In a row of children facing north Manish is fourth to the left of Suresh who is tenth from the left end. Nisha is second to the right of Suresh and eighth from the right end of the row. Total how many children are there in the row?

(1) 19

(2) 20

(3) 21

(4) 18

(5) None of these

Directions (16-20): In these questions symbols ©, #, «, \$ and @ are used with different meanings as follows:

'A © B' means 'A is smaller than B'

'A # B' means 'A is either smaller than or equal to B'

'A « B' means 'A is greater than B'

'A \$ B' means 'A is either greater than or equal to B'

'A @ B' means 'A is neither smaller than nor greater than B'

In each of the following questions assuming the given statements to be true, find out which of the two conclusions I and II given below them is/ are definitely true

Give answer (1) if only conclusion I is true.

Give answer (2) if only conclusion II is true.

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

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

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

16. Statements: V#S, S©L, L©J

Conclusions: I. V © L

II. S © J

17. Statements: M#R, R©J, J#H

Conclusions: I. M #H

II. R © H

18. Statements: H\$F, F@G, G«M

Conclusions: I. H «M

II. H «G

19. Statements: R©J, J «T,,T # L

Conclusions: I. R @ T

II. J @ 1

20. Statements: W@T, T\$K, K «F

Conclusions: I. W \$ K

II. W @ K

Directions (21-25): In each question below there are three statements followed by two conclusions numbered I and II. You have to take the three given statements to be true even if they seem to be at variance from commonly known facts and then decide which of the given conclusions logically follows from the three given statements disregarding commonly known facts. Then decide which of the answers (1), (2), (3), (4) and (5) is the correct answer and indicate it on the answer sheet.

Give answer (1) if only conclusion I is follows.

Give answer (2) if only conclusion II is follows

Give answer (3) if either conclusion I or II follows.

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

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

21. Statements:

Some pens are books.

All books are pencils.

All pencils are jars.

Conclusions:

I. All books are jars.

II. Some pens are pencils.

22. Statements:

Some bowls are spoons

Some spoons are forks

All forks are plates.

Conclusions:

I. Some bowls are forks.

II. Some spoons are plates.

23. Statements:

Some bottles are jars.

All jars are buckets.

All buckets are tanks.

Conclusions:

I. All jars are tanks.

II. Some buckets are tanks.

24. Statements:

Some phones are mobiles.

Some mobiles are computers.

Some computers are keys.

Conclusions:

I. Some phones are keys.

II. Some computes are phones.

25. Statements:

All papers are files.

Some files are folders.

All folders are bags.

Conclusions:

I. Some files are bags.

II. Some papers are folders.

Directions (26-30): Each of the questions below consists of a question and two statements numbered I and II are 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 II 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 in Statement I alone or in Statement II alone are sufficient to answer the question.

Give answer (4) if the data in both the Statement I and II are not sufficient to answer the question.

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

26. Lalita is in which direction with respect to Sangita?

I. Lalita is to the East of Prabha who is to the South of Sangita.

II. Vinita is to the North of Lalita who is to the East of Sangita.

27. What is the code for 'Play' in the code language?

I. In the code language 'play and dance' is written as 'ka to pe'

II. In the code language 'enjoy the dance' is written as 'pe jo ra'.

28. How many children are there in the class?

I. Vandana's rank in the class is five ranks below Nandini who is twenty fifth from the bottom.

II. Nandini's rank is seventeenth from the top.

29. Who is tallest among Neeta, Sudha, Radha, Maya and Geeta?

I. Radha is shorter than Neeta and Sudha but not shorter than Maya and Geeta.

II. Neeta is not the tallest.

30. How many sons does Ramesh have?

I. F is sister of H who is son of Ramesh.

II. R is brother of H.

Directions (31-35): These questions are based on the following letter / number/ symbol arrangement . Study it carefully and answer the questions that follow:

5 D G E « 7 9 \$ F 1 6 R % L I A J 3 B # 4 @ K P 8 U M 2

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

(1) \$9F

(2) R6%

(3) 8PU

(4) #B4

(5) 3BJ

32. If all the symbols are removed from the above arrangement which element will be third to the left of thirteenth from the left?

(1) L

(2) R

(3) 6

(4) I

(5) None of these

33. What will come in place of the question mark (?) in the following series based on the above arrangement?

EDH 9 « 7 I\$F ?

(1) 6RI

(2) %R6

(3) R16

(4) %6R

(5) None of these

34. Which element will be fifth to the right of ninth from the right end if all the numbers are removed from the above arrangement?

(1) K

(2) @

(3) P

(4) #

(5) None of these

35. How many such numbers are there in the above arrangement each of which is immediately followed by a consonant but not immediately preceded by a vowel?

(1) None

(2) One

(3) Two

(4) Three

(5) More than three

Directions (36-40): These questions are based on the basis of following information. Study it carefully and answer the questions.

Eight executives J, K, L, M, N, O, P, and Q are sitting around a circular table for a meeting. J is second to the right of P who is third to the right of K. M is second to the left of O who sits between P and J, L is not a neighbour of K or N.

36. Who is to the immediate left of L?

(1) Q

(2) O

(3) K

(4) N

(5) None of these

37. Who is to the immediate left of K?

(1) N

(2) J

(3) Q

(4) Cannot be determined

(5) None of these

38. Which of the following is the correct position of N?

(1) Second to the right of K

(2) To the immediate left of K

(3) To the immediate right of M

(4) To the immediate right of K

(5) None of these

39. Who is third to the right of P?

(1) L

(2) J

(3) Q

(4) N

(5) None of these

40. Which of the following groups of persons have the first person sitting between the other two?

(1) PJO

(2) OPJ

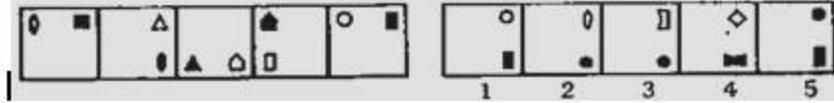
(3) OPM

(4) MPO

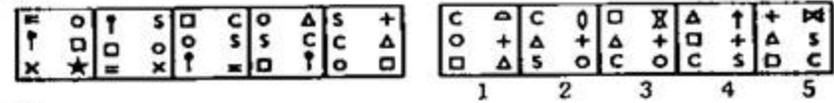
(5) None of these

Directions (41-50): In each of the questions given below which one of the five answer figures on the right should come after the problem figures on the left, if the sequence were continued?

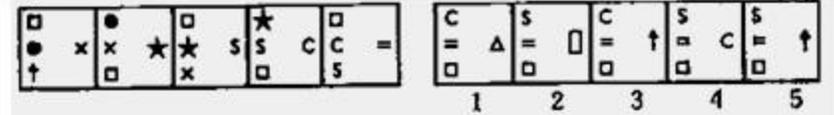
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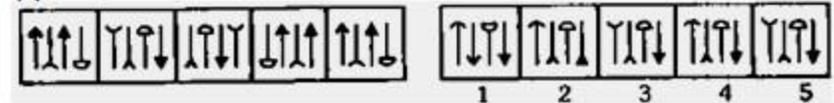
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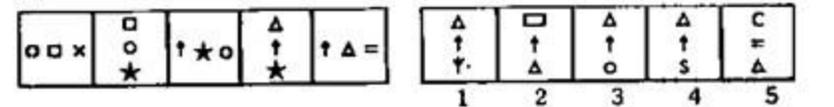
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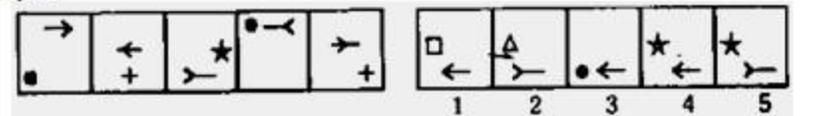
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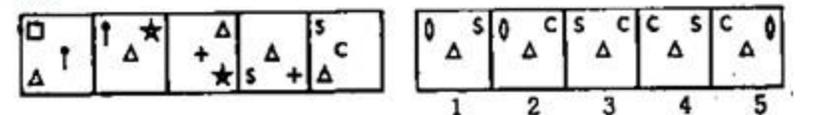
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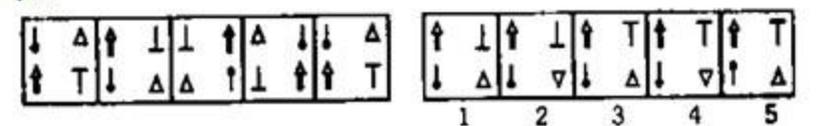
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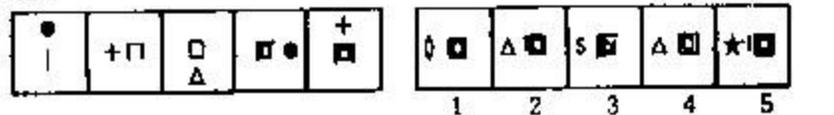
47.



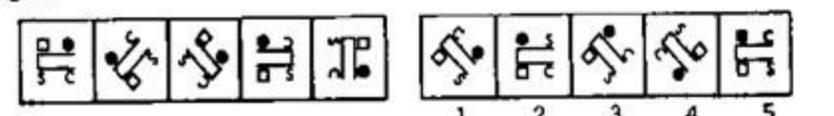
48.



49.



50.



ANSWERS

1. (4), 2. (3), 3. (2), 4. (3), 5. (2), 6. (4), 7. (5), 8. (2), 9. (4), 10. (5)
11. (3), 12. (3), 13. (3), 14. (5), 15. (1), 16. (5), 17. (2), 18. (1), 19. (4), 20. (1)
21. (5), 22. (2), 23. (5), 24. (4), 25. (1), 26. (3), 27. (4), 28. (5), 29. (5), 30. (5)
31. (5), 32. (2), 33. (4), 34. (1), 35. (2), 36. (5), 37. (3), 38. (4), 39. (1), 40. (2)
41. (3), 42. (4), 43. (1), 44. (5), 45. (1), 46. (4), 47. (5), 48. (1), 49. (2), 50. (3)

This is in series of the **past year Question Papers for SSC (Commercial Audit) Examination**. We have divided the Question Paper in four sections. In Part I we will cover **General Knowledge**. Please read this carefully.

Part I : General Awareness

1. Article 17 of the constitution of India provides for
(a) equality before law.
(b) equality of opportunity in matters of public employment.
(c) abolition of titles.
(d) abolition of untouchability
2. Article 370 of the constitution of India provides for
(a) temporary provisions for Jammu & Kashmir.
(b) special provisions in respect of Nagaland.
(c) special provisions in respect of Manipur.
(d) provisions in respect of financial emergency
3. How many permanent members are there in Security Council?
(a) Three
(b) Five
(c) Six
(d) Four
4. The United Kingdom is a classic example of a/an
(a) aristocracy
(b) absolute monarchy
(c) constitutional monarchy
(d) polity.
5. Social Contract Theory was advocated by
(a) Hobbes, Locke and Rousseau.
(b) Plato, Aristotle and Hegel.
(c) Mill, Bentham and Plato.
(d) Locke, Mill and Hegel.

6. The Speaker of the Lok Sabha is elected by the

- (a) President
- (b) Prime Minister.
- (c) Members of both Houses of the Parliament.
- (d) Members of the Lok Sabha.

7. Who is called the 'Father of History'?

- (a) Plutarch
- (b) Herodotus
- (c) Justin
- (d) Pliny

8. The Vedas are known as

- (a) Smriti.
- (b) Sruti.
- (c) Jnana.
- (d) Siksha.

9. The members of Estimate Committee are

- (a) elected from the Lok Sabha only.
- (b) elected from the Rajya Sabha only.
- (c) elected from both the Lok Sabha and the Rajya Sabha.
- (d) nominated by the Speaker of the Lok Sabha.

10. Who is the chief advisor to the Governor?

- (a) Chief Justice of the Supreme Court.
- (b) Chief Minister.
- (c) Speaker of the Lok Sabha.
- (d) President.

11. Foreign currency which has a tendency of quick migration is called

- (a) Scarce currency.
- (b) Soft currency.
- (c) Gold currency.
- (d) Hot currency.

12. Which of the following is a better measurement of Economic Development?

- (a) GDP
- (b) Disposable income
- (c) NNP
- (d) Per capita income

13. In India, disguised unemployment is generally observed in

- (a) the agriculture sector.
- (b) the factory sector.

- (c) the service sector.
- (d) All these sectors.

14. If the commodities manufactured in Surat are sold in Mumbai or Delhi then it is

- (a) Territorial trade.
- (b) Internal trade.
- (c) International trade.
- (d) Free trade.

15. The famous slogan "GARIBI HATAO" (Remove Poverty) was launched during the

- (a) First Five-Year Plan (1951-56)
- (b) Third Five-Year Plan (1961-66)
- (c) Fourth Five-Year Plan (1969-74)
- (d) Fifth Five-Year Plan (1974-79)

16. Bank Rate refers to the interest rate at which

- (a) Commercial banks receive deposits from the public.
- (b) Central bank gives loans to Commercial banks.
- (c) Government loans are floated.
- (d) Commercial banks grant loans to their customers.

17. All the goods which are scarce and limited in supply are called

- (a) Luxury goods.
- (b) Expensive goods.
- (c) Capital goods.
- (d) Economic goods.

18. The theory of monopolistic competition is developed by

- (a) E.H.Chamberlin
- (b) P.A.Samuelson
- (c) J.Robinson
- (d) A.Marshall

19. Smoke is formed due to

- (a) solid dispersed in gas.
- (b) solid dispersed in liquid.
- (c) gas dispersed in solid.
- (d) gas dispersed in gas.

20. Which of the following chemical is used in photography?

- (a) Aluminum hydroxide
- (b) Silver bromide
- (c) Potassium nitrate
- (d) Sodium chloride.

21. Gobar gas (Biogas) mainly contains

- (a) Methane.
- (b) Ethane and butane.
- (c) propane and butane.
- (d) methane, ethane, propane and propylene.

22. Preparation of 'Dalda or Vanaspati' ghee from vegetable oil utilises the following process

- (a) Hydrolysis
- (b) Oxidation
- (c) Hydrogenation
- (d) Ozonolysis

23. Which colour is the complementary colour of yellow?

- (a) Blue
- (b) Green
- (c) Orange
- (d) Red

24. During washing of cloths, we use indigo due to its

- (a) better cleaning action.
- (b) proper pigmental composition.
- (c) high glorious nature.
- (d) very low cost.

25. Of the following Indian satellites, which one is intended for long distance telecommunication and for transmitting TV programmes?

- (a) INSAT-A
- (b) Aryabhata
- (c) Bhaskara
- (d) Rohini

26. What is the full form of 'AM' regarding radio broadcasting?

- (a) Amplitude Movement
- (b) Anywhere Movement
- (c) Amplitude Matching
- (d) Amplitude Modulation.

27. Who is the author of Gandhi's favorite Bhajan Vaishnava jana to tene kahiye?

- (a) Purandar Das
- (b) Shyamal Bhatt
- (c) Narsi Mehta
- (d) Sant Gyaneshwar

28. Which one of the following is not a mosquito borne disease?

- (a) Dengu fever
- (b) Filariasis

- (c) Sleeping sickness
- (d) Malaria

29. What is the principal ore of aluminium?

- (a) Dolomite
- (b) Copper
- (c) Lignite
- (d) Bauxite

30. Which country is the facilitator for peace talks between the LTTE and the Sri Lankan Government?

- (a) The US
- (b) Norway
- (c) India
- (d) The UK

31. The highest body which approves the Five-Year Plan in India is the

- (a) Planning Commission
- (b) National Development Council
- (c) The Union Cabinet
- (d) Finance Ministry

32. Ceteris Paribus is Latin for

- (a) " all other things variable "
- (b) "other things increasing"
- (c) "other things being equal"
- (d) "all other things decreasing"

33. Who has been conferred the Dada Saheb Phalke Award (Ratna) for the year 2007?

- (a) Dev Anand
- (b) Rekha
- (c) Dilip Kumar
- (d) Shabana Azmi

34. Purchasing Power Parity theory is related with

- (a) Interest Rate.
- (b) Bank Rate.
- (c) Wage Rate.
- (d) Exchange Rate.

35. India's biggest enterprise today is

- (a) the Indian Railways.
- (b) the Indian Commercial Banking System.
- (c) the India Power Sector.
- (d) the India Telecommunication System.

36. The official agency responsible for estimating National Income in India is
- (a) Indian Statistical Institute.
 - (b) Reserve Bank of India.
 - (c) Central Statistical Organisation.
 - (d) National Council for Applied Economics and Research.
37. Which of the following has the sole right of issuing currency (except one rupee coins and notes) in India?
- (a) The Governor of India
 - (b) The Planning Commission
 - (c) The State Bank of India
 - (d) The Reserve Bank of India
38. In the budget figures of the Government of India the difference between total expenditure and total receipt is called.
- (a) Fiscal deficit
 - (b) Budget deficit
 - (c) Revenue deficit
 - (d) Current deficit
39. Excise duty on a commodity is payable with reference to its
- (a) production.
 - (b) production and sale.
 - (c) Production and transportation.
 - (d) Production, transportation and sale.
40. In the US, the President is elected by
- (a) The Senate.
 - (b) Universal Adult Franchise.
 - (c) The House of Representatives.
 - (d) The Congress.
41. Fascism believes in
- (a) Peaceful change
 - (b) Force
 - (c) Tolerance
 - (d) Basic Rights for the individual
42. Which is the most essential function of an entrepreneur?
- (a) Supervision
 - (b) Management
 - (c) Marketing
 - (d) Risk bearing
43. Knowledge, technical skill, education 'etc.' in economics, are regarded as
- (a) social-overhead capital.

- (b) human capital.
- (c) tangible physical capital.
- (d) working capital.

44. What is the range of Agni III, the long-range ballistic missile, test-fired by India recently?

- (a) 2,250 km
- (b) 3,500 km
- (c) 5,000 km
- (d) 1,000 km

45. Nathu Laa, a place where India-China border trade has been resumed after 44 years, is located on the Indian border in

- (a) Sikkim.
- (b) Arunachal Pradesh.
- (c) Himachal Pradesh
- (d) Jammu and Kashmir.

46. M. Damodaran is the

- (a) Chairman, Unit Trust of India.
- (b) Deputy Governor of Reserve Bank of India.
- (c) Chairman, Securities and Exchange Board of India.
- (d) Chairman, Life Insurance Corporation of India.

47. What is the name of the Light Combat Aircraft developed by India indigenously?

- (a) BrahMos
- (b) Chetak
- (c) Astra
- (d) Tejas

48. Who is the Prime Minister of Great Britain?

- (a) Tony Blair
- (b) Jack Straw
- (c) Robin Cook
- (d) Gordon Brown.

49. The 2010 World Cup Football Tournament will be held in

- (a) France.
- (b) China.
- (c) Germany.
- (d) South Africa.

50. Who is the present Chief Election Commissioner of India?

- (a) Navin Chawla
- (b) N.Gopalswamy
- (c) T.S.krishnamoorthy
- (d) B.B.Tandon

51. The title of the book recently written by Jaswant Singh, former Minister of External Affairs, is

- (a) A Call of Honour - In the Service of Emergent India
- (b) Whither Secular India?
- (c) Ayodhya and Aftermath
- (d) Shining India and BJP.

52. What was the original name of "Nurjahan"?

- (a) Jabunnisa
- (b) Fatima Begum
- (c) Mehrunnisa
- (d) Jahanara

53. Which of the following pairs is not correctly matched ?

- (a) Lord Dalhousie- Doctrine of Lapse
- (b) Lord Minto- Indian Councils Act, 1909
- (c) Lord Wellesley- Subsidiary Alliance
- (d) Lord Curzon- Vernacular Press Act, 1878

54. The province of Bengal was partitioned into two parts in 1905 by

- (a) Lord Lytton.
- (b) Lord Ripon.
- (c) Lord Dufferin.
- (d) Lord Curzon.

55. The essential features of the Indus Valley Civilization was

- (a) worship of forces of nature.
- (b) organized city life.
- (c) pastoral farming.
- (d) caste society.

56. Name the capital of Pallavas.

- (a) Kanchi.
- (b) Vattapi.
- (c) Trichnapalli.
- (d) Mahabalipuram.

57. The Home Rule League was started by

- (a) M.K. Gandhi
- (b) B.G. Tilak
- (c) Ranade
- (d) K.T. Telang

58. The Simon Commission was boycotted by the Indians because

- (a) it sought to curtail civil liberties.
- (b) it proposed to partition India.

- (c) it was an all-white commission Indian representation.
- (d) it proposed measures for nationalism.

59. Storm of gases are visible in the chamber of the Sun during

- (a) Cyclones
- (b) Anti-cyclones
- (c) Lunar-eclipse
- (d) Solar eclipse.

60. The Indian Councils Act of 1909 is associated with

- (a) The Montagu Declaration.
- (b) The Montagu- Chelmsford Reforms.
- (c) The Morley-Minto Reforms.
- (d) The Rowlatt Act.

61. The age of tree can be determined more or less accurately by

- (a) counting the number of branches.
- (b) measuring the height ,of the tree.
- (c) measuring the diameter of the trunk.
- (d) counting the number of rings in the trunk.

62. Of all micro-organisms, the most adaptable and versatile are

- (a) Viruses
- (b) Bacteria
- (c) Algae d) Fungi

63. What is an endoscope?

- (a) It is an optical instrument used to see inside the alimentary canal
- (b) it is device which is fitted on the chest of the patient to regularize the irregular heart beats
- (c) It is an instrument used for examining ear disorders
- (d) It is an instrument for recording electrical signals produced by the human muscles.

64. The disease in which the sugar level increase is known as

- (a) Diabetes mellitus
- (b) Diabetes insipidus
- (c) Diabetes imperfectus
- (d) Diabetes sugarensis

65. The President of India is elected by

- (a) members of both Houses of the Parliament.
- (b) members of both houses of Parliament of State Legislatures.
- (c) members of both Houses of the State Legislative Assemblies.
- (d) Elected members of both Houses of the Parliament and members of Legislative Assemblies.

66. The nitrogen present in the atmosphere is

- (a) of no use to plants.

- (b) injurious of plants.
- (c) directly utilized by plants.
- (d) utilized through micro-organisms.

67. Diamond and Graphite are

- (a) allotropes
- (b) isomorphous
- (c) isomers
- (d) isobars

68. Kayak is kind of

- (a) tribal tool.
- (b) boat.
- (c) ship.
- (d) weapon.

69. Which of the following has the highest calorific value?

- (a) Carbohydrates
- (b) fats
- (c) Proteins
- (d) Vitamins.

70. Rotation of crops means

- (a) growing of different crops in succession to maintain soil fertility.
- (b) some crops are growing again and again.
- (c) two or more crops are grown simultaneously to increase productivity.
- (d) None of these.

71. Suez Canal connects

- (a) Pacific Ocean and Atlantic Ocean.
- (b) Mediterranean Sea and Red Sea.
- (c) Lake Huron and Lake Erie.
- (d) Lake Erie and Lake Ontario.

72. Which of the following ports has the largest hinterland?

- (a) Kandla
- (b) Kochi
- (c) Mumbai
- (d) Vishkhapatnam.

73. "Slash and Burn agriculture" is the name given to

- (a) method of potato cultivation.
- (b) process of deforestation.
- (c) mixed farming.
- (d) shifting cultivation.

74. The main reason for deforestation in Asia is

- (a) excessive fuel wood collection.
- (b) excessive soil erosion.
- (c) floods.
- (d) construction of roads.

75. Recharging of water table depends on

- (a) amount of rainfall.
- (b) relief of the area.
- (c) vegetation of the area.
- (d) amount of percolation.

Answers Part - I

1. (d)	2. (a)	3. (b)	4. (c)	5. (a)
6. (d)	7. (b)	8. (b)	9. (a)	10. (b)
11. (d)	12. (a)	13. (a)	14. (b)	15. (c)
16. (b)	17. (d)	18. (a)	19. (a)	20. (b)
21. (a)	22. (b)	23. (b)	24. (a)	25. (a)
26. (d)	27. (c)	28. (d)	29. (d)	30. (a)
31. (c)	32. (c)	33. (c)	34. (a)	35. (c)
36. (d)	37. (d)	38. (a)	39. (a)	40. (b)
41. (d)	42. (a)	43. (b)	44. (a)	45. (c)
46. (c)	47. (d)	48. (d)	49. (b)	50. (a)
51. (c)	52. (d)	53. (d)	54. (b)	55. (a)
56. (b)	57. (c)	58. (d)	59. (c)	60. (d)
61. (a)	62. (a)	63. (a)	64. (a)	65. (d)
66. (a)	67. (b)	68. (b)	69. (a)	70. (a)
71. (b)	72. (d)	73. (a)	74. (d)	75. (a)

Thank you for your suggestion in improving and correcting the sample paper.

Almost exams like Bank PO, Clerical, CDS, NDA, B. Ed., ETT comprise of questions from Reasoning (also known as Mental Ability or Aptitude). Here we provide a set of fifty **Solved Sample Questions**. The first forty Questions are from **verbal reasoning** and last ten from **non-verbal reasoning**.

1. In a certain code ROPE is written as \$3%6 and RITE is written as \$4#6. How is PORT written in that code?

(1) %4\$#

(2) \$3%#

(3) \$64%

(4) %3\$#

(5) None of these

2. How many such pairs of letters are there in the word KNIGHT, each of which has as many letters between them in the word as they have in the English alphabet?

(1) None

(2) One

(3) Two

(4) Three

(5) More than three

3. Pointing to a photograph Nikita said 'She is the only grand daughter of my grandmother's daughter'. How is the girl in photograph related to Nikita?

(1) Sister

(2) Niece/ daughter

(3) Aunt

(4) Cannot be determined

(5) None of these

4. Four of the following five are alike in a certain way and so form a group. Which is the one that does not belong to the group?

(1) Pineapple

(2) Guava

(3) Grapes

(4) Papaya

(5) Pear

5. If the word STABLE all the consonants are replaced by the previous letter and all the vowels are replaced by the next letter which letter will be third from the left end?

(1) S

(2) B

(3) A

(4) K

(5) None of these

6. In a certain code HOUSE is written as FTVPI, how is CHAIR written in that code?

(1) DIBJS

(2) SBJID

(3) SHBGD

(4) SJBID

(5) None of these

7. Four of the following five are alike in a certain way and so form a group. Which is the one that does not belong to the group?

(1) FH

(2) KM

(3) PR

(4) CE

(5) JM

8. If 'P Q' means 'P is wife of Q', 'P+Q' means 'P is father of Q' and 'P Q' means 'P is sister of Q' then in G H +R D, how is G related to D?

(1) Cannot be determined

(2) Mother

(3) Niece

(4) Aunt

(5) None of these

9. If the digits of the number 5726489 are arranged in ascending order, how many digits will remain at the same position?

(1) None

(2) One

(3) Two

(4) Three

(5) More than three

10. Four of the following five are alike in a certain way and so form a group. Which is the one that does not belong to the group?

(1) 17

(2) 19

(3) 23

(4) 29

(5) 27

11. How many meaningful words can be made from the letters AEHT, using each letter only once?

(1) None

(2) One

(3) Two

(4) Three

(5) More than three

12. If ' \leftrightarrow ' means 'x', '\$' means '+', '#' means '-' and '©' means '-' then what is the value of

360 # 24\$ 56« 5© 48?

- (1) 253
- (2) 242
- (3) 247
- (4) 285
- (5) None of these

13. If blue means pink, pink means green, green means yellow, yellow means red and red means white then what is the colour of turmeric?

- (1) green
- (2) yellow
- (3) red
- (4) pink
- (5) None of these

14. If it is possible to make a meaningful word from the second, the third, the tenth and the eleventh letters of the word PASSIONATELY using each letter only once, second letter of that word is your answer. If no such word can be formed your answer is X and if more than one word can be formed your answer is Y.

- (1) A
- (2) E
- (3) L
- (4) X
- (5) Y

15. In a row of children facing north Manish is fourth to the left of Suresh who is tenth from the left end. Nisha is second to the right of Suresh and eighth from the right end of the row. Total how many children are there in the row?

- (1) 19

(2) 20

(3) 21

(4) 18

(5) None of these

Directions (16-20): In these questions symbols ©, #, «, \$ and @ are used with different meanings as follows:

'A © B' means 'A is smaller than B'

'A # B' means 'A is either smaller than or equal to B'

'A « B' means 'A is greater than B'

'A \$ B' means 'A is either greater than or equal to B'

'A @ B' means 'A is neither smaller than nor greater than B'

In each of the following questions assuming the given statements to be true, find out which of the two conclusions I and II given below them is/ are definitely true

Give answer (1) if only conclusion I is true.

Give answer (2) if only conclusion II is true.

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

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

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

16. Statements: V#S, S©L, L©J

Conclusions: I. V © L

II. S © J

17. Statements: M#R, R©J, J#H

Conclusions: I. M #H

II. R © H

18. Statements: H\$F, F@G, G«M

Conclusions: I. H «M

II. H «G

19. Statements: R©J, J «T,,T # L

Conclusions: I. R @ T

II. J @ 1

20. Statements: W@T, T\$K, K «F

Conclusions: I. W \$ K

II. W @ K

Directions (21-25): In each question below there are three statements followed by two conclusions numbered I and II. You have to take the three given statements to be true even if they seem to be at variance from commonly known facts and then decide which of the given conclusions logically follows from the three given statements disregarding commonly known facts. Then decide which of the answers (1), (2), (3), (4) and (5) is the correct answer and indicate it on the answer sheet.

Give answer (1) if only conclusion I is follows.

Give answer (2) if only conclusion II is follows

Give answer (3) if either conclusion I or II follows.

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

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

21. Statements:

Some pens are books.

All books are pencils.

All pencils are jars.

Conclusions:

I. All books are jars.

II. Some pens are pencils.

22. Statements:

Some bowls are spoons

Some spoons are forks

All forks are plates.

Conclusions:

I. Some bowls are forks.

II. Some spoons are plates.

23. Statements:

Some bottles are jars.

All jars are buckets.

All buckets are tanks.

Conclusions:

I. All jars are tanks.

II. Some buckets are tanks.

24. Statements:

Some phones are mobiles.

Some mobiles are computers.

Some computers are keys.

Conclusions:

I. Some phones are keys.

II. Some computers are phones.

25. Statements:

All papers are files.

Some files are folders.

All folders are bags.

Conclusions:

I. Some files are bags.

II. Some papers are folders.

Directions (26-30): Each of the questions below consists of a question and two statements numbered I and II are 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 II 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 in Statement I alone or in Statement II alone are sufficient to answer the question.

Give answer (4) if the data in both the Statement I and II are not sufficient to answer the question.

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

26. Lalita is in which direction with respect to Sangita?

I. Lalita is to the East of Prabha who is to the South of Sangita.

II. Vinita is to the North of Lalita who is to the East of Sangita.

27. What is the code for 'Play' in the code language?

I. In the code language 'play and dance' is written as 'ka to pe'

II. In the code language 'enjoy the dance' is written as 'pe jo ra'.

28. How many children are there in the class?

I. Vandana's rank in the class is five ranks below Nandini who is twenty fifth from the bottom.

II. Nandini's rank is seventeenth from the top.

29. Who is tallest among Neeta, Sudha, Radha, Maya and Geeta?

I. Radha is shorter than Neeta and Sudha but not shorter than Maya and Geeta.

II. Neeta is not the tallest.

30. How many sons does Ramesh have?

I. F is sister of H who is son of Ramesh.

II. R is brother of H.

Directions (31-35): These questions are based on the following letter / number/ symbol arrangement . Study it carefully and answer the questions that follow:

5 D G E « 7 9 \$ F 1 6 R % L I A J 3 B # 4 @ K P 8 U M 2

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

(1) \$9F

(2) R6%

(3) 8PU

(4) #B4

(5) 3BJ

32. If all the symbols are removed from the above arrangement which element will be third to the left of thirteenth from the left?

(1) L

(2) R

(3) 6

(4) I

(5) None of these

33. What will come in place of the question mark (?) in the following series based on the above arrangement?

EDH 9 « 7 I\$F ?

- (1) 6RI
- (2) %R6
- (3) R16
- (4) %6R
- (5) None of these

34. Which element will be fifth to the right of ninth from the right end if all the numbers are removed from the above arrangement?

- (1) K
- (2) @
- (3) P
- (4) #
- (5) None of these

35. How many such numbers are there in the above arrangement each of which is immediately followed by a consonant but not immediately preceded by a vowel?

- (1) None
- (2) One
- (3) Two
- (4) Three
- (5) More than three

Directions (36-40): These questions are based on the basis of following information. Study it carefully and answer the questions.

Eight executives J, K, L, M, N, O, P, and Q are sitting around a circular table for a meeting. J is second to the right of P who is third to the right of K. M is second to the left of O who sits between P and J, L is not a neighbour of K or N.

36. Who is to the immediate left of L?

- (1) Q
- (2) O
- (3) K
- (4) N
- (5) None of these

37. Who is to the immediate left of K?

- (1) N
- (2) J
- (3) Q
- (4) Cannot be determined
- (5) None of these

38. Which of the following is the correct position of N?

- (1) Second to the right of K
- (2) To the immediate left of K
- (3) To the immediate right of M
- (4) To the immediate right of K
- (5) None of these

39. Who is third to the right of P?

- (1) L
- (2) J

(3) Q

(4) N

(5) None of these

40. Which of the following groups of persons have the first person sitting between the other two?

(1) PJO

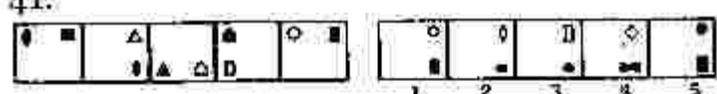
(2) OPJ

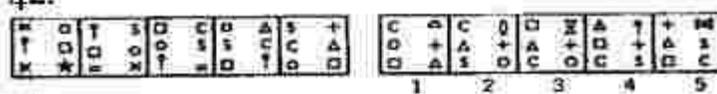
(3) OPM

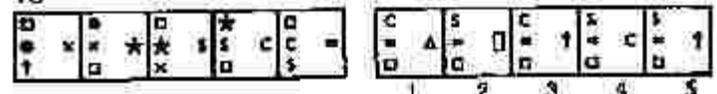
(4) MPO

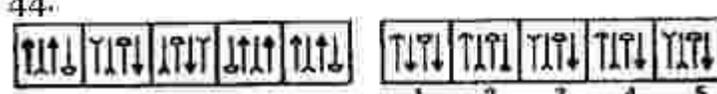
(5) None of these

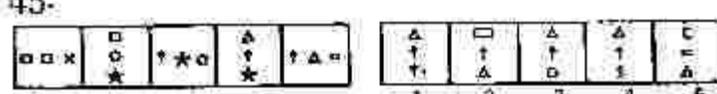
Directions (41-50): In each of the questions given below which one of the five answer figures on the right should come after the problem figures on the left, if the sequence were continued?

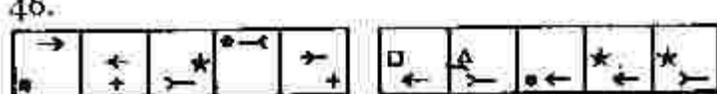
41. 

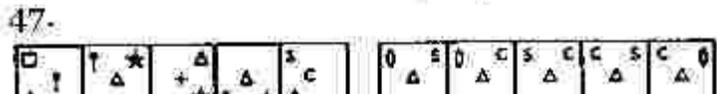
42. 

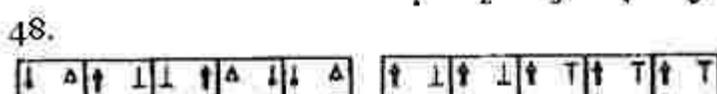
43. 

44. 

45. 

46. 

47. 

48. 

49. 

50. 

Answers for Reasoning (Mental Aptitude) Solved Sample Question Paper:

1. (4), 2. (3), 3. (2), 4. (3), 5. (2), 6. (4), 7. (5), 8. (2), 9. (4), 10. (5), 11. (3), 12. (3), 13. (3), 14. (5), 15. (1), 16. (5), 17. (2), 18. (1), 19. (4), 20. (1), 21. (5), 22. (2), 23. (5), 24. (4), 25. (1), 26. (3), 27. (4), 28. (5), 29. (5), 30. (5), 31. (5), 32. (2), 33. (4), 34. (1), 35. (2), 36. (5), 37. (3), 38. (4), 39. (1), 40. (2), 41. (3), 42. (4), 43. (1), 44. (5), 45. (1), 46. (4), 47. (5), 48. (1), 49. (2), 50. (3)

Sample Paper for **SSC Section Officer Exam** was a great hit. Second in the series is the Sample Paper for Maths (Arithmetic). This is as [SSC Tax Assistant Syllabus and Pattern](#)

1. The LCM of $\frac{2}{9}$, $\frac{4}{15}$ & $\frac{1}{30}$ is how many times the HCF of $\frac{7}{15}$, $\frac{21}{40}$ & $\frac{14}{15}$?
 1. $\frac{160}{7}$
 2. $\frac{7}{160}$
 3. $\frac{120}{7}$
 4. $\frac{90}{7}$
2. $0.0874 + 1.236 - 0.0012 + ? = 1.489$
 1. 0.1568
 2. 0.1578
 3. -0.1668
 4. 0.1658
3. 30% of 300 - 40% of 400 + 50% of 500 = ?
 1. 1800
 2. 180
 3. 18
 4. 18000
4. If $243 \times 162 = 39366$, then $3936.600 \div 0.243 = ?$
 1. 1620
 2. 16200
 3. 162
 4. 162000
5. $114.01 + 222.01 + ? = 400$
 1. 63.98
 2. 43.78
 3. 736.02
 4. -53.98
6. The difference between the circumference and the radius of a circle is 37 cm (use $p = \frac{22}{7}$). The diameter of the circle is
 1. 7 cm
 2. 14 cm
 3. 33 cm
 4. 37 cm
7. The LCM of two multiples of 12 is 1056. If one of the numbers is 132, the other number should be
 1. 12
 2. 72
 3. 96
 4. Data inadequate
8. The average of seven results is 5; the average of first three is 3, and that of the last three is 7. The fourth result is
 1. 6
 2. 5

3. 4

4. 3

9. A man walking at the speed of 4 kmph crosses a square field diagonally in 3 minutes. The area of the field is

1. 20000 sq m

2. 25000 sq m

3. 18000 sq m

4. 19000 sq m

10. The area of a rectangular field is 144 sq m. If the length is increased by 5 m, its area increases by 40 sq m. The length of the field is

1. 12 m

2. 14.4 m

3. 16 m

4. 18 m

11. A, B and C are partners and make a profit of Rs. 4800 which is distributed among them in the ratio 6:5:4. The difference of the amounts A and C received is

1. Rs. 640

2. Rs. 1290

3. Rs. 1280

4. Rs. 1600

12. A, B, & C enter into a partnership with investments in the ratio 3:4:9. If at the end of the year, B's share of profit is Rs. 6175, what is the total profit?

1. Rs. 24300

2. Rs. 24600

3. Rs. 24700

4. Rs. 24100

13. X and Y enter into a partnership. X contributes Rs. 8000 and Y contributes Rs. 10000. At the end of six months they introduce Z, who contributes Rs. 6000. After the lapse of three years, they find that the firm has made a profit of Rs. 9660. Find the share of each.(in Rs.)

1. X-3240, Y-4200, Z-2200

2. X-3360, Y-4400, Z-2100

3. X-3360, Y-4200, Z-2100

4. 3260, Y-4000, Z-2200

14. Umedh Singh and Zorawar Singh invested in a business. They earned some profit which they divided in the ratio 2:3. If Umedh Singh invested Rs. 24, the amount invested by Zorawar Singh was

1. Rs. 36

2. Rs. 16

3. Rs. 30

4. Rs. 48

15. Abdul and Aamir invest respectively Rs. 30000 and Rs. 40000 in a business. Abdul receives Rs. 100 per month out of the profit for running the business and the rest of the profit is divided in proportion to the investments. If in a year Abdul totally receives Rs. 3900, what does Aamir receive?

1. Rs. 3500 2. Rs. 3600

3. Rs. 3900

4. Rs. 4200

16. 7 women and 6 men can do what 4 men and 11 women can do in the same time. 19 women can do the same job in how much time?

1. Same
2. Half
3. One-third
4. Two-third

17. If A can walk a certain distance in 40 days when he takes rest 9 hours each day; how much long will he take to walk the same distance twice as fast and rest twice as long each day?

1. 50 days
2. 45 days
3. 38 days
4. 16 days

18. If 20 men or 25 women or 30 boys can do a piece of work in 16 days by working 10 hours a day, then how many men with 10 women and 18 boys can do $3\frac{1}{4}$ times the same work in 26 days by working 8 hours daily?

1. 35 men
2. 30 men
3. 40 men
4. 48 men

19. Some persons can do a job in 12 days. Two times the number of those persons will do half of that job in

1. 6 days
2. 4 days
3. 12 days
4. 3 days

20. 400 men working 9 hrs a day complete $\frac{1}{4}$ th of the work in 10 days. The number of additional men, working 8 hrs a day, required to done the remaining work in 20 days is

1. 675
2. 275
3. 250
4. 225

21. 25% of 240 will be how much more than 33.33% of 180?

1. 5
2. 10
3. 6
4. Nil

22. 350% of a number is what percent of 250% of that number?

1. 40%
2. 44%
3. 140%
4. 71%

23. If the length of a rectangle is increased by 20% and the width decreased by 20%, the area of the rectangle will

1. Decrease by 4%
2. Increase by 4%

- 3. Decrease by 1%
- 4. Not change at all

24. A shopkeeper increases the price of a commodity by 25% and again increases it by 20%. The net percent increase is

- 1. 45%
- 2. 40%
- 3. 50%
- 4. 47%

25. The cost of a pant is 60% of the cost of a coat and 300% of the cost of a shirt. If all three cost Rs. 2160, the cost of the shirt will be

- 1. Rs. 290
- 2. Rs. 280
- 3. Rs. 360
- 4. Rs. 240

26. If sold for Rs. 247.50, an object gives a profit of 12.5%. The cost price is

- 1. Rs. 210
- 2. Rs. 220
- 3. Rs. 224
- 4. Rs. 225

27. A fruit seller purchases oranges at the rate of 3 for Rs. 5 and sells them at 2 for Rs. 4. His profit in the transaction is

- 1. 20%
- 2. 25%
- 3. 15%
- 4. 10%

28. A merchant sold his goods for Rs. 75 at a profit percent equal to the cost price. His cost price is

- 1. Rs. 50
- 2. Rs. 60
- 3. Rs. 80
- 4. Rs. 100

29. A man buys an article at $\frac{3}{4}$ th of its value and sells it for 20% more than its value. His profit based on the cost is

- 1. 45%
- 2. 50%
- 3. 60%
- 4. 75%

30. The LCM of numbers 12, 18, & 24 is how much more than their HCF?

- 1. 66
- 2. 69
- 3. 70
- 4. 72

31. Find the minimum number of square tiles of equal size for the floor of a room which is 1 m 4 dm 7 cm long and 1 m 8 dm 2 cm wide.

- 1. 250
- 2. 266

3. 140

4. 145

32. The average of first five prime numbers is

1. 5.40

2. 5.70

3. 5.60

4. 5.80

33. The average weight of 8 men is increased by 1.5 kg when one of them who weighs 65 kg is replaced by a new man. The weight of the new man is

1. 76 kg

2. 76.5 kg

3. 76.7 kg

4. 77 kg

34. A man distributed Rs. 100 equally among his friends. If there had been five more friends, each would have received one rupee less. How many friends did he have?

1. 20

2. 30

3. 40

4. 50

35. In an exam, the average was found to be 50 marks. After detecting computer errors, the marks of 100 candidates had to be changed from 90 to 60 each and the average came down to 45. The total number of candidates who took the exam was

1. 600

2. 700

3. 500

4. 400

Answers

1. 15221 **6.** 23214 **11.** 13312 **16.** 11242 **21.** 43134 **26.** 21131 **31.** 53411