

SSC MULTI-TASKING (NON-TECHNICAL) STAFF EXAM

Held on : 16.02.2014

Test Form No. : 010KG2

PART-I

GENERAL INTELLIGENCE AND REASONING

Directions (1 - 4) : In each of the following questions, select the related word/ letter/number from the given alternatives.

1. 09 : 81 :: 04 : ?

- (1) 16 (2) 25
(3) 36 (4) 49

2. Teacher : Student :: Lawyer : ?

- (1) Customer (2) Consumer
(3) Client (4) Claimant

3. Mango : Fruit :: Jasmin : ?

- (1) Trees
(2) Fragrance
(3) Flower
(4) Rose

4. ABC : RQP :: CBA : ?

- (1) QRP (2) PRQ
(3) PQR (4) RPQ

Directions (5 - 7) : In each of the following questions, select the one which is different from other three alternatives.

5. (1) ADGJ (2) MPSV
(3) EHJN (4) LORU

6. (1) December (2) January
(3) February (4) March

7. (1) 18 - 26 (2) 30 - 37
(3) 54 - 62 (4) 77 - 85

8. Which one of the given responses would be a meaningful order of the following in ascending order?

- (A) Brahmaputra
(B) Atlantic
(C) Chilka
(D) Bay of Bengal
(1) (A), (D), (C), (B)
(2) (B), (D), (C), (A)
(3) (C), (A), (D), (B)
(4) (C), (D), (B), (A)

Directions (9-10): In each of the following questions, a series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.

9. BC, GH, LM, ?,

- (1) PQ (2) RS
(3) QR (4) OP

10. 4, 8, 16, 32, ?, 128

- (1) 64 (2) 46
(3) 112 (4) 120

11. Two statements are given followed by two Conclusions I and II. You have to consider the statements to be true, even if it seems to be at variance from commonly known facts. You are to decide which of the given conclusion can definitely be drawn from the given statement. Indicate your answer.

Statements :

- All pens are pencils.
No pencil is an eraser.

Conclusions :

- I. No eraser is a pen.
II. No pen is an eraser.
(1) Only conclusion I follows
(2) Only conclusion II follows
(3) Both conclusions I and II follow
(4) Neither conclusion I nor conclusion II follows

12. Tina drives 45 kms towards East, turns right and drives 65 kms, then turns left and drives 33 kms. In which direction is she facing now?

- (1) East (2) North
(3) West (4) South

13. Select the correct combination of mathematical signs to replace signs and to balance the following equation:

$21 * 7 * 6 * 9$

- (1) $+ \div =$ (2) $\div + =$
(3) $= + \div$ (4) $\div = +$

14. From the given alternatives select the word which cannot be formed using the letters of the given word.

"TERRORISM"

- (1) MIRROR (2) ERROR
(3) MORE (4) ROAR

15. Some equations are solved on the basis of a certain system. Find the correct answer for the unsolved equation on that basis.

$5 + 7 + 2 = 725$, $6 + 9 + 0 = 906$, $8 + 4 + 3 = ?$

- (1) 815 (2) 384
(3) 438 (4) 834

16. Maya said, "My mother is the sister of Ranjeet's brother". What is Ranjeet's relation with Maya?

- (1) Cousin
(2) Maternal uncle
(3) Uncle
(4) Brother-in-Law

17. Five girls are sitting in a row. Sudha is sitting next to Padma but not next to Tapti. Krishna is sitting next to Rama who is sitting on the extreme left. Tapti is sitting on the extreme right. No body is sitting between Padma and Krishna. Who is sitting in the middle?

- (1) Krishna (2) Padma
(3) Sudha (4) Tapti

18. Select the missing number from the given responses:

7 14 19

6 12 17

5 10 ?

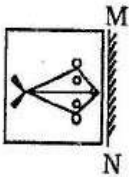
- (1) 20 (2) 18
(3) 15 (4) 16

19. In a certain code DELIBERATION is written as NOITAREBILED how would INFIRMITY be written ?

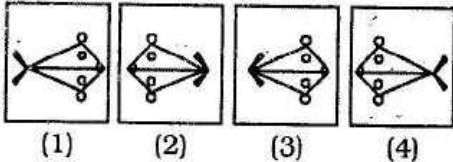
- (1) ADONAEMI
- (2) REBILEDNA
- (3) YTIMRIFNI
- (4) YTRMIFNI

20. If a mirror is placed on the line MN, then which of the answer figures is the right image of the given figure ?

Question Figure

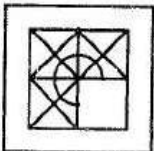


Answer Figures

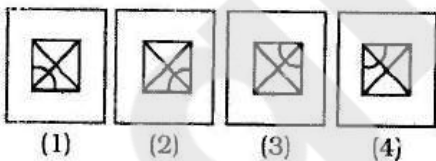


21. Which answer figure will complete the pattern in the question figure ?

Question Figure



Answer Figures



22. A word is represented by only one set of numbers as given in any one of the alternatives. The sets of numbers given in the alternatives are represented by two classes of the alphabets as in two matrices given below. The columns and rows of Matrix I are numbered from 1 to 5 and that of Matrix II are numbered from 6 to 10. A letter from these matrices can be

represented first by its row and next by its column, e.g., 'L' can be represented by 14, 33, 42 etc., and 'M' can be represented by 66, 79, 98 etc. Similarly, you have to identify the set for the word given below:

PINK

Matrix-I

	1	2	3	4
1	I	J	K	L
2	L	K	J	I
3	J	I	L	K
4	K	L	I	J
5	K	I	L	J

Matrix-II

	6	7	8	9
6	M	N	O	P
7	P	O	N	M
8	N	M	P	O
9	O	P	M	N
10	P	M	O	N

- (1) 99, 11, 69, 22
- (2) 69, 99, 11, 34
- (3) 69, 11, 99, 41
- (4) 69, 78, 51, 43

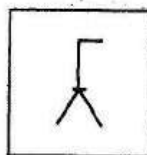
23. Identify the diagram that best represents the relationship among classes given below :

Parents, Mothers, Fathers

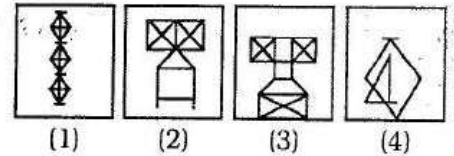
- (1)
- (2)
- (3)
- (4)

24. From the given answer figures, select the one in which the question figure is hidden/embedded ?

Question Figure

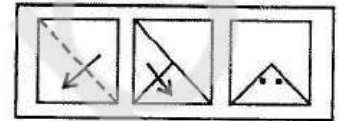


Answer Figures

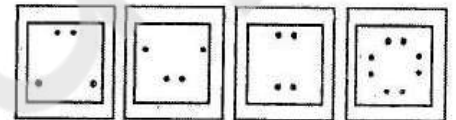


25. A piece of paper is folded and cut as shown below in the question figures. From the given answer figures, indicate how it will appear when opened ?

Question Figures



Answer Figures



PART-II

NUMERICAL APTITUDE

26. In a stock clearance sale, a shoe company announces 20% discount. If the discounted price is ₹ 800, the original price is :

- (1) ₹ 900
- (2) ₹ 100
- (3) ₹ 4000
- (4) ₹ 1000

27. Rekha purchased a scooter for ₹ 20,000 and sold it for ₹ 22,000. The percentage of profit is :

- (1) 10 %
- (2) 20 %
- (3) 15 %
- (4) 12 %

28. Raghubir after travelling 84 km, found that if he travelled at 5 km an hour more, he would have taken 5 hours less. He actually travelled at a rate of :

- (1) 5 km/hour
- (2) 6 km/hour
- (3) 7 km/hour
- (4) 10 km/hour

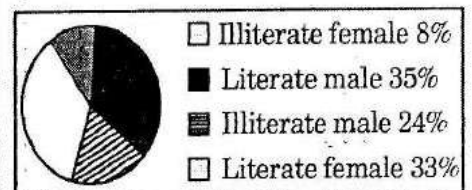
29. The cost price of a refrigerator is ₹ 28,000. The shopkeeper offers a discount of 20% on it and loses 10%. The marked price of the refrigerator is :

- (1) ₹ 25,200 (2) ₹ 27,000
(3) ₹ 28,000 (4) ₹ 31,500
30. A number of three digits when divided by 2, 5, 9 and 11 leaves remainder 1 in each case. The number is
(1) 991 (2) 997
(3) 981 (4) 983
31. The fourth proportional of the numbers 12, 16 and 18 is
(1) 20 (2) 24
(3) 28 (4) 30
32. The average of 11 results is 60 marks. If the average of first six results is 59 marks and that of the last six is 62 marks, then the sixth result contains :
(1) 60 marks (2) 61 marks
(3) 65 marks (4) 66 marks
33. Hundred apples were bought for ₹ 300. Out of these four were rotten and the rest were sold at ₹ 50 per dozen. Then the net profit is :
(1) ₹ 50 (2) ₹ 125
(3) ₹ 150 (4) ₹ 100
34. A can do a piece of work in 10 days and B can do the same piece of work in 20 days. They start the work together, but after 5 days A leaves. B will do the remaining piece of work in:
(1) 6 days
(2) 8 days
(3) 5 days
(4) 10 days
35. If the compound interest on a certain sum for 2 years at 4% is ₹ 102. what would be the simple interest at the same rate for two years ?
(1) 100 (2) 98
(3) 75 (4) 100.50
36. The cost price of 50 cups is equal to the sale price of 40 cups. The percentage of profit in the transaction is :
(1) 15 % (2) 20 %
(3) 25 % (4) 30 %

37. A shopkeeper purchases 10 pieces of certain items for ₹ 8.00 and sells them at 8 pieces for ₹ 10.00. The profit percentage of the shopkeeper is:
(1) 25.50 % (2) 26.25 %
(3) 56.50 % (4) 56.25 %
38. The ratio of land and water in the whole world is 1: 2. If this ratio in the northern hemisphere be 2 : 3; then the ratio of land and water in the southern hemisphere is:
(1) 3 : 4 (2) 4 : 3
(3) 4 : 7 (4) 4 : 11
39. A sum was put at simple interest at a certain rate for 4 years. Had it been put at 3% higher rate it would have fetched ₹ 1440 more. Find the sum.
(1) ₹ 10,000 (2) ₹ 12,000
(3) ₹ 14,400 (4) ₹ 11,000
40. The average wage of workers in a factory is ₹ 6,000. There are 12 officers having an average wage of ₹ 14,000, while the average wage of the remaining persons is ₹ 5,600, the number of the workers in that factory is :
(1) 240 (2) 230
(3) 242 (4) 252
41. The base of right prism is an equilateral triangle with a side of 7 m, and its height is 24m. Find its volume.
(1) 529 m³ (2) 519 m³
(3) 509 m³ (4) 1018 m³
42. A and B undertake to do a piece of work for ₹ 720. A alone can do it in 8 days and B alone can do it in 12 days. With the help of C they finish it in 4 days. Then the share of C in Rupees is :
(1) 360 (2) 240
(3) 120 (4) 300
43. Evaluate :

$$\sqrt{129 + \sqrt{216 + \sqrt{68 + \sqrt{169}}}}$$

- (1) 9 (2) 12
(3) 13 (4) 15
44. The side of a square increases by 10%, then find, by what percent, does its area increase ?
(1) 19 (2) 21
(3) 27 (4) 30
45. An article listed at ₹ 26,580 is sold at a discount of 10%. Due to festival season the shopkeeper allows a further discount of 5%. Find the selling price of the article.
(1) ₹ 22,725.90
(2) ₹ 23,922.00
(3) ₹ 22,750.00
(4) Rs. 22,725.00
46. A mixture of 20 kg. of spirit and water contains 10% water. After adding a certain amount of water, the weight of the new mixture is 25 kg. What is the percentage of water in the new mixture ?
(1) 12.5% (2) 15%
(3) 18% (4) 28%
47. To raise the height of a low land 48 m long and 31.5 m broad to 6.5 dm, a ditch 27 m long and 18.2 m broad was dug in a side plot, the depth of the ditch will be:
(1) 1m (2) 2m
(3) 5m (4) 7m
48. If a man covers $10\frac{1}{5}$ km in 3 hrs., the distance covered by him in 5 hrs. is :
(1) 18 km (2) 17 km
(3) 16 km (4) 15 km
49. The following pie-chart shows the percentage of literate and illiterate males and females in a city having a population 2,50,000.

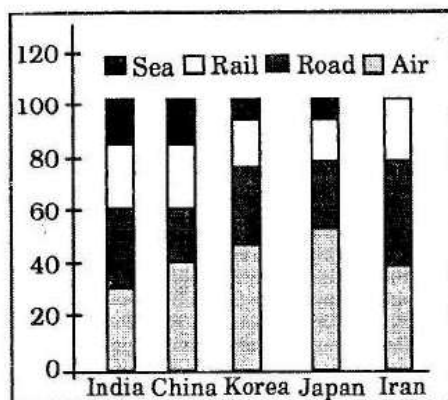


What is the difference between the number of literate males and literate females ?

- (1) 75,000 (2) 1,500
(3) 5,000 (4) 500

Directions : Percentage share of goods transported through Air, Road, Rail and Sea in five countries: India, China, Korea, Japan, Iran.

Given the total weight of goods transported in the 5 countries in a year are. 1086, 3140, 1855, 2360 and 1465 thousand tonnes respectively.



50. Which country transported the maximum quantity of goods by road ?

- (1) China
(2) Korea
(3) Iran
(4) Japan

PART-III ENGLISH

Directions (51-60) : In the following questions, some parts of the sentences have errors and some are correct. Find out which part of a sentence has an error. The number of that part is the answer. If a sentence is free from error, your answer is (4) i.e. No error.

51. Although we reached his house in time (1)/ he was left (2)/ for the airport. (3)/ No error. (4)
52. The two last (1)/ chapters of the book (1)/ are very interesting. (3)/ No error. (4)
53. I have seen (1)/ that film last year (2)/ but I do not remember its story. (3)/ No error. (4)
54. Mahatma Gandhi remained (1)/ a man of principles (2)/ all through his life. (3)/ No error. (4)
55. Rustam and (1)/ myself saw (2)/ the picture. (3)/ No error. (4)
56. A lot of money (1)/ were spent (2)/ on the common wealth games. (3)/ No error. (4)
57. You will come (1)/ to my party tomorrow (2)/ isn't it. (3)/ No error. (4)
58. The old man was (1)/ overwhelmed for joy at (2)/ the success of his only son. (3)/ No error. (4)
59. The hockey match (1)/ between India and Pakistan (2)/ was much exciting. (3)/ No error. (4)
60. His composition (1)/ is inferior (2)/ than mine. (3)/ No error. (4)

Directions (61-70) : In the following questions, sentences are given with blanks to be filled in with an appropriate word(s). Four alternatives are suggested for each question. Choose the correct alternative out of the four as your answer.

61. Though this blanket is not made of wool, it has a _____ texture.
(1) wool (2) woollen
(3) woolly (4) woolish
62. None of the guests ate much at the party because the food looked _____.
(1) unapproachable
(2) unauthorized
(3) unceremonious
(4) unappetizing
63. Trust _____ god and do the right.
(1) in (2) with
(3) at (4) by
64. The accused was _____ as the counsel could not produce a witness.
(1) let out (2) let off
(3) let on (4) let aside
65. _____ thousand species of butterflies have been identified.
(1) As many as (2) As many
(3) As much as (4) Much as
66. He _____ his mistake.
(1) understood (2) solved
(3) finished (4) realised
67. You will not be allowed to enter _____ you have an entry pass.
(1) if (2) unless
(3) when (4) but
68. It has been years since I last _____ him.
(1) had met (2) met
(3) meet (4) have met
69. These murals are typical _____ Tamil Nadu.
(1) for (2) on
(3) with (4) of
70. The flight will land _____ six this evening.
(1) in (2) on
(3) at (4) upon

Directions (71-73) : In the following questions, out of the four alternatives, choose the one which best expresses the meaning of the given word.