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SSC COMBINED MATRIC LEVEL(Pre) Exam
General Intelligence Solved Question
Paper – 2006(Second Shift)

Directions (1-9) : Select the related letters/word/number/figure from the given alternatives.

1. Editor : Magazine

- (1) Movie : Scene
(2) Music : Actor
(3) Drama : Director
(4) Drawing : Artist

2. Hinduism, Christianity, Islam : Religion

- (1) Ear, Nose, Eyesight : Vision
(2) Plus, Minus, Multiple : Division
(3) Winter, Spring, Summer : Seasons
(4) Humid, Hot, Tundra : Region

3. WOLF : FLOW :: WARD :

- (1) BROW (2) DRAW
(3) CRAW (4) SLAW

4. GRAIN : TIZRM :: BRAIN :

- (1) XRIKL (2) YIZRM
(3) OPRST (4) ASQMI

5. CUT : BDTVSU :: TIP :

- (1) UVHJQ (2) SUHJQ
(3) USJHQ (4) SUJHQ

6. 19 : 59 :: 17 :

- (1) 51 (2) 53
(3) 55 (4) 57

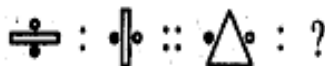
7. 14 : 20 :: 16 :

- (1) 23 (2) 48
(3) 10 (4) 32

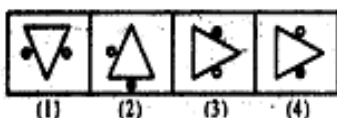
8. 100 : 10² :: 100000 :

- (1) 10⁵ (2) 10⁴
(3) 100³ (4) 100⁴

9. Question Figures :



Answer Figures



Directions (10-15) : Select the one which is different from the other three responses.

10. (1) Mile (2) Centimetre
(3) Litre (4) Yard

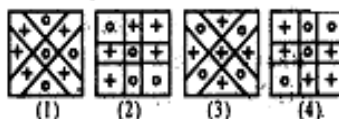
11. (1) High-up
(2) Past-Present
(3) Often-Seldom
(4) Fresh-Stale

12. (1) 11-127 (2) 9-85
(3) 7-53 (4) 5-29

13. (1) 26 Z (2) 24 X
(3) 22 V (4) 20 S

14. (1) 8, 64, 512
(2) 36, 6, 206
(3) 48, 4, 202
(4) 9, 27, 263

15.



16. A series of figures is given which can be grouped into classes. Select the group into which the figures can be classified from the given responses :



- (1) 1, 5, 7; 2, 4, 9; 3, 6, 8
(2) 1, 5, 7; 2, 8, 9; 3, 4, 6
(3) 1, 7, 8; 2, 4, 9; 3, 5, 6
(4) 1, 4, 6; 5, 8, 9; 2, 3, 7

17. Arrange the following words in a logical order :

- (a) Leaf (b) Stem
(c) Root (d) Flower
(1) d c a b (2) a b c d
(3) c b a d (4) b a d c

Directions (18-22) : Find the missing term of the series from the given responses.

18. BAT, EAT, HAT, ?

- (1) CAT (2) FAT
(3) RAT (4) KAT

19. 5, 11, 17, 25, 33, 43, ?

- (1) 53 (2) 56
(3) 49 (4) 51

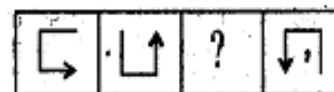
20. Question Figures



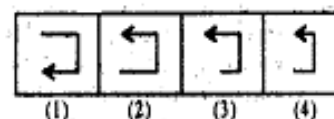
Answer Figures



21. Questions Figures



Answer Figures



22. AC, FH, ?M

- (1) I (2) J
(3) K (4) L

23. If the first four letters of the word 'INCONSISTENT' are written in reverse order followed by next four written in reverse order and so on, which letter is the 9th in the written order?

- (1) T (2) N
(3) S (4) I

24. Which one set of letters when sequentially placed at the gaps in the given letter series shall complete it?

aac - bba - cc - baa - cb -

- (1) bacbc (2) abaac
(3) cabcb (4) bcacb

25. The number of letters skipped in between adjacent letters in the series decreases by one each time. Which of the following series observes the rule?

- (1) CGKOS (2) DHLPT
(3) EJNQS (4) BFJNR

26. The number of letters skipped in between adjacent letters in the series is increased by one each time. Which of the following series observes the rule?

- (1) ADHMS (2) HKOSV
(3) GJNSX (4) FLQUX

27.



In the given figure, the set of alphabets in the middle of all base lines is

- (1) EMU (2) AEMU
(3) AEMUY (4) KLMNO

28. If '+' stands for division, 'x' stands for addition, '-' stands for multiplication and '-' stands for subtraction; then which of the following equations is correct?

- (1) $36 - 6 + 3 \times 5 + 3 = 74$
(2) $36 \times 6 + 7 + 2 - 6 = 20$
(3) $36 + 6 - 3 \times 5 + 3 = 24$
(4) $36 + 6 + 3 \times 5 - 3 = 45$

29. The symbols for addition (+), subtraction (-), multiplication (x) and division (÷) will have to be inserted in the blank squares in order to get the correct answer, as shown in the equation :

$$20 \square 5 \square 8 \square 2 \square 17 = 3$$

Find out which set below is correct.

- (1) - + x (2) - x ÷
(3) x - + (4) + + x -

30. Let J = 1, K = 2, L = 5, M = 7, N = 11, O = 13, P = 17. Find the letter to be inserted in the relation given :

$$O \times \square + P = 43$$

- (1) L (2) M
(3) N (4) K

Directions (31-33) : Some questions are solved on the basis of a certain system. On the same basis, find out the correct answer from amongst the four alternatives for the unsolved equation in each question.

31. If $9 - 8 = 63$, $8 - 7 = 48$,
 $7 - 9 = 56$, then $6 - 5 = ?$

- (1) 11 (2) 30
(3) 1 (4) 24

32. If $P(2, 3, 5) = 5323$

$$P(1, 4, 3) = 3414$$

$$P(2, 1, 2) = 2121$$

then $P(2, 0, 1) = ?$

- (1) 1002 (2) 1220
(3) 1020 (4) 1200

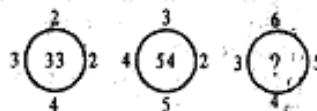
33. If $81 \times 32 \times 56 = 1159$

$$36 \times 23 \times 11 = 259$$

then $42 \times 18 \times 63 = ?$

- (1) 699 (2) 996
(3) 549 (4) 659

34. Insert the missing number :



- (1) 94 (2) 86
(3) 82 (4) 78

35. Find the missing number in the matrix :

3	10	?
6	-2	6
2	3	1
121	225	100

- (1) 9 (2) 3
(3) 10 (4) 5

Directions (36-37) : One/Two Statement(s) is/are given followed by two Conclusions, I and II. You have to consider the statement(s) to be true, even if it/they seem(s) to be at variance from commonly known facts. You are to decide which of the given conclusions can

definitely be drawn from the given statement(s). Indicate your answer.

36. Statement : The best evidence of India's glorious past is the growing popularity of Ayurvedic medicines in the West.

Conclusions : (I) Ayurvedic medicines are not popular in India.

(II) Allopathic medicines are not popular in India

- (1) Only conclusion I follows
(2) Only Conclusion II follows
(3) Both Conclusions I and II follow
(4) Neither Conclusion I nor II follows

37. Statement : (a) All students like excursions.

(b) Some students like laboratory experiments.

Conclusions : (I). Students who like laboratory experiments also like excursions.

(II) Some students do not like laboratory experiments but like excursions.

- (1) Only Conclusion I follows
(2) Only Conclusion II follows
(3) Both Conclusions I and II follow
(4) Neither Conclusion I nor II follows

38. Sand is called Black, Black is called Sky, Sky is called Red, Red is called Sea. Where are stars seen then?

- (1) Sand (2) Sea
(3) Black (4) Red

39. What do you conclude from the following two statements?

I. Hybrid plants are resistant to fungus.

II. Fungal infection reduces the life of plants.

- (1) For a long life-span grow hybrid plants
(2) Fungus attacks hybrid plants
(3) Yield is more in hybrid plants
(4) All plants are hybrid plants

40. If LEMON is written as OVN-LM, how can MELON be written in the same way?
(1) NVOML (2) LMNOV
(3) NVOLM (4) NVLOM
41. If D becomes H, E becomes J and G becomes N, what will K become in English alphabet?
(1) U (2) V
(3) Y (4) Z
42. If CALM is written as XZON, then JACKAL may be written as
(1) FZXPZM (2) QZXPZO
(3) FXZOZP (4) ZQPOZX
43. In a certain code language REFORM is coded as 426349 and FORMULA is coded as 6349871. How is AMUL coded in that language?
(1) 1847 (2) 1987
(3) 1784 (4) 1478
44. If A = Y = 1, B = S = 2, N = P = 3, O = E = 4, R = G = 5, the sum of which set of letters below makes an odd number?
(1) BANANA
(2) ORANGE
(3) GRAPES
(4) PAPAYA
45. If B = 8, L = 7, O = 5, C = 9, K = 4, using the given total, find out the missing symbol in the following block :

B	O	?	B	B
---	---	---	---	---

 = 33
(1) B (2) L
(3) K (4) C
46. In the following series of numerals, which digit has maximum frequency?
846734378344563464348
(1) 8 (2) 6
(3) 4 (4) 3
47. How many even numbers are there in the following sequence of numbers which are immediately followed by an odd number as well as immediately preceded by an even number?
86768932753422355228119
(1) One (2) Three
(3) Four (4) Five
48. Jill has more money than Mani but less than Babu. If the amounts held by Jill, Mani and Babu are x, y and z, respectively, which of the following is true?
(1) $z < x < y$ (2) $x < z < y$
(3) $y < x < z$ (4) $x < y < z$
49. All of us, plus half of us and quarter of us and you alone taken together equal 71. How many are we really?
(1) 70 (2) 60
(3) 50 (4) 40
50. If the day after tomorrow is Friday, what day will third day after the tomorrow be?
(1) Saturday (2) Monday
(3) Sunday (4) Friday
51. Specify the choice which gives the number that would replace the question mark :
 $\frac{\sqrt{27}}{27} = 4$
(1) 108 (2) 10664
(3) 11664 (4) 1664
52. If the ratio of the areas of two squares is 16 : 1, then the ratio of their perimeters is
(1) 4 : 1 (2) 16 : 1
(3) 1 : 3 (4) 3 : 4
53. The shade of 18 ft high pole is 20 ft. Find out the length of shade of 27 ft long pole
(1) 36 ft (2) 30 ft
(3) 34 ft (4) 40 ft
54. A father was twelve times as old as his son twenty years back. Now he is twice as old as his son. What are their present ages?
(1) Father 44 and son 22
(2) Father 55 and son 33
(3) Father 66 and son 44
(4) None of these
55. What is the difference between the biggest and the smallest fractions in the following?
 $\frac{2}{3}, \frac{4}{5}, \frac{5}{6}, \frac{3}{4}$
(1) $\frac{1}{12}$ (2) $\frac{1}{20}$
(3) $\frac{1}{30}$ (4) $\frac{1}{6}$
56. Average of two numbers is 6.5 and square root of their product is 6. What are the numbers?
(1) 11 and 2 (2) 8 and 5
(3) 10 and 3 (4) 9 and 4
57. 60% of students in a school are boys. The number of girls in the school is 300 then the number of boys is
(1) 500 (2) 300
(3) 450 (4) 750
58. Of four numbers whose average is 60, the first is $\frac{1}{4}$ th of the sum of last three. The first number is
(1) 15 (2) 45
(3) 42 (4) 48
59. Seeta and Geeta have two glasses of equal volumes. Both have some milk in their glasses. Seeta says to Geeta, "Give me half the milk in your glass so that my glass will be full of milk". Geeta says to Seeta, "Instead you give me one-fourth of the milk in your glass so that my glass will be full of milk". Find the ratio of volumes of milk in their glasses.
(1) 2 : 4 (2) 8 : 6
(3) 4 : 3 (4) 2 : 3
60. Rema and Molly sing Karnatic and Hindustani music. Molly and Padma sing Hindustani and light music. Padma and Kamala sing light music and semi-classical music. Rema and Kamala sing semi-classical and Karnatic music. Who sings light music, semi-classical and Karnatic music?
(1) Rema (2) Padma
(3) Molly (4) Kamala
61. A scores more runs than B but less than C. D scores more than B but less than A. Who is the lowest scorer?
(1) A (2) B
(3) C (4) D
62. Harish sits on the right of Satish. Satish sits between

Manish and Girish. Who sits farthest to the right?

- (1) Satish (2) Girish
(3) Harish (4) Manish

63. R and S are brothers, X is the sister of Y and X is the mother of R. What is Y to S?

- (1) Uncle (2) Brother
(3) Father (4) Mother

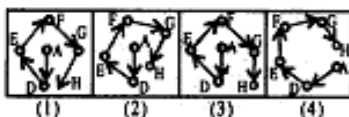
64. A starts walking from a point P. A goes westward and covers a distance of 4 km and then turns to his right and walks 3 km. How far A is from the starting point?

- (1) 7 km (2) 9 km
(3) 2 km (4) 5 km

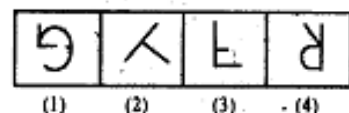
65. A man starts his journey facing the sun early morning. He then turns right and walks 2 km. He then walks 3 km after turning right again. Which is the direction he is facing now?

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

66. Raju starts from a place A towards South and reaches second place D. From there he takes turn towards N-W and reaches point E. From there he takes turn towards N-E and reaches place F. From there he takes turn towards S-E and reaches place G. From there he takes turn towards South and reaches place H. Which of the following figures indicates his path of journey correctly?



67. The following are English alphabet letters turned in the same plane. Which one is an exception?



68. In the alphabets from A to Z, which is the third letter to the right of the letter which

is in midway between K and S?

- (1) R (2) Q
(3) P (4) O

69. From the given alternative words, select the word which cannot be formed using the letters of the given word :
CONTINENT

- (1) CONTENT (2) INTENT
(3) CONVENT (4) TENT

70. From the given alternatives, select the one which can be formed using the letters of the given word :
URBANIZATION

- (1) NATURAL (2) RATIONAL
(3) BAND (4) TURBAN

71. The following become meaningful words if two letters interchange their places :

- (A) LETRET (B) MIDELO
(C) VISNOI (D) PERDOI

The letters to be interchanged are

- (1) first and last
(2) third and fourth
(3) fourth and sixth
(4) second and fifth

72. Find out three letters to be filled in three blank spaces which make meaningful words when prefixed and suffixed letters are added up :



- (1) O U G (2) E A C
(3) I M E (4) R A C

73. The correct spelling is given. The four alternatives have some mistakes such as

- (a) letter omitted
(b) unwanted letter added
(c) sequence of letters changed
(d) letter omitted and another letter added as a substitute

Find the alternative which contains maximum number of mistakes :

SCAVENGER

- (1) SAVEGNER
(2) SAVENGER
(3) CAVANGURE
(4) CAVENGER

74. If you arrange the letters given below properly, it will give a meaningful word. Find out that word :

- TAOBIROPN
(1) PROMOTION
(2) PROMINENT
(3) PROBATION
(4) PROFOUND

75. Two words are given. Using the letters contained in these two words, which one of the following words can be formed?

- (A) LEADER (B) CLIMB
(1) MINUTE (2) BLEAK
(3) DEBATE (4) MIRACLE

76. Which one of the following responses will fill the blanks to make a meaningful word?
— E S — —

- (1) R E T (2) T E R
(3) P T E (4) P S T

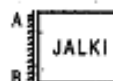
77. What is the total number of triangles in the figure given below?



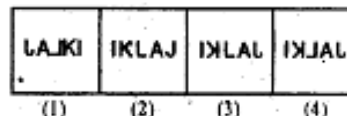
- (1) 16 (2) 32
(3) 40 (4) 12

78. Which of the answer figure is exactly the mirror image of the given figure, when the mirror is held at AB?

Question Figure :



Answer Figures :

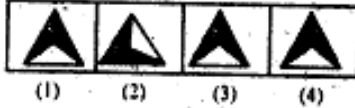


79. Choose the correct mirror image of the figure, when the mirror is held at AB :

Question Figure :



Answer Figures :

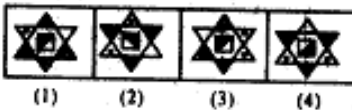


80. Choose the correct water image of the question figure out of four answer figures given :

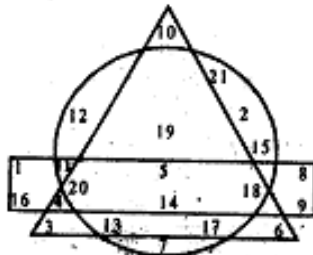
Question Figure :



Answer Figures :



81. Study the following diagram consisting of a circle, a rectangle and a triangle, and answer the question given below it :



Which of the following numbers is common in all the three diagrams?

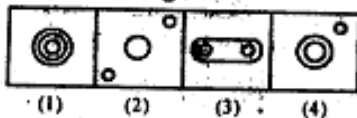
- (1) 19 (2) 13
(3) 15 (4) None of these

82. Which one of the following diagrams represents water, salt and sugar?

Question Figure :



Answer Figures :

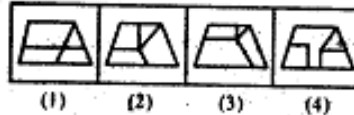


83. Among the four answer figures, which one can be formed from the cutout pieces given below?

Question Figure :



Answer Figures :

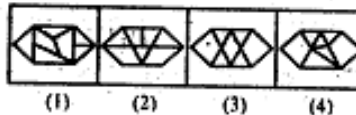


84. Which answer figure the colored components of the question figure are found?

Question Figure :



Answer Figures :

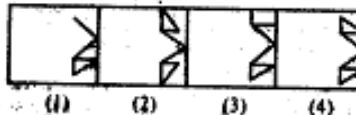


85. Which one of the answer figures shall complete the given question figure?

Question Figure :



Answer Figures :

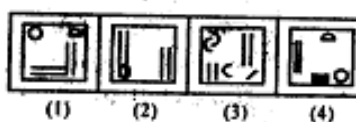


86. In the following question, which of the alternatives (1), (2), (3) and (4) will exactly make up the key figure given in the question?

Question Figure :



Answer Figures :

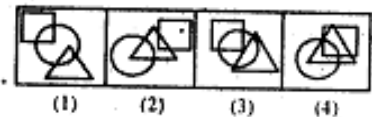


87. There is a dot placed in the question figure. Find out the answer figure which has the possibility of placing the dot satisfying the same conditions as in the question figure.

Question Figure :



Answer Figures :

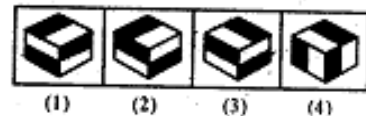


88. In this test the problem figure is of a wooden block. Think of the position which you will get when you place the block with its front side at the bottom.

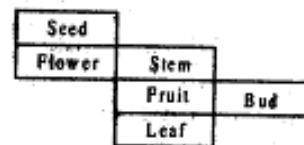
Question Figure :



Answer Figures :



89. In a cube using given arrangement, which part be opposite Fruit?



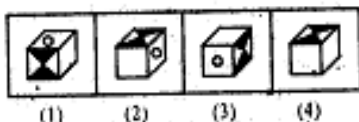
- (1) Stem (2) Seed
(3) Flower (4) Bud

90. The question figure is folded to form a box. Choose from the answer figures the box that is similar to the box formed.

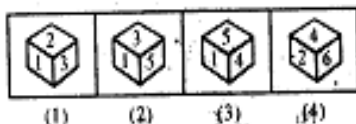
Question Figure :



Answer Figures :



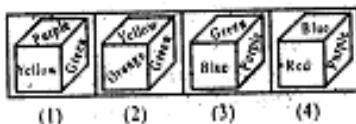
91. Four positions of a dice are given below.



Identify the number at the bottom when top is 6.

- (1) 3 (2) 1
(3) 4 (4) 5

92. Which colour is opposite to Purple?



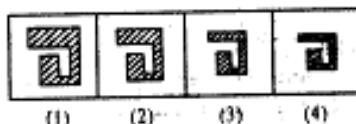
- (1) Blue (2) Orange
(3) Red (4) Green

93. The figure given below has a fitting complement figure in the four alternatives that makes it a perfect square. Which one is it?

Question Figure :



Answer Figures :

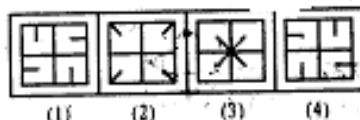


Directions (94-95) : From the given answer figures, select the one in which the question figure is hidden/embedded.

94. Questions Figure



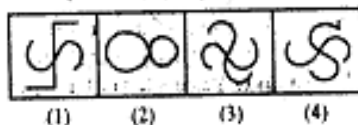
Answer Figures



95. Question Figure :



Answer Figures :

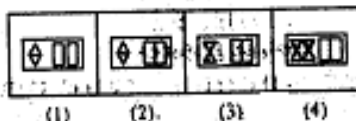


96. What figure will be formed when a transparent sheet with the given figures is folded on the dotted line?

Question Figure :

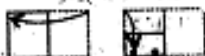


Answer Figures :

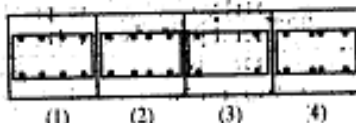


97. A piece of paper is folded and punched as shown below. From the given responses indicate how it will appear when opened.

Question Figure :



Answer Figures :



98. Which of the following columns are connected/related with each other in some way?

I	II	III	IV	V
4	8	12	28	16
2	4	6	14	8
5	10	15	35	20
7	16	21	49	28
9	21	27	63	36

- (1) Columns I, III and V
(2) Columns I, II and IV
(3) Columns II, III and V
(4) Columns I, II and III

99. Given below are letters A to Z. Under each capital letter a small letter is written which is to be used as a code for the capital letter :

A	B	C	D	E	F	G	H	I	J	K	L	M
a	b	c	d	e	f	g	h	i	j	k	l	m
N	O	P	Q	R	S	T	U	V	W	X	Y	Z
n	o	p	q	r	s	t	u	v	w	x	y	z

In the following question a group of five capital letters is given and its code equivalent is given in one of the columns (1), (2), (3) and (4). Study the group of letters given in question and with the help of code given above, choose the code equivalent from amongst (1), (2), (3) or (4) as your answer :

BNOUV

- (1) swcgr, nlfzqx, rwgcs, vfmjx, ecgsw, fmvxw
(2) srwcg, pqblt, kwyna, ldjeh, xuozy, nkeoh
(3) yrwnm, pmxad, tlqpb, ynkam, dhuef, uvyxz
(4) scgwr, gmyad, yrwcg, gm-npt, awkyn, blpql

100. Given below there is a name of town with date which has been reproduced against (1), (2), (3) or (4). Of them, three have some mistakes or the other while one is EXACTLY the same as given below. You are to choose the one as your answer which is EXACTLY the same reproduction of the given one :

Chandigarh

28th September 2001

- (1) Chandigarh
28th September 2001
(2) Chandighr
28th September 2001
(3) Chandigarh
28th September 2001
(4) Chandigarh
28 September 2001

**Answer: General
Intelligence**

1	(3)	27	(4)	51	(3)	76	(1)
2	(3)	27	(4)	52	(1)	77	(1)
3	(2)	28	(1)	53	(2)	78	(4)
4	(2)	29	(4)	54	(1)	79	(3)
5	(2)	30	(4)	55	(4)	80	(4)
6	(2)	31	(4)	56	(4)	81	(4)
7	(1)	32	(3)	57	(3)	82	(2)
8	(1)	33	(2)	58	(4)	83	(2)
9	(3)	34	(2)	59	(4)	84	(3)
10	(3)	35	(2)	60	(4)	85	(4)
11	(1)	36	(4)	61	(2)	86	(3)
12	(1)	37	(3)	62	(3)	87	(4)
13	(4)	38	(4)	63	(1)	88	(3)
14	(1)	39	(1)	64	(4)	89	(2)
15	(3)	40	(3)	65	(3)	90	(4)
16	(1)	41	(2)	66	(3)	91	(2)
17	(3)	42	(2)	67	(3)	92	(2)
18	(4)	43	(2)	68	(1)	93	(3)
19	(1)	44	(1)	69	(3)	94	(4)
20	(2)	45	(3)	70	(4)	95	(4)
21	(2)	46	(3)	71	(3)	96	(4)
22	(3)	47	(3)	72	(2)	97	(1)
23	(1)	48	(3)	73	(1)	98	(1)
24	(3)	49	(4)	74	(3)	99	(2)
25	(3)	50	(3)	75	(4)	100	(3)