SSC Combined Higher Secondary Level Exam Question Paper Held on 4-12-2011 (First Sitting)

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PART – I

GENERAL INTELLIGENCE

Directions : In Question Nos. **1** to **9**, select the related word/letters/number from the given alternatives.

1. Black : White : : Up : ?
   (A) Opposite
   (B) Disappointment
   (C) Wall
   (D) Down

2. Book : Author : : Statue : ?
   (A) Mason (B) Painter
   (C) Sculptor (D) Calligrapher

3. Necklace : Adornment : : ?
   (A) Medal : Decoration
   (B) Bronze : Medal
   (C) Scarf : Dress
   (D) Window : House

4. AL : CN : : DA : ?
   (A) BL (B) AA
   (C) HR (D) FC

5. ABC : ZYX : : CBA : ?
   (A) XYZ (B) BCA
   (C) YZX (D) XZY

6. AZBY : ZAYB : : CXDW : ?
   (A) AYBZ (B) EVFU
   (C) BYAZ (D) XCWD

7. 25 : 81 : : 36 : ?
   (A) 121 (B) 93
   (C) 65 (D) 103

8. 6 : 18 : : 4 : ?
   (A) 10 (B) 8
   (C) 6 (D) 4

9. 292 : 146 : : 582 : ?
   (A) 272 (B) 286
   (C) 291 (D) 292

Directions : In Question Nos. **10** to **18**, select the **one** which is different from the other **three** responses.

10. (A) Grapes
    (B) Pomegranate
    (C) Cardamom
    (D) Mango

11. (A) water (B) pool
    (C) lake (D) pond

12. (A) Eye (B) Hand
    (C) Nose (D) Ear

13. (A) A (B) O
    (C) I (D) N

14. (A) M N P (B) P Q S
    (C) W X Z (D) G H K

15. (A) 4 (B) 25
    (C) 146 (D) 625

16. (A) 32 – 42 (B) 48 – 58
    (C) 96 – 106 (D) 86 – 78

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17. (A) DABC (B) PMNO
(C) ZWXY (D) IDEF

18. (A) 58 – 85 (B) 96 – 69
(C) 38 – 83 (D) 47 – 73

19. Arrange the following words according to English Dictionary.
1. slunk 2. slung
3. slump 4. slum
(A) 4, 3, 2, 1 (B) 3, 2, 4, 1
(C) 3, 1, 4, 2 (D) 1, 2, 3, 4

Directions : In Question Nos. **20** & **21**, which one of the given responses would be a meaningful order of the following words in ascending order ?

20. 1. Gold 2. Silver
3. Platinum 4. Diamond
(A) 4, 1, 2, 3 (B) 3, 4, 1, 2
(C) 2, 1, 3, 4 (D) 1, 2, 3, 4

21. 1. Plant 2. Food
3. Seed 4. Leaf
5. Fruit
(A) 5, 4, 3, 2, 1 (B) 3, 2, 4, 5, 1
(C) 3, 1, 4, 5, 2 (D) 1, 3, 5, 4, 2

22. Which one set of letters when sequentially placed at the gaps in the given letter series shall complete it ?
d _ n _ _ _ n n d m _ n
(A) n d m n m (B) m d n m n
(C) m n d m n (D) d m n n m

Directions : In Question Nos. **23** to **26**, choose the correct alternative from the given ones that will complete the series.

23. A Z B Y C ? ?
(A) XD (B) WE
(C) DX (D) EW

24. YXW, UTS, QPO, MLK, ?
(A) LMN (B) JIH
(C) KJI (D) IHG

25. 9, 16, 25, 36, ? , 64.
(A) 56 (B) 49
(C) 80 (D) 72

26. 3, 5, 8, 13, 21, 34, 55, ? .
(A) 34 (B) 55
(C) 21 (D) 89

27. Find the wrong number in the given series :
4131, 1377, 461, 153, 51
(A) 461 (B) 153
(C) 1377 (D) 51

28. A prisoner introduced a boy who came to visit him to the jailor as "Brothers and sisters I have none, he is my father's son's son". Who is the boy ?
(A) Nephew
(B) Son
(C) Cousin
(D) Uncle

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29. Akhilesh is taller than Sheebu. Aman is not as tall as Akhilesh but is taller than Tejinder. Sheebu is also not as tall as Aman but is taller than Tejinder. Who is the tallest ?

(A) Akhilesh (B) Sheebu
(C) Aman (D) Tejinder

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

EMBOSSMENT

(A) BOSS (B) TOMB
(C) STEM (D) MATS

31. A group of alphabets are given with each being assigned a number. These have to be unscrambled into a meaningful word and correct order of letters may be indicated from the given responses.

U M E R N B
1 2 3 4 5 6

(A) 5, 1, 2, 6, 3, 4 (B) 2, 3, 4, 5, 1, 6
(C) 3, 4, 2, 5, 6, 1 (D) 5, 6, 1, 3, 4, 2

32. If 'LIBERALIZATION' is coded as 34256134918470, then 'AERATION' can be coded as

(A) 15168470
(B) 15186471
(C) 15618470
(D) 51618471

33. If REPUBLIC can be written as CRIELPBU, then how CULCUTTA can be written ?

(A) ACTUTLUC (B) UEPUEAA
(C) NHENHJJS (D) ATTUCLUC

34. Which of the following interchange of signs would make the given equation correct ?

$(12 \div 6) + 3 \times 7 = 42$

(A) + and × (B) 6 and 7
(C) ÷ and + (D) 12 and 3

35. Some equations are solved on the basis of a certain system. On the same basis, find out the correct answer for the unsolved equation.

$6 \times 8 \times 2 = 268$, $1 \times 2 \times 3 = 312$,
$9 \times 7 \times 5 = ?$

(A) 957
(B) 579
(C) 795
(D) 597

36. Select the correct combination of mathematical signs to replace * signs and to balance the given equation.

4 * 6 * 6 * 2 * 20

(A) + ÷ = ÷
(B) × - + =
(C) + - = ÷
(D) - + = ÷

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Directions : In Question Nos. 37 and 38, select the missing number from the given responses.

37.

64	25	81
36	49	16
14	12	?

(A) 13 (B) 26
(C) 97 (D) 15

38.

14	22	37
04	06	03
05	03	05
61	135	?

(A) 120 (B) 112
(C) 116 (D) 555

39. Raman starts walking in the morning facing the Sun. After sometime, he turned to the left. Later again, he turned to his left. At what direction is Raman moving now ?
(A) East
(B) West
(C) South
(D) North

40. Mohan travelled from point 'A' straight to 'B' at a distance of 8 m. He turned right and walked 4 m, again turned to his right and walked 8 m. Finally he turned to his right and walked 3 m. How far he was from his starting point ?
(A) 8 m (B) 3 m
(C) 1 m (D) 4 m

41. One statement is given followed by two conclusions I and II. You have to consider the statements to be true even if they seem to be at variance from commonly known facts. You are to decide which of the given conclusions, if any, follow from the given statement. Indicate your answer.

Statement : Metals expand when heated.
Conclusion I : Non-metals do not expand when heated.
II : All things which expand when heated, are metals.
(A) Only conclusion I follows.
(B) Only conclusion II follows.
(C) Both conclusions I and II follow.
(D) Neither conclusion I nor II follows.

42. Two statements are given followed by four conclusions I, II, III and IV. You have to consider the statements to be true even if they seem to be at variance from commonly known facts. You are to decide which of the given conclusions, if any, follow from the given statements. Indicate your answer.

Statement 1 : All dogs are books.
2 : All books are pictures.
Conclusion I : All dogs are pictures.
II : All books are dogs.
III : All pictures are dogs.
IV : Some pictures are books.
(A) Only I and IV follow.
(B) Only II and III follow.
(C) Either II or III follows.
(D) Either II or IV follows.

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43. A solid cube of 4 inches has been painted Red, Green and Black on pair of opposite faces. It has been cut into one inch cubes. How many cubes have only one face painted that too only red ?

(A) 4 (B) 8

(C) 16 (D) 24

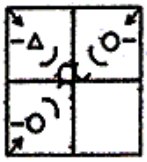
44. Six friends A, B, C, D, E and F are sitting in a row facing East. 'C' is between 'A' and 'E'. 'B' is just to the right of 'E' but left of 'D'. 'F' is not at the right end. Who is between 'B' and 'C' ?

(A) A (B) D

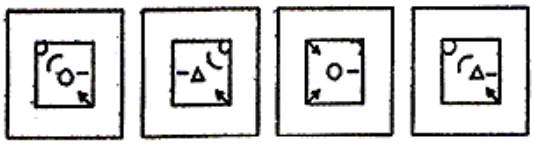
(C) E (D) F

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

Question figure :



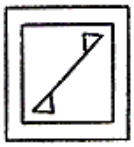
Answer figures :



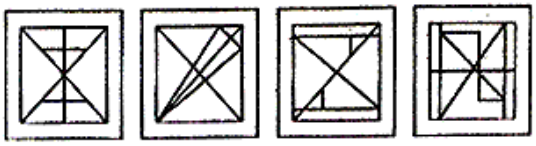
(A) (B) (C) (D)

46. Select the answer figure in which the question figure is hidden/embedded.

Question figure :



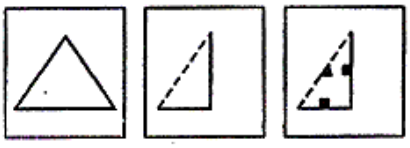
Answer figures :



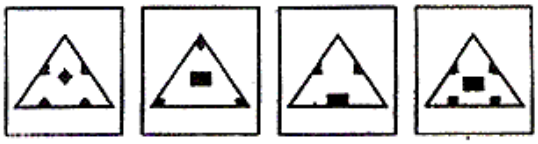
(A) (B) (C) (D)

47. 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 figure :



Answer figures :



(A) (B) (C) (D)

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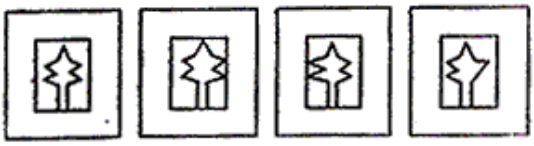
48. Which of the answer figure is exactly the mirror image of the given figure, when the mirror is held on the line AB ?

Question figure :

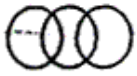
Answer figures :



(A) (B) (C) (D)

49. Which one of the following diagrams best depicts the relationship among Fishes, Snakes and Birds ?

(A)

(B) 

(C)

(D)

50. 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 alphabets as in two matrices given below. The columns and rows of Matrix I are numbered from 0 to 4 and that of Matrix II are numbered from 5 to 9. A letter from these matrices can be represented first by its row and next by its column, e.g. : 'F' can be represented by 01, 13, 32, etc. and 'N' can be represented by 57, 69, 95, etc. Identify the set for the word PEN.

MATRIX – I

	0	1	2	3	4
0	E	F	G	H	I
1	H	I	E	F	G
2	F	G	H	I	E
3	I	E	F	G	H
4	G	H	I	E	F

MATRIX – II

	5	6	7	8	9
5	L	M	N	O	P
6	O	P	L	M	N
7	M	N	O	P	L
8	P	L	M	N	O
9	N	O	P	L	M

(A) 66, 30, 95

(B) 85, 00, 95

(C) 86, 00, 95

(D) 65, 00, 95

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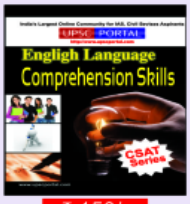

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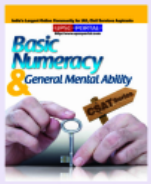

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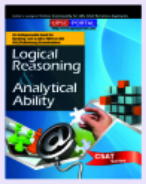

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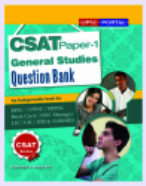

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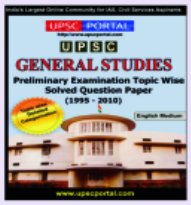

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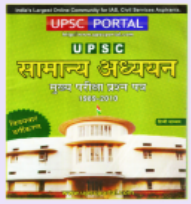

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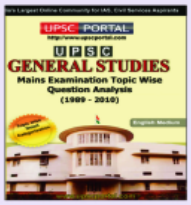

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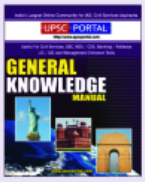

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