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SOLVED PAPER
SSC COMBINED GRADUATE LEVEL EXAM
Held on:– 26-06-2011
(Second Sitting)

PART A

GENERAL INTELLIGENCE & REASONING

1. There are three baskets of fruits. First basket has twice the number of fruits in the 2nd basket. Third basket has $\frac{3}{4}$th of the fruits in the first. The average of the fruits in all the baskets is 30. What is the number of fruits in the first basket?
   (A) 20 (B) 30
   (C) 35 (D) 40
2. From my house I walked 5 km towards North. I turned right and walked 3 km. Again I went one km to the south. How far am I from my house?
   (A) 7 km (B) 6 km
   (C) 4 km (D) 5 km
3. A and B are standing as a distance of 20 km from each other on a straight East-West road. A and B start walking simultaneously eastwards and westwards respectively and both cover a distance of 5 km. Then A turns to his left the walks 10 km. B turns to his right and walks 10 km at the same speed. Then both turn to their left and cover a distance of 5 km at the same speed. What will be distance between them?
   (A) 10 km (B) 30 km
   (C) 20 km (D) 25 km
4. From the given alternative words, select the word which *cannot* be formed using the letters of the given word:
   REFORMATION
   (A) REFRAIN (B) MOTION
   (C) REFRACT (D) FORMAT

Directions: From the given alternative words, select the word which can be formed using the letters of the given word.

5. MANUFACTURE
   (A) FRACTURE (B) MANNER
   (C) MATTER (D) FACE
6. If in a certain language, PLAYER is coded as QNDCJX, then how SINGER will be coded in the same language?
   (A) TKQKJX (B) TKJKQX
   (C) TKQKXJ (D) TKQXJK
7. If in a certain code, 95789 is written as EGKPT and 2436 is written as ALUR, the how will 24539 be written in that code?
   (A) ALEUT (B) ALGTU
   (C) ALGUT (D) ALGRT

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8. A statement is given followed by four alternative arguments. Select on which is most appropriate.

Statement : White clothes are women more often is summer because

(A) they are thin and cool
(B) they are bad absorbers of heat
(C) they can be easily washed
(D) they are easily available in summer

Directions: In question nos. 9 to 17, select the related letter / word / number / figure from the given alternatives.

9. Procession : Route : : Earth : ?
(A) Space (B) Sun
(C) Orbit (D) Highway

10. FERTILIZER : CROPS : : ?
(A) TEACHER : EDUCATION
(B) CHLORINE : WATER
(C) TONIC : BODY
(D) PESTICIDE : RATS

11. LOCKER : KMNPBDJLDFQS : : LEFT : ?
(A) KNCDSGSU (B) KMDFEGSU
(C) KMDFEGUS (D) KMDEFGUS

12. YWUS : BDFH : : WUSQ : ?
(A) DFHJ (B) FHJL
(C) JLNP (D) RTVX

13. ADCB : KNML : : EHGF : ?
(A) DGFE (B) RUST
(C) QRST (D) ZYXW

14. BCDF : GHIK : : LMNP : ?
(A) QRST (B) QRTS
(C) QRSU (D) QRSV

15. IC : 6 : : DP : ?
(A) 14 (B) 10
(C) 12 (D) 16

16. ABCD : WXYZ : : EFGH : ?
(A) STUV (B) ZYXW
(C) VUTS (D) WXZY

17. 83 : 25 : : 29 : ?
(A) 44 (B) 49
(C) 40 (D) 63

Directions: In question nos. 18 to 22, find the odd number / letters / figures / number pair from the given alternatives.

18. (A) Ladder
(B) Staircase
(C) Bridge
(D) Escalator

19. (A) Talking (B) Walking
(C) Sleeping (D) Running

20. (A) DWHS (B) BYDW
(C) CWFS (D) EVJQ

21. (A) DHLP (B) TXBF
(C) JNRV (D) YBEH

22. (A) 1 (B) 65
(C) 8 (D) 64

23. Find the number that does not belong to the group of number for lack of common property.
(A) 945 (B) 625
(C) 743 (D) 853

24. Find out the set of numbers amongst the four sets of numbers given in the alternatives which is mot like the set given in the question.

Given set: (8, 56, 72)

(A) (7, 56, 63) (B) (3, 15, 24)
(C) (6, 42, 54) (D) (5, 30, 35)

25. In the following question, number of letters are skipped in between by a particular rule. Which of the following series observes the rule?
(A) AEJOTY (B) AFKPUZ
(C) AFKPTY (D) AEINRV

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26. Insert the correct missing number from the choices given below:

2 cm	7 cm	9 cm	18 cm	36 cm	72 cm
157	150	141	123	87	?

(A) 36 (B) 15
(C) 51 (D) 69

Directions: Arrange the following words as per order in the dictionary.

27. 1. Noble 2. Nobilitary
3. Noblesse 4. Nobility
5. Nobble

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

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

an _ nn _ ana _ na _ nan _ a

(A) Annan (B) Aanan
(C) Nanna (D) Naana

Directions: In question nos. 29 to 33, a series is given with one/two term missing. Choose the correct alternative from the given ones that will complete the series.

29. MNOABCPQRDEFST ??

(A) GK (B) UV
(C) GH (D) UG

30. 5 9 ? = 84
8 6 4 = 56 7 3 7 = 70

(A) 4 (B) 7
(C) 5 (D) 6

31. 9, 8, 10, 16, 11, ? 12, 64

(A) 28 (B) 36
(C) 25 (D) 32

32. 34, 18, 10, ?

(A) 8 (B) 5
(C) 7 (D) 6

33. Find the wrong number in the series.

7, 28, 63, 124, 215, 342

(A) 28 (B) 63
(C) 124 (D) 342

34. In a class Rajan got the 11th rank and he was 31st from the bottom of the list of boys passed. Three boys did not take the examination and one failed. What is the total strength of the class?

(A) 32 (B) 42
(C) 45 (D) 46

35. In a family, mother's age is twice that of daughter's age. Father is 10 years older than mother. Brother is 20 years younger than his mother and 5 years older than his sister. What is the age of the father?

(A) 62 years (B) 60 years
(C) 58 years (D) 55 years

36. Rahul and Robin are brothers. Pramod is Robin's father. Sheela is Pramod's sister. Prema is Pramod's niece. Shubha is Sheela's granddaughter. How is Rahul related to Shubha?

(A) Brother (B) Cousin
(C) Uncle (D) Nephew

37. In a survey of a town, it was found that 65% of the people surveyed watch the news on T.V., 40% read a newspaper and 25% read a newspaper and watch the news on T.V. What per cent of the people surveyed neither watch the news on T.V. nor read a newspaper?

(A) 5% (B) 10%
(C) 20% (D) 15%

38. In the year 1996, the Republic Day was celebrated of Friday. On which day was the Independence Day celebrated in the year 2000?

(A) Tuesday (B) Monday
(C) Friday (D) Saturday

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39. Mr. and Mrs. Gopal have 3 daughters and each daughter has one brother. How many persons are there in the family?
(A) 5 (B) 6
(C) 7 (D) 8

40. In Ravi's clock shop, two clocks were brought for repairs. One clock has the cuckoo coming out every sixteen minutes, while the other one has the cuckoo coming out every eighteen minutes. Both cuckoos come out at 12.00 noon. When will they both come out together again?
(A) 2.06 PM (B) 2.08 PM
(C) 2.24 PM (D) 2.32 PM

Directions: In question nos. 41 and 42, select the missing number from the given responses.

41.

169	64	81	30
625	?	49	50
1296	576	100	70

(A) 324 (B) 289
(C) 441 (D) 361

42.

1	2	3
4	5	6
7	8	9
27	28	?

(A) 49 (B) 50
(C) 51 (D) 52

43. The number of road accidents in a city is increasing month by month as given below. Find out of the number of accidents in the month of June.

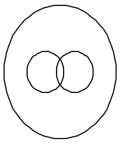
Month	*Jan*	*Feb*	*March*	*April*	*May*	*June*
No. of accidents	4	8	16	28	44	?

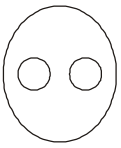
(A) 64 (B) 48
(C) 52 (D) 40

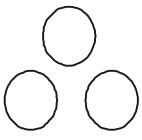
44. If '×' means 'addition', '–' means 'division', '÷' means 'subtraction' and '+' means 'multiplication', then which of the following equations is correct?
(A) 16 + 5 – 10 × 4 ÷ 3 = 9
(B) 16 – 5 × 10 ÷ 4 + 3 = 12
(C) 16 + 5 ÷ 10 × 4 – 3 = 9
(D) 16 × 5 ÷ 10 ÷ 4 – 3 =19

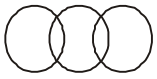
45. A man starts from a point, walks 8 km towards North, turns right and walks 12 km, turns left and walks 7 km, turns and walks 24 km towards South, turns right and walks 12 km. In which direction is he from the starting point?
(A) North (B) South
(C) West (D) East

46. Which diagram correctly represents the relationship between ***Human beings, Teachers,*** *Graduates?*

(A) 

(B) 

(C) 

(D) 

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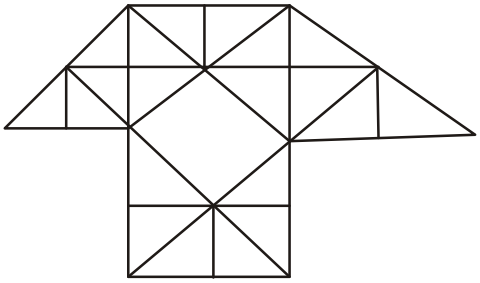
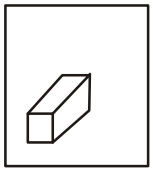
47. How many triangles are there in the given figures?



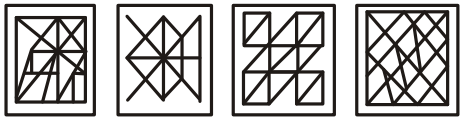
(A) 29 (B) 38
(C) 40 (D) 35

Directions: From the given answer figures, select the one in which the question figures is hidden / embedded.

48. Question figure.



Answer figures

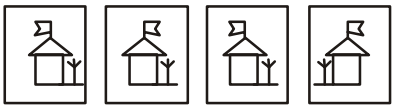


(A) (B) (C) (D)

Directions: In a mirror is placed on the line MN, the which of the answer figures is the right image of the given figure?

49. Question figure

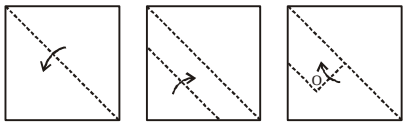
Answer figures



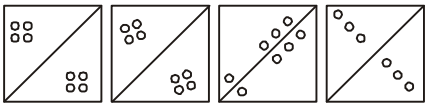
(A) (B) (C) (D)

Directions: 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.

50. Question figures



Answer figures



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

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ANSWER SHEET

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

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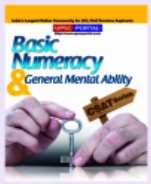

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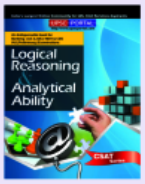

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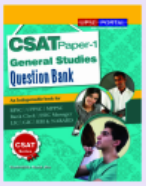

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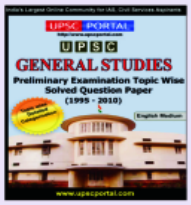

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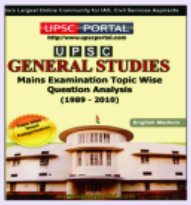

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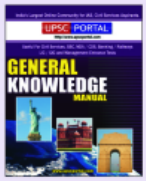

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