

# SOLVED PAPER

## SSC COMBINED GRADUATE LEVEL EXAM

Held on:- 19-06-2011

(First Sitting)

### PART A

#### GENERAL INTELLIGENCE & REASONING

Directions: In questions no. 1 to 9, select the related letters/word/number from the given alternatives.

1. CFIL : ORUX :: DGJM : ?  
(A) HILN (B) NQST  
(C) PSVY (D) RTVX
2. BEHK : YVSP :: DGJM : ?  
(A) JGDA (B) ROLI  
(C) WTQUN (D) ZWTQ
3. 24 : 60 :: 120 : ?  
(A) 160 (B) 220  
(C) 300 (D) 108
4. 392 : 28 :: 722 : ?  
(A) 18 (B) 28  
(C) 38 (D) 48
5. 123 : 36 :: 221 : ?  
(A) 52 (B) 69  
(C) 72 (D) 25
6. Timid : Ass :: Cunning : ?  
(A) Ant (B) Fox  
(C) Rabbit (D) Horse
7. Ecstasy : Gloom :: ?  
(A) Congratulations : Occasion  
(B) Diligent : Successful

- (C) Measure : Scale  
(D) Humiliation : Exaltation

8. Architect : Building :: Sculptor : ?  
(A) Museum (B) Stone  
(C) Chisel (D) Statue
9. MKQO : LNPR :: ? : XVTZ  
(A) YSUW (B) SVWY  
(C) VTWY (D) WYTS

Directions: In question no. 10 to 15, find the odd number / letters / word from the given alternatives.

10. (A) PQXZ (B) BCQN  
(C) ABDF (D) MNPR
11. (A) ABYZ (B) CDWX  
(C) EFUV (D) GHTV
12. (A) 626 (B) 841  
(C) 962 (D) 1090
13. (A) 5720 (B) 6710  
(C) 2640 (D) 4270
14. (A) Swimming (B) Sailing  
(C) Diving (D) Driving
15. (A) Perception (B) Discernment  
(C) Penetration (D) Insinuation

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Directions: In question no. 16, from among the given alternatives select the one in which the set of numbers is most like the set of number given in the question.

Given Set: (4, 25, 81)

16. (A) (4, 36, 79) (B) (9, 48, 81)  
(C) (16, 64, 100) (D) (9, 49, 143)
17. In the following question, number of letters are skipped in between by a particular rule. Which of the following series observe the rule?  
(A) BAFHTU (B) ACEGJL  
(C) ACFIOU (D) ADFHJL

Directions: In question no. 18, which one of the given responses would be a meaningful order of the following?

18. 1. Ocean 2. Rivulet 3. Sea  
4. Glacier 5. River  
(A) 5, 2, 3, 1, 4 (B) 4, 2, 5, 3, 1  
(C) 5, 2, 3, 4, 1 (D) 4, 2, 1, 3, 5

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

19. 1. Preposition 2. Preparatively  
3. Preposterous 4. Preponderate  
5. Preposess  
(A) 2, 4, 1, 5, 3 (B) 1, 5, 2, 4, 3  
(C) 5, 4, 2, 3, 1 (D) 4, 2, 5, 1, 3
20. Which one set of letters when sequentially placed at the gaps in the given letter series shall complete it?

ac\_cab\_baca\_aba\_aca\_

- (A) acbcc (B) aacbc  
(C) babbb (D) bcbba

Directions: In questions no. 21 to 24, a series is given, with one/two term(s) missing. Choose the correct alternative

21. ?, DREQ, GUHT, JXKW  
(A) EFRS (B) TGSP  
(C) JWVI (D) AQBN

22. 56, 90, 132, 184, 218, ?  
(A) 368 (B) 316  
(C) 362 (D) 326

23. 0, 4, 8, 24, 64, 176, ?  
(A) 180 (B) 480  
(C) 280 (D) 300

24. WTPMIFB ? ?  
(A) ZV (B) XU  
(C) YU (D) YV

25. Mrs. Susheela celebrated her wedding anniversary on Tuesday, 30<sup>th</sup> September 1997. When will she celebrate her next wedding anniversary on the same day?  
(A) 30 September 2003  
(B) 30 September 2004  
(C) 30 September 2002  
(D) 30 October 2003

26. A clock gains five minutes every hour. What will be the angle traversed by the second hand in one minute?  
(A) 360° (B) 360.5°  
(C) 390° (D) 380°

27. B is twice as old as A but twice younger than F. C is half the age of A but is twice older than D. Who is the second oldest?  
(A) B (B) F  
(C) D (D) C

28. A two member committee comprising of one male and one female member is to be constituted out of five male and three females. Amongst the females, Ms. A refuses to be a member of the committee in which Mr. B is taken as the member. In how many different way can the committee be constituted?

- (A) 11 (B) 12  
(C) 13 (D) 14

29. Find the wrong number in the series.

6, 12, 21, 32, 45, 60

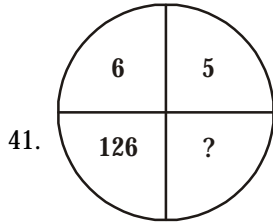
- (A) 6 (B) 12  
(C) 21 (D) 32

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30. Ramesh ranks 13<sup>th</sup> in a class of 33 students. There are 5 students below Suresh rankwise. How many students are there between Ramesh and Suresh?  
 (A) 12 (B) 14  
 (C) 15 (D) 16
31. Naresh's age is 4 years less than twice the age of his brother. Which of the following represents the equation to find his age?  
 (A)  $2x + 4$  (B)  $4x + 2$   
 (C)  $x - 4$  (D)  $2x - 4$
32. Suresh's sister is the wife of Ram. Ram is Rani's brother. Ram's father is Madhur. Sheetal is Ram's grandmother. Reema is Sheetal's daughter-in-law. Rohit is Rani's brother's son. Who is Rohit to Suresh?  
 (A) Brother-in-law (B) Son  
 (C) Brother (D) Nephew
33. In a survey, 70% of those surveyed owned a car and 75% of those surveyed owned a TV. If 55% owned both a car and a TV. What percent of those surveyed did not own either a car or a TV?  
 (A) 25% (B) 20%  
 (C) 10% (D) 5%
34. If DANCE is coded as GXQZH, then how will RIGHT be coded?  
 (A) UFJEW (B) SCKFX  
 (C) UEJWE (D) UPWJE
35. If LOSS is coded as 1357 and GAIN is coded as 2468, what do the figures 84615 stand for?  
 (A) NAILS (B) SNAIL  
 (C) LANES (D) SLAIN
36. A statement is given followed by four alternative arguments. Select the alternative which is most appropriate.  
**Statement**  
 Is it necessary that education should be job oriented?
- I. Yes, the aim of education is to prepare persons for earning.  
 II. Yes, educated person should stand on his own feet after completion of education.  
 III. No, education should be for sake of knowledge only.  
 IV. No, one may take up agriculture where education is not necessary.  
 (A) Only I and II arguments are strong  
 (B) Only III and IV arguments are strong  
 (C) Only I argument is strong  
 (D) Only I and III arguments are strong
37. A man started walking West. He turns right, then right again and finally turns left. Towards which direction was he walks now?  
 (A) North (B) South  
 (C) West (D) East
38. Sudha travels 8 km to the South. Then 8 km turns to the right and walks 4 km. Then she turns to her right and moves 8 km forward. How many km away is she from starting point?  
 (A) 7 (B) 6  
 (C) 1 (D) 8
39. From the given alternative words, select the words which **cannot** be formed using the letters of the given word:  
 'COMPREHENSION'  
 (A) COMPRISE (B) PENSION  
 (C) ONIOX (D) PREACH
40. From the given alternative words, select the word which can be formed using the letters of the given word  
 'MULTIPLICATION'  
 (A) MUTUAL (B) LIMITATION  
 (C) APPLICATION (D) NOTION

Directions: In questions no. 41 and 42, select the missing number from the given responses.

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- (A) 127 (B) 31  
(C) 217 (D) 328

42. 

2	1	2
21	22	?
1	2	5
20	23	43

- (A) 40 (B) 48  
(C) 50 (D) 36

43. If '-' stands for division, '+' stands for subtraction, '÷' stands for multiplication, '×' stands for addition, then which one of the following equation is correct?

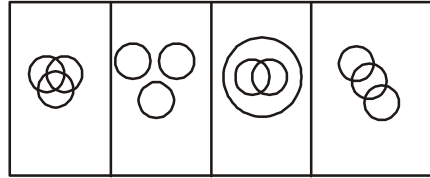
- (A)  $70 \div 2 - 4 \times 5 + 6 = 44$   
(B)  $70 \div 2 - 4 \times 5 + 6 = 21$   
(C)  $70 - 2 + 4 \div 5 \times 6 = 341$   
(D)  $70 - 2 + 4 \div 5 \times 6 = 98$

44. The school result is increasing year after year. Forecast the result of 2012 from the following information.

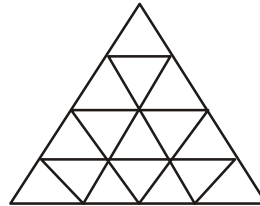
Year	2006	2007	2008	2009	2010	2011	2012
→							
Result	34.25%	36.75%	39.75%	43.25%	47.25%	51.75%	?
→							

- (A) 51.75% (B) 56.75%  
(C) 48.00% (D) 57.25%

45. Which diagram correctly represents the relationship between politicians, poets and women?



46. How many triangles are there in the following figures?



- (A) 29 (B) 27  
(C) 23 (D) 30

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

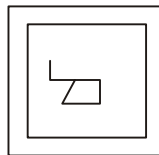
If  $324 \times 289 - 35, 441 \times 484 = 43$ .

$625 \times 400 = 45$ , find the value of  $256 \times 729$ .

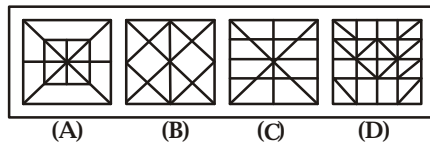
- (A) 33 (B) 35  
(C) 43 (D) 34

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

48. Question figure

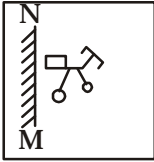


Answer figures:

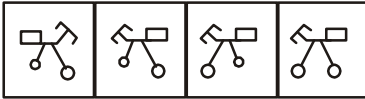


Directions: If a mirror is placed on the line MN, then which of the answer figures is the correct image of the given question figure?

49. Question figure :

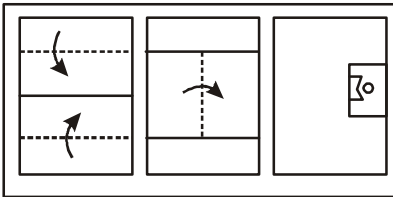


Answer figures:

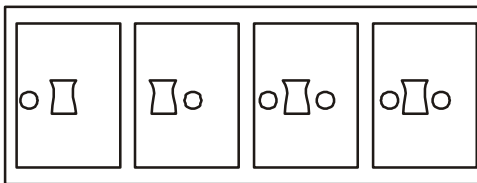


Directions: A piece of paper is folded and cut as shown in the question figures. From the given answer figures, indicate how it will appear when opened.

50. Question figures:



Answer figures:



(A)

(B)

(C)

(D)

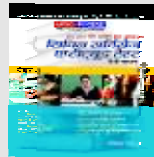
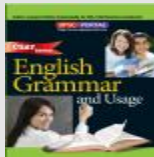
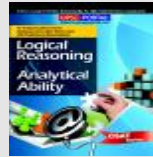
# ANSWER SHEET

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

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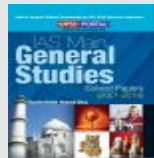
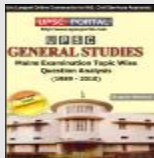
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