



SSC CGL

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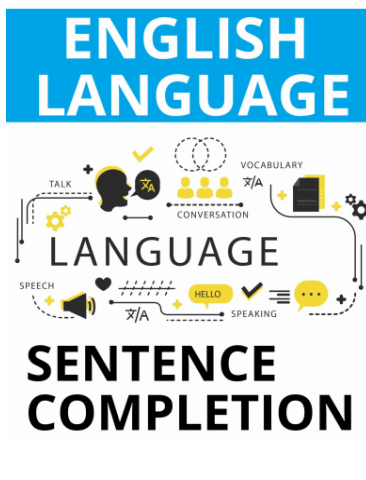
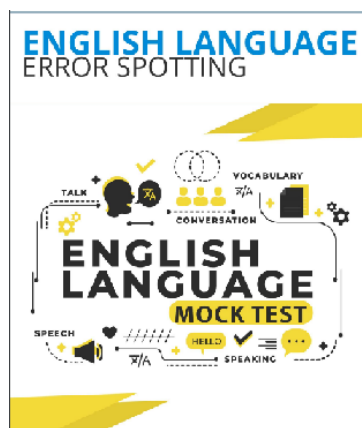
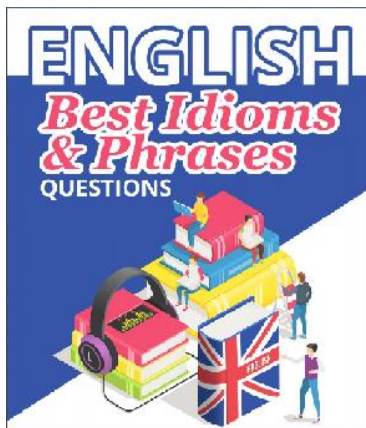


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Direction (1-3): Select the related word from the given alternatives.

1. Paper: Pen :: Smart phone:?

- A. Finger
- B. Mouse
- C. Processor
- D. Charger

2. WNK : CTQ :: ZAC :?

- A. FHK
- B. FHI
- C. FGI
- D. ABD

3. 149 : 300 :: 119 :?

- A. 800
- B. 240
- C. 132
- D. 341

Direction (4-6): Select the odd word from the given alternatives.

4.

- A. Boat
- B. Cruise
- C. Raft
- D. Bus

5.

- A. A Y W
- B. N K I
- C. S Q O
- D. G E C

6.

- A. 47
- B. 109



- C. 87
- D. 83

7. A series is given, with one-word missing. Choose the correct alternative from the given ones that will complete the series.

Ant, Basket, Charger, Device, ?

- A. Processor
- B. Engine
- C. Insect
- D. Alter

8. A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.

P, S, W, B,

- A. H
- B. K
- C. J
- D. Z

9. A series is given, with one number missing. Choose the correct alternative from the given ones that will complete the series.

109, 100, 92, 85, ?

- A. 75
- B. 70
- C. 79
- D. 65

10. Akarsh's birthday is on Saturday 29th July. On what day of the week will be Ojas's Birthday in the same year if Ojas was born on 12th August?

- A. Wednesday
- B. Friday
- C. Saturday
- D. Sunday

11. The weights of 4 boys are 30, 70, 60 and 20 kgs. Which of the following cannot be the total weight, in kgs, of any combination of these boys?

- A. 120

- B. 190
- C. 150
- D. 180

12. From the given words, select the word which cannot be formed using the letters of the given word.

ULTIMATE

- A. TIME
- B. LAME
- C. TIMID
- D. LIME

13. If NUMBER is coded as WPDOTG, then how will MAIL be coded as?

- A. CONK
- B. NBJL
- C. CNOK
- D. BNMJ

14. In a certain code language, '+' represents 'x', '-' represents '+', 'x' represents '÷' and '÷' represents '-'.
'.

What is the answer to the following question?

$$2 + 6 \times 4 - 15 \div 10$$

- A. 4
- B. 0
- C. -10
- D. 8

15. If $3@7 = 20$; $9@4 = 26$; $7@1 = 16$, then what is the value of $17@2$?

- A. 49
- B. 39
- C. 38
- D. 54

16. Select the missing number from the given responses

45	31	216
81	?	531
36	115	315

- A. 54
- B. 119
- C. 146
- D. 156

17. A person moves 12 m to south then turns right and moves 10 m. again turns right and moves 6 m. From here, he travels 20 m towards East. Now turns left and moves 6 m. how far is he from the starting point?

- A. 12 m
- B. 7 m
- C. 10 m
- D. 6 m

18. In the question 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 have to decide which of the given conclusions, if any, follows from the given

Statements.

Statement 1 : No shirts are t-shirts.

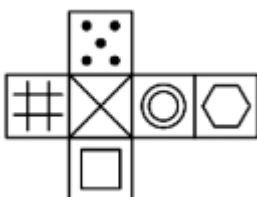
Statement 2 : All t-shirts are cotton.

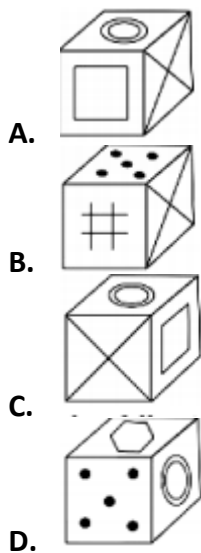
Conclusion I : Some shirts are cotton.

Conclusion II : No t-shirts are shirts.

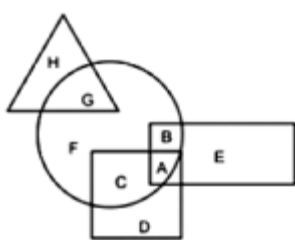
- A. Only conclusion I follows
- B. Only conclusion II follows
- C. Both I and II follow
- D. Neither I nor II follows

19. Which of the following cube in the answer figure cannot be made based on the unfolded cube in the question figure?





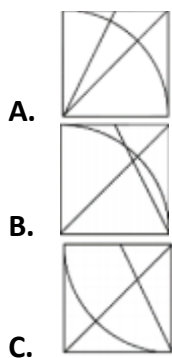
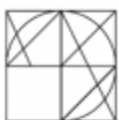
20. In the following figure, square represents Artists, triangle represents Military officers, circle represents collectors and rectangle represents Fathers. Which set of letters represents collectors who are either military officers or fathers?



- A. F,C
- B. D,E
- C. A,B,G
- D. H,E,D



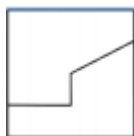
21. Which answer figure will complete the pattern in the question figure?



D.



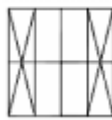
22. From the given answer figures, select the one in which the question figure is hidden/embedded.



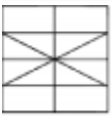
A.



B.



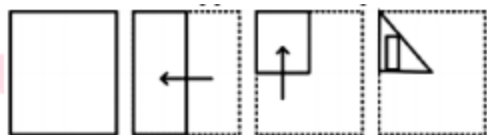
C.



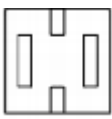
D.



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



A.



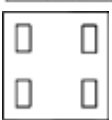
B.



C.



D.



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



- A.
- B.
- C.
- D.

25. 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 shown in the given two matrices. 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, for example 'K' can be represented by 41, 34 etc and 'Z' can be represented by 75, 86 etc. Similarly, you have to identify the set for the word 'PAWN'.

Matrix – I Matrix – II

	0	1	2	3	4
0	L	E	D	E	A
1	H	J	C	M	J
2	B	L	I	A	I
3	L	E	B	H	K
4	F	K	C	D	J

	5	6	7	8	9
5	R	Z	Q	R	N
6	Y	U	Y	T	O
7	Z	R	W	T	S
8	X	Z	O	S	Z
9	U	O	Y	O	P

- A. 44,10,87,55
- B. 99,23,77,59
- C. 03,40,86,65
- D. 31,31,59,66

26. If BIG is coded as 23 and HUG is coded as 41, then how will CAKE be coded as?

- A. 20
- B. 25
- C. 22
- D. 24

27. Select the set in which the numbers are related in the same way as are the numbers of the following set 9, 40, 25

- A. 16, 50, 25
- B. 25, 30, 4
- C. 36, 65, 49
- D. 81, 65, 36

28. Select the set in which the numbers are related in the same way as are the numbers of the following set.

(4, 40, 5)

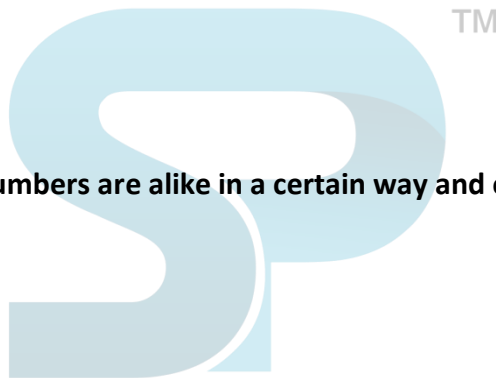
- A. 6, 45, 11
- B. 2, 40, 8
- C. 12, 84, 8
- D. 5, 90, 9

29. Three of the following four letter-clusters are alike in a certain way and one is different. Pick the odd one out.

- A. DGJM
- B. XWVU
- C. LNPR
- D. QTVY

30. Three of the following four numbers are alike in a certain way and one is different

- A. 133
- B. 182
- C. 261
- D. 224



31. A and B are brother and sister respectively. C is A's father, D is C's sister and E is D's mother. How is B related to E?

- A. Grand-daughter
- B. Great grand-daughter
- C. Aunt
- D. Daughter

32. Arrange the following words in a logical and meaningful order

1. Sentence 2. Word

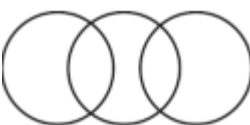

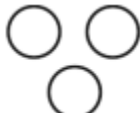

3. Chapter 4. Phrase

5. Paragraph

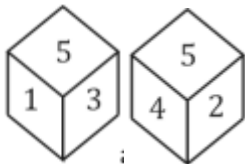
- A. 4, 3, 1, 2, 5
- B. 2, 3, 5, 4, 1
- C. 3, 5, 1, 4, 2
- D. 1, 3, 2, 4, 5

33. Select the Venn diagram that best illustrates the relationship between the following classes

Sharks, Whales, Turtles

- A. 
- B. 
- C. 
- D. 

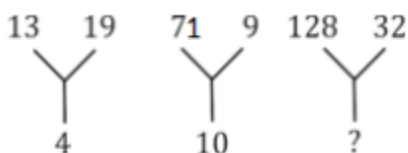
34. Two positions of a block are shown below



When 5 is on top, what is at the bottom?

- A. 6
- B. 4
- C. 3
- D. 2

35.



- A. 0
- B. 15
- C. 20

D. 25

36. 'Dog' is related to 'Canine' in the same way as 'Horse' is related to

- A. Grass
- B. Race
- C. Hoof
- D. Transport

Direction (37-39): In the following question, select the missing number from the given series.

37. ? , Charles Cornwallis, Lord Dalhousie, Lord Canning, Lord Curzon

- A. Warren Hastings
- B. Lord Irwin
- C. Lord Mountbatten
- D. C. Rajagopalachari

38. CD, HI, NO, UV, ?

- A. LM
- B. NP
- C. CD
- D. NP

39. 1, 3, 6, 11, 18, ?

- A. 27
- B. 28
- C. 29
- D. 31



40. In the following questions select the missing number from the given series.

99	31	91
15	17	18
1485	527	?

- A. 1678
- B. 2341
- C. 1137
- D. 1638

41. Navjot starts moving towards the west. After covering some distance, he turns left and then takes a right.

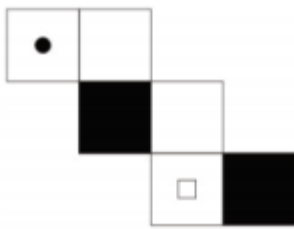
Which direction is he facing now?

- A. South
- B. North
- C. West
- D. East

42. Pointing to a woman, a girl says, "She is mother of the only child of my father-in-law." How is the woman related to the girl?

- A. Mother-in-law
- B. Granddaughter
- C. Mother
- D. Cousin

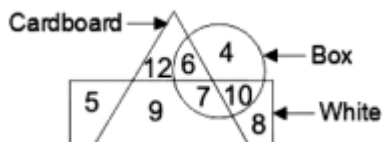
43. From the given options, which answer figure can be formed by folding the figure given in the question?



- A.
- B.
- C.
- D.



44. In the given figure, how many cardboard boxes are not white?



- A. 6
- B. 13
- C. 7
- D. 9

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



- A.
- B.
- C.
- D.

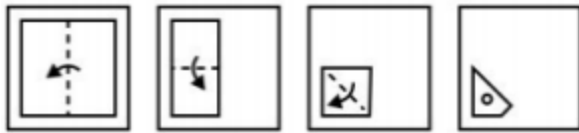
46. From the given answer figures, select the one in which the question figure is hidden/embedded.



- A.
- B.
- C.
- D.

Direction (47): A piece of paper is folded and punched as shown below in the question figures. From the given answer figures, indicate how it will appear when opened?

47.



- A.
- B.
- C.
- D.

Direction (48): In the following question, select the word which cannot be formed using the letters of the given word.

48. ENCOURAGING

- A. GRAIN
- B. RAGING
- C. GAUGE
- D. ENCOURAGE

49. In a row of cars, red car is 14th from left and 23rd from right. How many cars are there in the row?

- A. 36
- B. 37
- C. 35
- D. 34

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 shown in the given two matrices. 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, for example, 'A' can be represented by 68, 99 etc. and 'V' can be represented by 21, 32 etc. Similarly, you have to identify the set for the word 'NORM'.

Matrix-I

	0	1	2	3	4
0	A	T	M	D	O
1	S	A	N	F	I
2	N	V	Y	A	F
3	A	N	V	S	E
4	O	L	M	V	N

Matrix-II

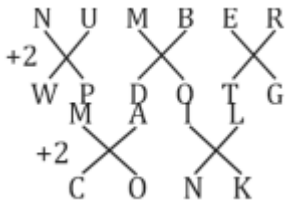
	5	6	7	8	9
5	R	N	M	R	Y
6	O	I	V	A	O
7	N	V	S	M	R
8	R	M	W	O	Y
9	V	V	Y	H	A

- A. 44,04,58,86
- B. 75,88,22,57
- C. 12,33,55,78
- D. 20,40,85,96

Answers & Explanation:

1. (a); Pen is used to write on paper, finger is used to input in smart phones.
2. (c); +6 pattern.
3. (b) $\times 2 + 2$ pattern.
4. (d) Rest all moves on water.
5. (b) -2 pattern except option (b)
6. (c) Except (c), all other are prime numbers
7. (b) First alphabet of each word is as per English alphabetical series.
8. (a) +3, +4, +5, +6 pattern series.
9. (c) -9, -8, -7, -6 pattern series
10. (c) Sol. No. of days between two dates = 14 days No. of odd days = $\frac{14}{7} \Rightarrow \text{Remainder} = 0$
 \therefore Day on 12th August will be Saturday.
11. (b) $120 = 30 + 20 + 70$
 $150 = 20 + 60 + 70$
 $180 = 20 + 30 + 60 + 70$
 \therefore 190 cannot be a combination.

13. (a)



14. (d)

$$2 \times 6 \div 4 - 15 \div 10$$

$$= 3 + 15 - 10 = 8$$

15. (c)

$$17@2 = (17 + 2) \times 2 = 38$$

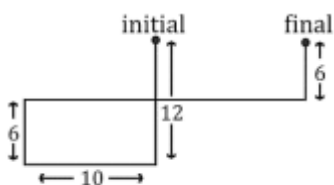
16. (c)

$$45 + 36 = 81$$

$$31 + 115 = 146$$

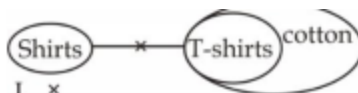
$$216 + 315 = 531$$

17. (c)



Required distance = 10 m

18. (b);


$$\mathbb{I} \times$$

II. ✓

Only conclusion II follows

19. (a);

20. (c); A, B, G

21. (c);

22. (c);

23. (b);

24. (b);

25. (b);

99 23 77 59
| | | |
P A W N

26. (b); B I G

$$2 + 9 + 7 = 18 + 5 = 23$$

H U G

$$8 + 21 + 7 = 36 + 5 = 41$$

C A K E

$$3 + 1 + 11 + 5 = 20 + 5 = 25$$

27. (c);

9, 40, 25
↓ ↓ ↓
 3^2 5^2
↓
 $(3 + 5) \times 5 = 40$
Now,
36, 65, 49
↓ ↓
 6^2 7^2
↓
 $(6 + 7) \times 5 = 65$

28. (d);

Given set
 $(4 \times 5) \times 2 = 40$
Option (d)
 $(5 \times 9) \times 2 = 90$

29. (d); D G J M

$$4 \ 7 \ 10 \ 13 \rightarrow +3 \text{ gap}$$

X W V U

$$24 \ 23 \ 22 \ 21 \rightarrow -1 \text{ gap}$$



L N P R

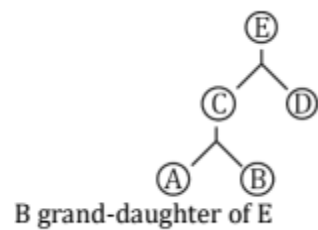
12 14 16 18 → +2 gap

T V Y

17 20 22 25 → non-uniform gap

30. (c); Fill are divisible by 7 except for option (c)

31. (a);



32. (c);



33. (c):



34. (a);



1,2,3,4 will be on sides and 5, 6 on top and bottom respectively.

35. (c);

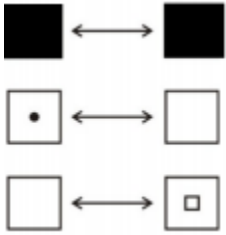
$$\frac{13+19}{8} = \frac{32}{8} = 4 \rightarrow \text{lower number}$$

$$\frac{71+9}{8} = 10$$

Therefore,

$$\frac{128+32}{9} = \frac{160}{8} = 20$$

36. (c); Dog is a canine animal.



44. (a): 6

45. (a)

46. (c)

47.(a)

48.(d): 'ENCOURAGE'; there is no double 'E' in the given word.

49.(a): Total cars in the row = $14 + 23 - 1 = 36$

50. (a); 44, 04, 58, 86

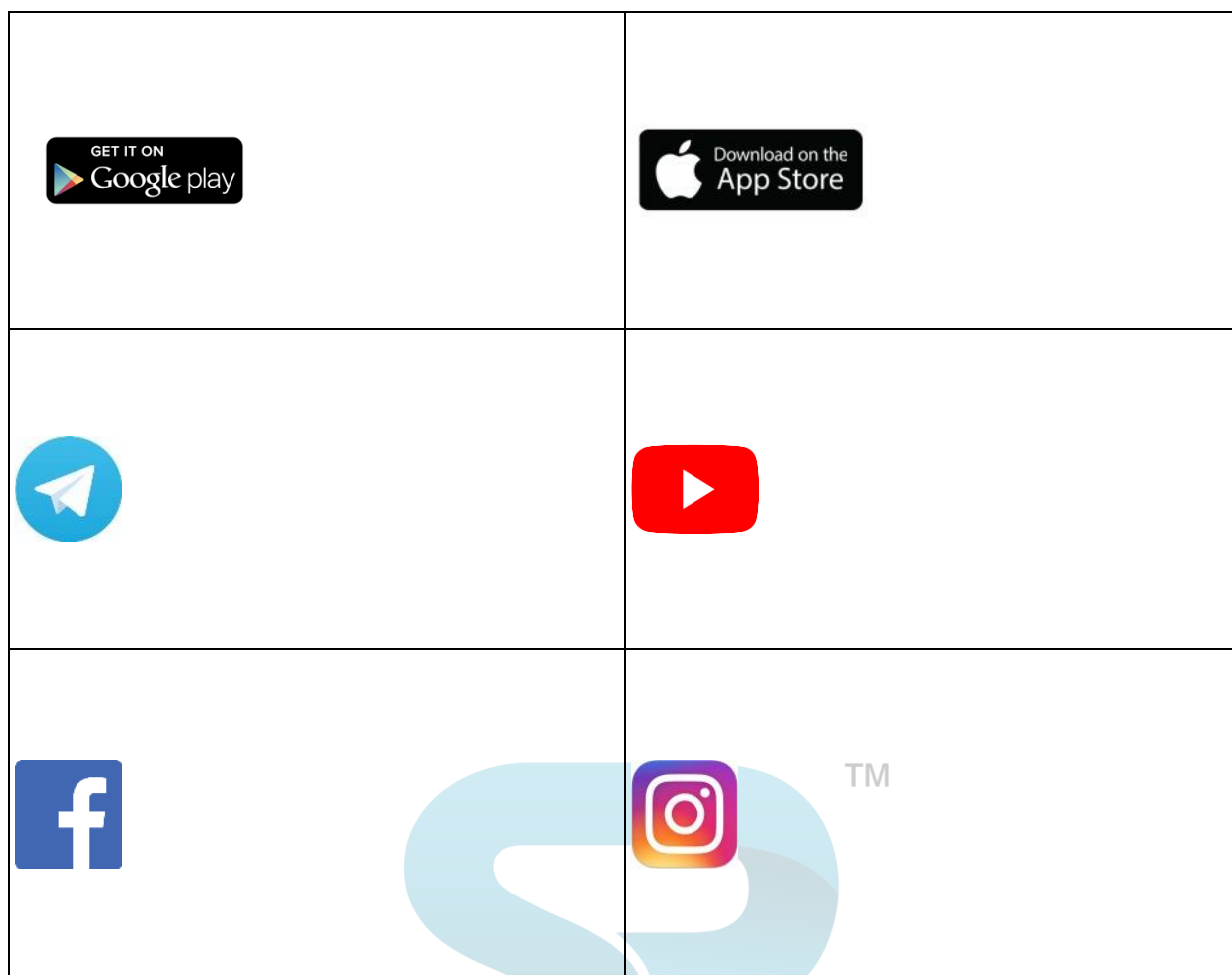
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