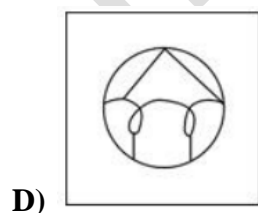
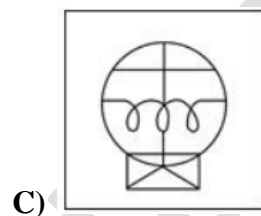
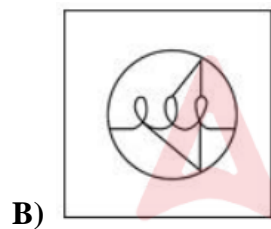
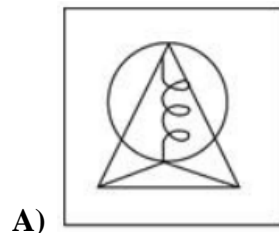
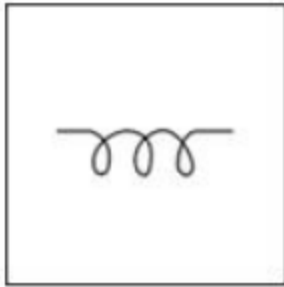


**Combined Graduate Level Examination 2024 Tier I
(09-09-2025) (General Intelligence & Reasoning)**

Q.1 Select the option figure in which the given figure (X) is embedded (rotation is NOT allowed).



2. Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the letter cluster that is different.

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Note: The odd one out is not based on the number of consonants/vowels or their position in the letter cluster

- A. BEHI
- B. TWYZ
- C. PSUV
- D. FIKL

3. In a certain code language, 'SILK' is written as 'TIML' and 'INSECT' is written as 'IOTEDU'. How will 'CHANGE' be written in that language?

- A. DOIHAE
- B. DEIOHA
- C. DEIHAO
- D. DIAOHE

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

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /deleting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(19, 456, 6)

(16, 320, 5)

A. (18, 378, 7)

B. (14, 210, 5)

C. (21, 504, 8)

D. (18, 648, 9)

5. The position of how many letters will remain unchanged if each of the letter in the word 'JANITOR' is arranged in English alphabetical order?

- A. Three

B. Two

C. One

D. Zero

6. Which figure should replace the question mark (?) if the following series were to be continued?

	=		8		T		△	
B	U	2	=	U	2	8	T	
2	T	9	T	9	U	8	=	9
								2
								?

A)

	=	
9	8	
△	2	T

B)

	=	
△	2	
8	T	9

C)

	=	
△	9	
8	T	2

D)

	=	
2	8	
△	T	9

7. In the following number-pairs, the second number is obtained by applying certain mathematical operations to the first number. Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /deleting /multiplying etc., to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(12, 145)

(9, 82)

A. (16, 256)

B. (14, 197)

C. (22, 483)

D. (8, 69)

8. Which of the four options will replace the question mark (?) in the following series?

XF 11 , YI 15, ZL 19 , AO 23, ?

A. CQ 25

B. BP 26

C. CR 25

D. BR 27

9. Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

P _ A A _ _ Z A _ V _ _ A _ _

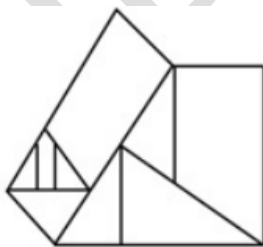
A. VPZZPVAP

B. ZPVVAPVZ

C. ZVPAPZAV

D. VZAAPVPZ

10. How many triangles are there in the given figure?



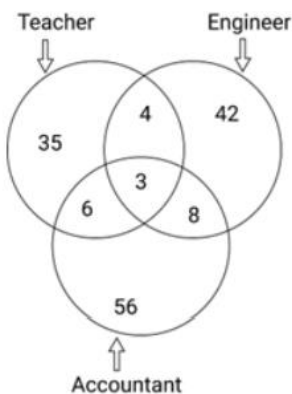
A. 6

B. 8

C. 4

D. 5

11. Study the given diagram carefully and answer the question that follows. The numbers in different sections indicate the number of persons who have applied for different posts.



What is the total number of persons who have applied for more than one post?

A. 21

B. 113

C. 15

D. 18

12. Three of the following numbers are alike in a certain way and one is different. Pick the odd one out.

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /deleting /multiplying etc., to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

A. 36 – 84

B. 72 – 168

C. 66 – 154

D. 33 – 72

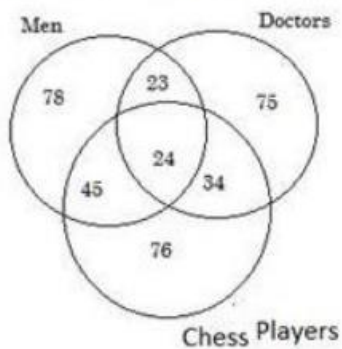
13. Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

CWE:ZFX ::PYT:MDI :: KIL:?

- A. PRO
- B. RTQ
- C. STQ
- D. PQO

14.

The following Venn diagram shows Men's profession as Doctors and Chess Players.



How many men are doctors?

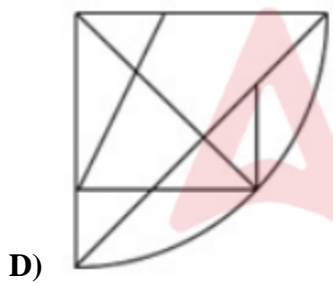
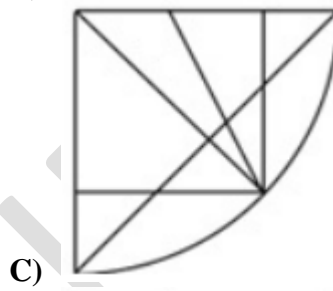
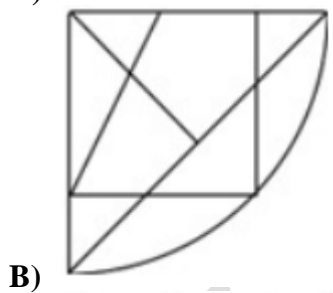
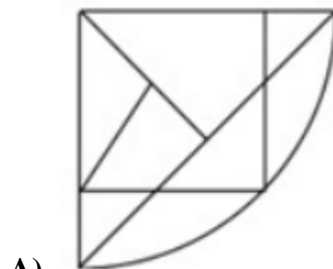
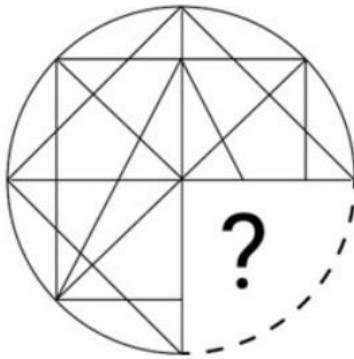
- A. 47
- B. 34
- C. 24
- D. 23

15. Which of the following terms will replace the question mark (?) in the given series?

MFT, NIS, PLQ, SON, WRJ, ?

- A. RUE
- B. BUE
- C. BVD
- D. BUP

16. Select the option that will replace the question mark (?) in the figure given below to complete the pattern.



17. Select the number from the given options to complete the series.

35, 38, 43, 50, 59, ____

A. 62

B. 68

C. 78

D. 70

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

(34, 47, 62)

(119, 142, 167)

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /deleting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

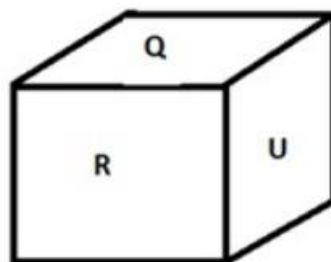
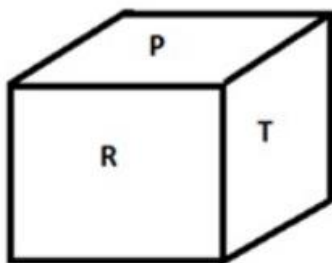
A. (27, 38, 51)

B. (48, 65, 82)

C. (64, 78, 99)

D. (79, 98, 119)

19. Six letters P, Q, R, S, T and U are written on different faces of a dice. Two positions of this dice are shown in the figure below. Find the letter on the face opposite to R.



A. T

B. Q

C. U

D. S

20. Which two numbers (not digits) should be interchanged to make the given equation correct?

$$24 \div 3 - 4 \times 2 + 6 \times 5 + 12 = 50$$

A. 5 and 4

B. 4 and 3

C. 24 and 12

D. 3 and 2

21. What will come in place of the question mark (?) in the following equation, if '+' and '-' are interchanged and '×' and '÷' are interchanged?

$$321 - 371 \div 22 + 216 \times 6 = ?$$

A. 7848

B. 7884

C. 8747

D. 8447

22. In a certain code language,

A + B means 'A is the son of B',

A - B means 'A is the sister of B',

A × B means 'A is the brother of B' and

A ÷ B means 'A is the mother of B'.

Based on the above, how is T related to P if 'P ÷ Q × R - M + T'?

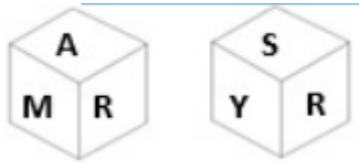
A. Son

B. Brother

C. Father

D. Husband

23. Six letters A, M, R, S, Y and Q are written on different faces of a dice. Two positions of this dice are shown in the figures below. Find the letter on the face opposite to S.



A. Q

B. M

C. Y

D. A

24. In a certain code language, 'SET' is coded as '37' and 'MIX' is coded as '35'. How will 'WAR' be coded in that language?

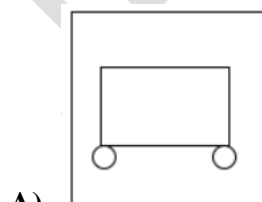
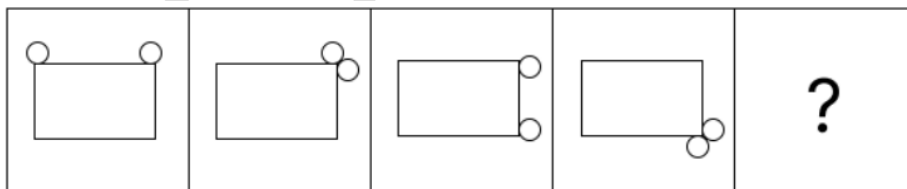
A. 39

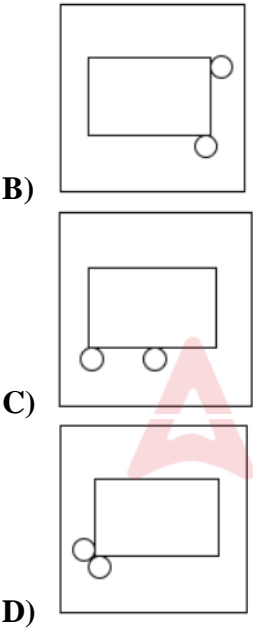
B. 21

C. 32

D. 29

25. Identify the figure given in the options which when put in place of the question mark (?) will logically complete the series?





Answer Key :

1) C	2) A	3) D	4) D	5) D	6) D	7) B	8) D	9) C	10) B
11) A	12) D	13) B	14) A	15) B	16) C	17) D	18) D	19) D	20) C
21) D	22) D	23) D	24) A	25) A					