

Syllabus for CIC is available at <https://www.crestolympiads.com/cic-syllabus>

Pattern and Marking Scheme

Class	Topic/Section	No. of Questions	Marks per Question	Total Marks	Total Time (in minutes)
	Section 1 – Basic	20	3	60	-
6 <sup>th</sup> to 12 <sup>th</sup>	Section 2 - Intermediate	20	6	120	-
	Section 3 - Advanced	20	9	180	-
	<b>Grand Total</b>	<b>60</b>	<b>-</b>	<b>360</b>	<b>60</b>

**Note:** There will be negative marking of  $\frac{1}{3}$  marks for each incorrectly marked question.

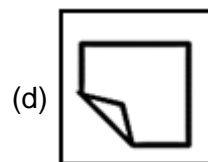
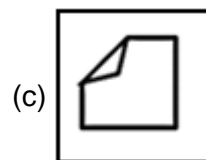
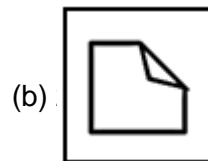
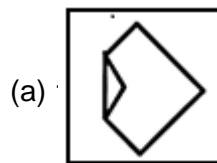
1. Study the alphanumeric series given below and answer the following questions.

5 B 1 E : Q 9 H ~ C ! 7 P F @ M 3 | G L 8 \$ 2 A ^ Y K & 6 ) 4 U % T

Which of the following meaningful word cannot be formed using the letters that come between second even number from right end and fourth odd number from left end?

- (a) FLAP (b) PLAY  
(c) LAMP (d) UGLY

2. Choose the odd one out.



3. Directions: In the following question below some statements are given followed by some conclusions. Taking the given statements to be true even if they seem to be at variance from commonly known facts, read all the conclusions and then decide which of the given conclusion logically follows the given statements.

**Statements:**

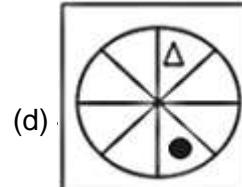
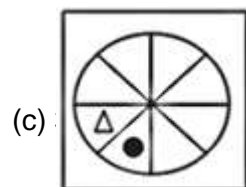
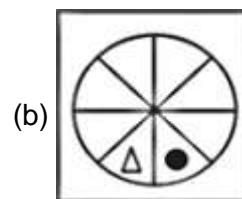
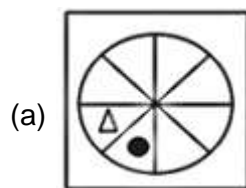
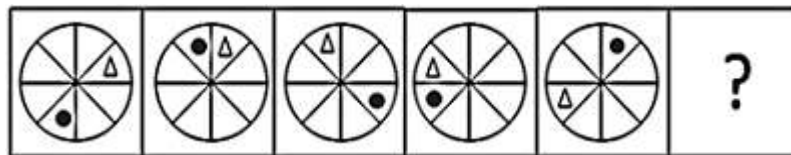
- i. Some rats are turtles.
- ii. Some turtles are snakes.

**Conclusions:**

- i. All snakes are rats.
- ii. Some snakes are not turtles.

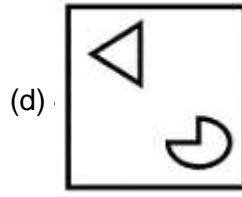
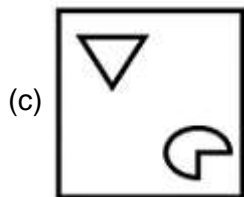
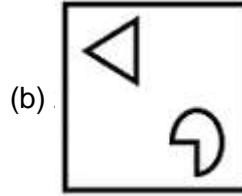
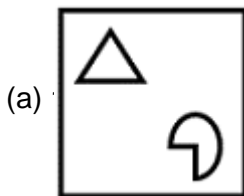
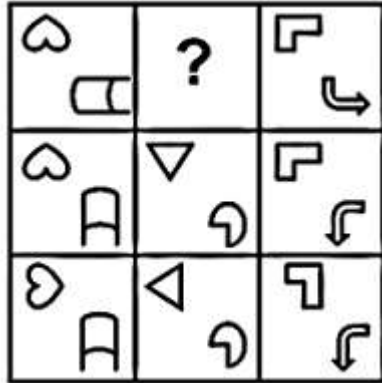
- (a) Only conclusion (I) follows.
- (b) Only conclusion (II) follows.
- (c) Both conclusions follow.
- (d) Neither conclusion (I) nor conclusion (II) follows.

4. Select the option that can replace the question mark (?) in the following series.



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5. Find the missing figure in the figure matrix.



6. Direction: Study the following information carefully and answer the given question  
The following is the illustration of input and its rearrangement.

(Numbers whenever they appear are two-digit numbers)

Input: Eat 20 Task 27 Walk 40 21 Bag

Step I: 20 Eat Task 27 Walk 40 21 Bag

Step II: 20 21 Eat Task 27 Walk 40 Bag

Step III: 20 21 27 Eat Task Walk 40 Bag

Step IV: 20 21 27 40 Eat Task Walk Bag

Step V: 20 21 27 40 Bag Eat Task Walk

And step V is the last step of the rearrangement of the above input.

As per the rules followed in the above steps, which word or number is 2nd to the left of Kite in Step III?

Input: 17 Gun 60 Kite 82 Ink 28 Cat

(a) 82

(b) Cat

(c) 60

(d) Ink

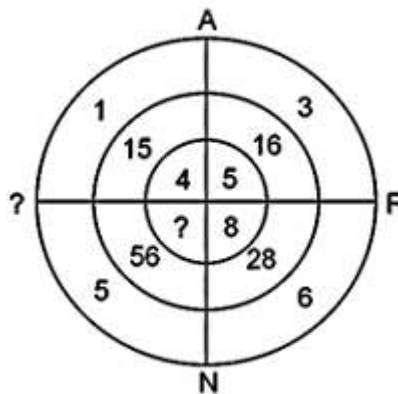
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7. Which two signs and two numbers should be interchanged in the following equation to make it correct?

$$(11 + 5 - 120 \div 4) \times 20 = 40$$

- (a) + and -, 120 and 11  
(b)  $\times$  and +, 4 and 5  
(c)  $\div$  and  $\times$ , 11 and 5  
(d) + and  $\div$ , 4 and 11

8. Find the missing part number and the missing alphabet.



- (a) K, 9  
(b) W, 9  
(c) K, 11  
(d) L, 11

9. Select the number that can replace the question mark '?' in the following series:

24, 30, 36, 42, 52, 60, ?

- (a) 76  
(b) 90  
(c) 58  
(d) 68

10. In a code language, if "ROMANCE" is written as "30", then how will "GARDEN" be written in that language?

- (a) 25  
(b) 35  
(c) 27  
(d) 37

## Answers

1. (b), 2. (b), 3. (c), 4. (c), 5. (b), 6. (c), 7. (d), 8. (a), 9. (c), 10. (a).