## CREST Reasoning Olympiad (CRO)

Syllabus for CRO is available at httos://www.crestolympiads.com/cro-syllabus

| Pattern and Marking Scheme |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Class | Topic/Section | No. of <br> Questions | Marks per Questions | Total Marks |  |
|  | Logical Reasoning | 25 | 1 | 25 |  |
| $1^{\text {st }}$ to $4^{\text {th }}$ | Achiever's Section | 10 | 2 | 20 |  |
|  | Grand Total | $\mathbf{3 5}$ | - | 45 |  |
|  | Logical Reasoning | 40 | 1 | 40 |  |
| $5^{\text {th }}$ to $10^{\text {th }}$ | Achiever's Section | 10 | 2 | 20 |  |
|  | Grand Total | $\mathbf{5 0}$ | - | $\mathbf{6 0}$ |  |

1. Complete the second pair by choosing a figure from the given alternatives:

(a)

(b)

(c)

(d)

2. Which shape has the maximum number of sides?

(a) g
(b) b
(c) e
(d) d

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3. Calculate the length of the blue car if each red car measures 40 cm . Convert your answer in meter.

(a) 200 m
(b) 100 m
(c) $2 m$
(d) 1 m
4. What will come at the place of question mark?

(a) 32
(b) 64
(c) 216
(d) 514
5. Monika drew a face as shown below. Count the number of circles in the given image.

(a) 7
(b) 6
(c) 8
(c) 5

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6. Complete the series:

(a)

(b)

(c)

(d)

7. Identify the odd one out:
(a)

(b)

(c)

(d)

8. If Delhi is called Agra, Agra is called Mumbai and Mumbai is called Kolkata, then which city is the capital of India?
(a) Kolkata
(b) Agra
(c) Delhi
(d) Mumbai

## Achiever's Section

9. If there are 10 students in the class, Rekha is 2 nd from the last and Nidhi is 3rd from the start, then how many girls are between Rekha and Nidhi?
(a) 5
(b) 8
(c) 6
(d) 7

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10. Group the given figures into three classes using each figure only once.

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

## Answers

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