



## CREST Reasoning Olympiad (CRO)

Previous Year Paper (2021-22)

**Class 4**

**Time Allowed: 1-hour**

**Maximum Marks: 45**

- Additional **10 minutes** will be allotted to fill up information on the OMR Sheet, before the start of the exam.
- Fill in all the mandatory fields clearly on the OMR Sheet.
- There are **2 sections** in the question paper namely the **Logical Reasoning & Achievers' Section** consisting of **25 questions (1 mark each) & 10 questions (2 marks each)**, respectively.
- There is no negative marking. The use of a calculator is not permitted.
- There is **only ONE correct option** to a given question.
- Use **HB Pencil or Blue / Black ball point pen only** for marking the correct choice of answers on the OMR Sheet.
- Rough work is to be done in the space provided in the test booklet. Extra plain sheet may be provided by the school for the rough work.
- The OMR Sheet is to be handed over to the invigilator at the end of the exam.
- No candidate is allowed to carry any textual material, printed or written, bits of paper, any electronic device, etc. inside the examination hall.
- The use of unfair means may result in the cancellation of the exam. Any such instances may be reported at **+91-98182-94134** or **info@crestolympiads.com**

**DO NOT OPEN THIS BOOKLET UNTIL ASKED TO DO SO**

**FILL IN THE DETAILS**

Student Name: \_\_\_\_\_

Class: \_\_\_\_\_ Section: \_\_\_\_\_

Enrollment No: \_\_\_\_\_

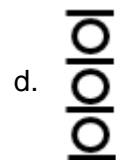
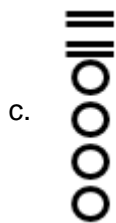
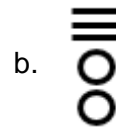
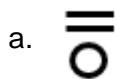
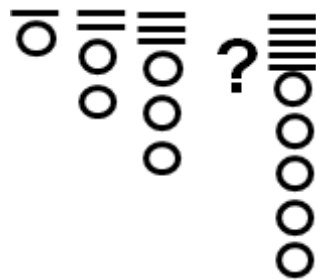
## Logical Reasoning (Each Question is 1 Mark)

1. Exercise is related to Gym as Eating as related to:
 

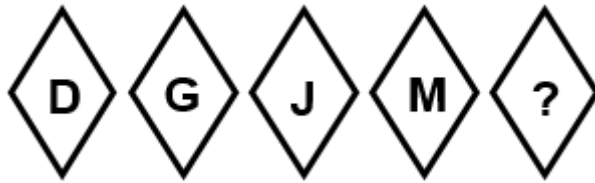
|             |               |
|-------------|---------------|
| a. Drinking | b. Dieting    |
| c. Fitness  | d. Restaurant |
  
2. Choose the musical instrument which is different from others:
 

|           |          |
|-----------|----------|
| a. Violin | b. Cello |
| c. Guitar | d. Piano |
  
3. Find the odd one out from the following:
 

|             |             |
|-------------|-------------|
| a. Cardamom | b. Turmeric |
| c. Sugar    | d. Clove    |
  
4. Which figure will replace the question mark (?)?



5. Which letter will come in last diamond?



- a. P  
b. Q  
c. O  
d. T
6. According to the solar system, the planets are arranged in the order given below. Find the next planet which will continue the order:

Sun  $\Rightarrow$  Mercury  $\Rightarrow$  Venus  $\Rightarrow$  Earth  $\Rightarrow$  Mars  $\Rightarrow$  ?

- a. Pluto  
b. Jupiter  
c. Saturn  
d. Neptune
7. Answer the question based on the given information.  
Eight friends went to the zoo. While entering the zoo, they were in a queue as shown below:  
If Hans and Laura interchange their positions, how many friends are there between Laura and Tim?



**Laura Julia Tim Leon Anna Karl Hans Kity**

- a. 2  
b. 3  
c. 5  
d. 4
8. In the following question, two words are given which are related to each other in a particular manner and you have to find the word from the given alternatives which bears the exactly same relationship to the third word, as the first two bear.

'Braille' is related to 'Blindness' in the same way as 'Sign language' is related to:

- a. Exceptional  
b. Touch  
c. Deafness  
d. Presentation
9. In the following question, some groups of letters are given, all of which except one, share a common similarity while one is different. Select the odd one out:

- a. KJG  
b. ZYV  
c. NMK  
d. FEB

10. Which number comes the least in the given series?

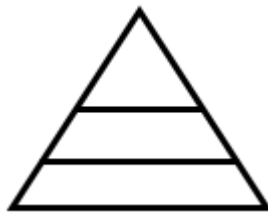
8 4 6 7 3 4 3 7 8 3 4 4 5 6 3 4 6 4 3 4 8

- a. 8
- b. 7
- c. 5
- d. 4

11. The national day of a country was celebrated on the 4th Saturday of a month. Find the date of celebration, if the first day of that month is Tuesday:

- a. 24<sup>th</sup>
- b. 25<sup>th</sup>
- c. 26<sup>th</sup>
- d. 27<sup>th</sup>

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



- a. 1
- b. 2
- c. 3
- d. 4

13. Find the next letter of the following series:

C D G H K L \_

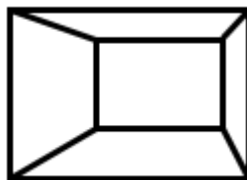
- a. O
- b. P
- c. N
- d. M

14. Select the related word from the given alternatives:

Butcher : Knife :: ? : Needle

- a. Boxer
- b. Ninja
- c. Tailor
- d. Housewife

15. How many rectangles are there in the given figure?



- a. 2
- b. 3
- c. 1
- d. 4

16. Which of the following words cannot be formed by using the letters of the word - "BOUNDARY"?

- a. Beyond
- b. Broad
- c. Urban
- d. Brand

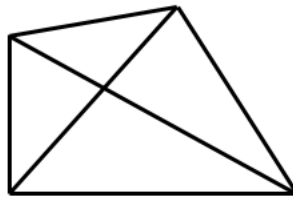
17. If tomorrow is Friday, what was two days before yesterday?

- a. Monday
- b. Sunday
- c. Tuesday
- d. Saturday

18. Which of the following words can be formed by using the letters of the word - "ABSORPTION"?

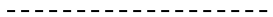
- a. Beside
- b. Abandon
- c. Santoor
- d. Band

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



- a. 5
- b. 2
- c. 4
- d. 3

20. Which of the following represents the correct water image of the given image?



- a.
- b.
- c.
- d.



27. In the following question, choose the correct mirror image from the alternatives, when mirror is placed on the dotted line:



28. If 27 March, 1995 was a Monday, then what day of the week was 1 November, 1994:

- a. Sunday
- c. Tuesday

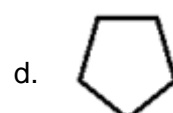
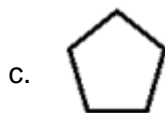
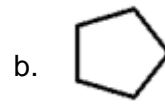
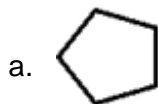
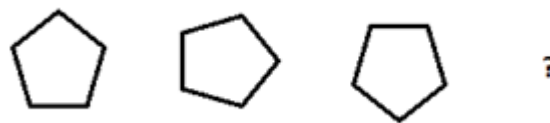
- b. Monday
- d. Wednesday

29. A solid cube is made using 64 small cubes. In how many small cubes, two sides are seen?

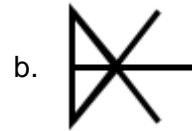
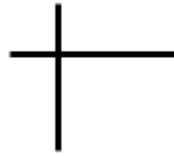
- a. 24
- c. 40

- b. 32
- d. 42

30. Select the missing figure in the following series:



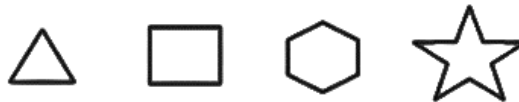
31. From the given figures, select the one in which the question figure is hidden/embedded:



32. Point A is 10 meters to the west of point B. Point D lies midway between point A and B. Point C lies towards the North West of point B and is equidistant from point A and B. In which direction is point C with respect to point D?

- a. North  
b. South  
c. East  
d. West

33. Which of the following sequence of numbers can be used to represent the given pattern?



- a. 3 5 6 4  
b. 3 4 6 5  
c. 6 5 4 3  
d. 6 5 4 3
34. A clock is kept horizontally on a table in such a manner that at 9PM, its hour hand was pointing towards West. In which direction will the hour hand point at 6AM?

- a. South  
b. North  
c. East  
d. West

35. Nick is standing towards the west of Sam who is standing towards the north of Sam. In which direction is Nick with respect to Sam?

- a. South West  
b. South East  
c. North-West  
d. North-West



## Answer Key

1. d   2. d   3. c   4. c   5. a   6. b   7. b   8. c   9. c   10. c  
11. c   12. c   13. a   14. c   15. a   16. a   17. a   18. c   19. c   20. d  
21. d   22. b   23. d   24. a   25. b   26. d   27. b   28. c   29. a   30. a  
31. c   32. a   33. b   34. a   35. c