



CREST Reasoning Olympiad (CRO)

Previous Year Paper (2023-24)

Class 3 (Set - A)

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 a total of **35 questions** in this booklet comprising **2 sections** 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 / Ball point pen (Blue / Black) 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, digital watches, etc. inside the examination hall.
- The use of unfair means may result in the cancellation of the exam. Any such instances must be reported at **+91-98182-94134** or **info@crestolympiads.com**

DO NOT OPEN THIS BOOKLET UNTIL ASKED TO DO SO

FILL IN THE DETAILS

Candidate Name: _____

Class: _____ Section: _____

CREST ID: _____

Logical Reasoning (Each Question is 1 Mark)

1. Which of the following is in the same category as 'Flood', 'Fire', 'Cyclone'?

- a. Winds b. Earthquake
c. Rain d. Accident

2. In the following question, three alternatives are same in a certain way out of four and so form a group. Find the one that does not belong to this group.

- a. Tomato b. Potato
c. Carrot d. Onion

3. In the following question, three alternatives are same in a certain way out of four and so form a group. Find the one that does not belong to this group.

- a. Sweet b. Sour
c. Salty d. Tasteless

4. In the English alphabet, which letter is 10th from right?

- a. P b. Q
c. R d. S

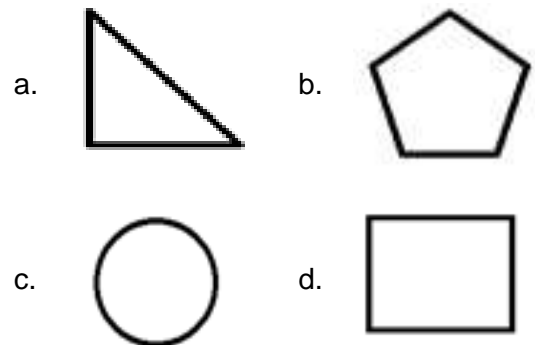
5. Which letter is 8th to the right of 7th letter from the left in the English alphabet?

- a. Q b. O
c. R d. S

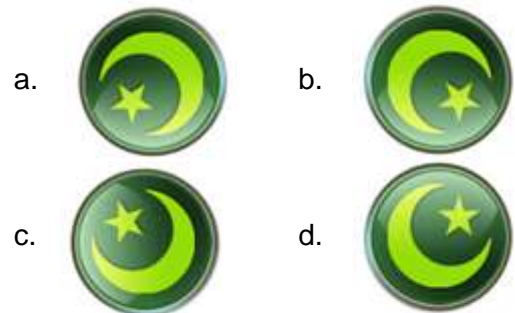
6. In a certain code language 'MADRAS' is written as 'DAMSAR', how can 'MUMBAI' be written in that code language?

- a. BAIUMM b. MUMIAB
c. IABMUM d. MBIAUM

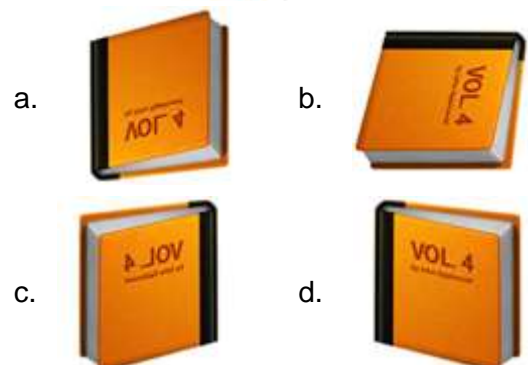
7. Choose the odd one out.



8. Which of the following will be the correct water image of the given figure?



9. Which of the following will be the correct mirror image of the given figure?



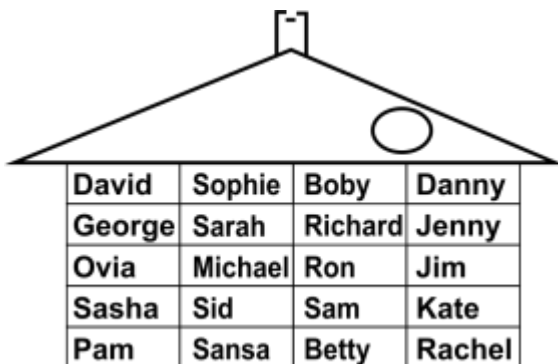
10. If Triangle : Three, then Square : ?

- a. Two
- b. Four
- c. Five
- d. Six

11. If Human : House, then Bird : ?

- a. Air
- b. Wings
- c. Tree
- d. Sparrow

12. In the following figure, each block represents a room and the name represents the person living in that room. Whose room is second to the left of Sam's room?



- a. David
- b. Ovia
- c. Sid
- d. Sasha

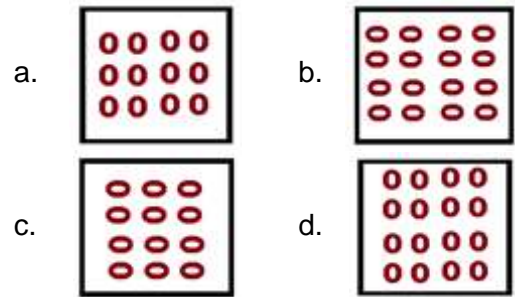
13. If Sugar : Sweet, then Green Chili : ?

- a. Sour
- b. Bitter
- c. Salty
- d. Green

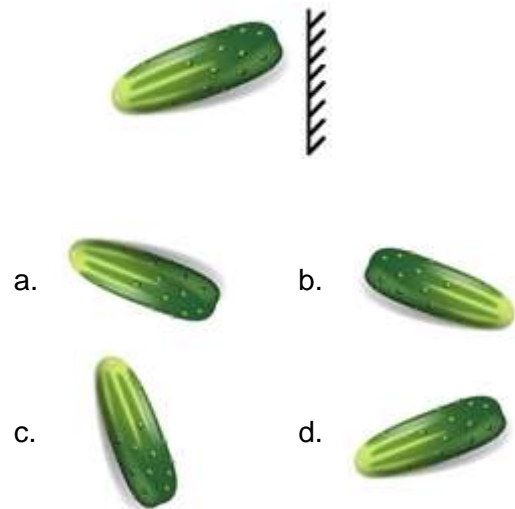
14. Michael runs faster than Rahul. Rahul runs slower than Rohan. Who runs the fastest among them?

- a. Michael
- b. Rohan
- c. Rahul
- d. Cannot be determined

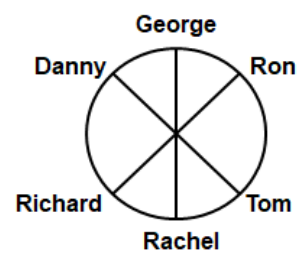
15. Ron's tray has four rows of burgers with three burgers in each row, which of the following represents Ron's tray (A row is a number of items in horizontal line)?



16. Which of the following will be the correct mirror image of the given figure?



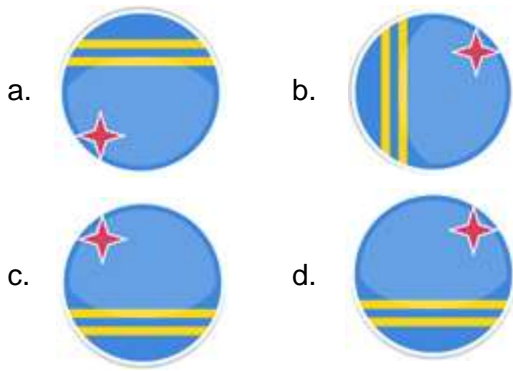
17. The following figure shows six persons sitting around a circular table facing centre of the table. Who sits third to the right of Tom?



- a. Ron
- b. Danny
- c. Richard
- d. George

18. Which of the following will be the correct mirror image of the given figure?

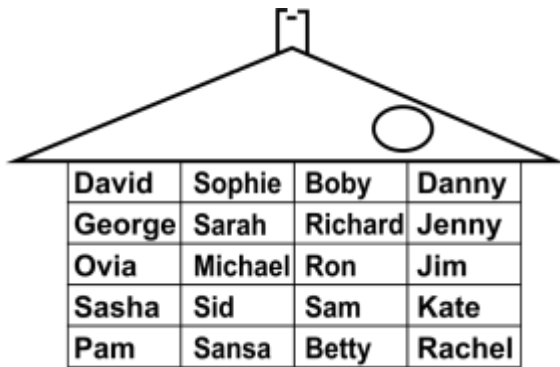




19. If Sun : Day, then Moon : ?

- a. Night
- b. Stars
- c. Dark
- d. Noon

20. In the following figure, each block represents a room and the name represents the person living in that room. Whose room is third to the right of David's room?



- a. Danny
- b. Jenny
- c. Jim
- d. George

21. The following figure shows the time-table of Dimple. What happens after Dimple reaches home?

Time	Activity
8 AM to 10 AM	Goes School
10 AM to 11 AM	Gymnastics
11 AM to 12.30 PM	Returns Home
12.30 PM to 1 PM	Watches TV
1 PM to 2 PM	Lunch
2 PM to 4 PM	Maths Tutition
4 PM to 7 PM	Dance Class

- a. Dimple eats her lunch
- b. Dimple attends her Maths Tutition
- c. Dimple watches TV
- d. Dimple attends her Dance class

22. Which of the following parameters is same for the given figures?



- a. Shape
- b. Shape and colour
- c. Colour
- d. Size and shape

23. In a certain code language, CAT is written as TAC, HELLO is written as OLLEH, then in the same code BABY will be written as:

- a. YABB
- b. YBBA
- c. YBAB
- d. BYBA

24. Find the next figure of the following series.



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

25. If Read : Story, then ? : Song

- a. Call
- b. Sing
- c. Music
- d. Lyrics

Achievers' Section (Each Question is 2 Marks)

26. Four boxes labelled A, B, C and D are kept one above the other but not necessarily in the same order. There are two boxes above box C. Box D is kept below box C. Box B is kept above box A. Which of the following boxes is kept at the top?

- a. B b. A
c. C d. D

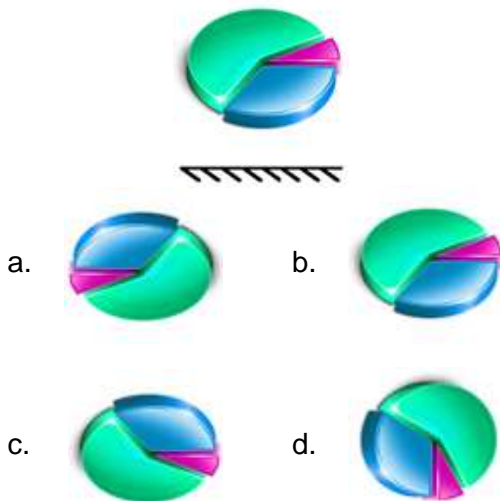
27. There are four friends viz. Daffy, Tom, Jerry and Mickey. Jerry is heavier than Daffy. Mickey is lighter than Tom. Mickey is heavier than Jerry. Who is the lightest?

- a. Jerry b. Tom
c. Mickey d. Daffy

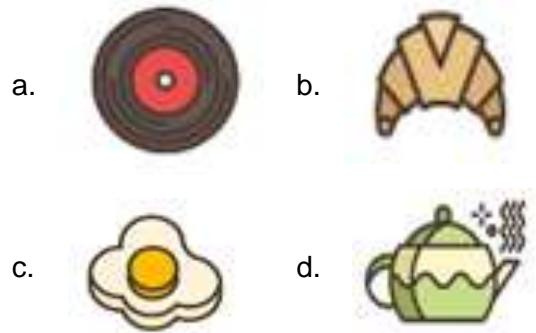
28. If all the letters of the word "JUSTICE" are arranged in alphabetical order from left to right, then which of the following letter will be third from the left end?

- a. S b. J
c. E d. I

29. Which of the following will be the correct water image of the given figure?



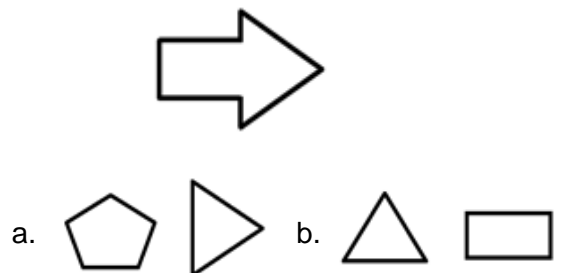
30. Start from the object highlighted in shaded colour, first go two blocks east, then go three blocks north, then go one block east. Where do you end up?

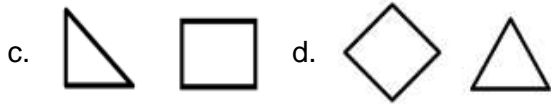


31. If all the letters of the word "SPARROW" are arranged in alphabetical order from left to right, then which of the following letter will be second from the right end?

- a. A b. S
c. R d. P

32. Which two pieces of paper when put together will make the given shape?

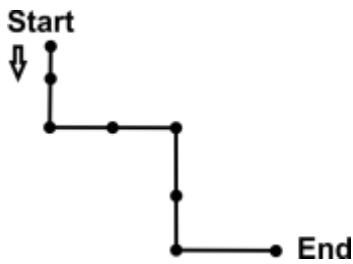




33. If $2 + C = 7$, $B \times 3 = 6$, then $C + B = ?$

- a. 7 b. 5
c. 4 d. 10

34. If letter N represents North, E represent East, W represents West and S represents South and dots represents the number of steps, then find the code for the path given below.



- a. S2E2S2E1 b. S3E2N2E1
c. N2E3S2W1 d. S2W2S2W1

35. Sania started walking towards South. She took a right turn after walking 5 m. She again took a left turn after walking 2 m. In which direction is she facing now?

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

Answer Key

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