



CREST Reasoning Olympiad (CRO)

Sample Paper

Pattern and Marking Scheme

Grade	Topic/Section	No. of Questions	Marks per Question	Total Marks
Grade 1	Logical Reasoning	25	1	25
	Achiever's Section	10	2	20
Grand Total		35		45

The total duration of the exam is 60 minutes.

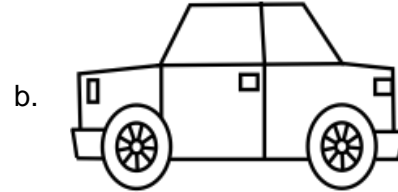
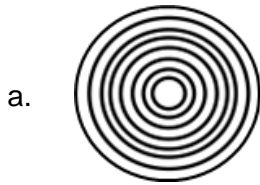
Syllabus

Section 1: Analogy, Geometrical Shapes, Grouping of Figures, Embedded Figures, Odd One Out, Pattern, Measuring Units, Ranking Test, Spatial Understanding.

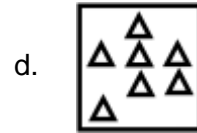
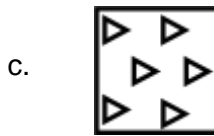
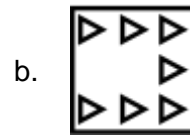
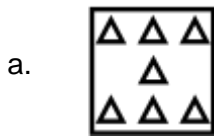
Achievers Section: Higher Order Thinking Questions - Syllabus as per Section 1

For more details, visit <https://www.crestolympiads.com/reasoning-olympiad-cro>

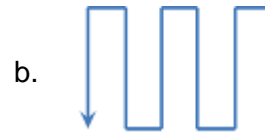
4. There is a certain relationship between the pair of figures given on either side of (::). Identify the relationship of the given pair and find the matching term.



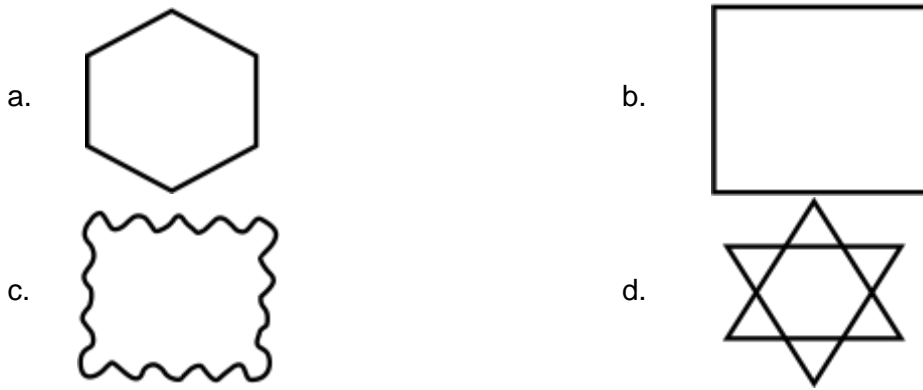
5. Find the odd one out from the given options:



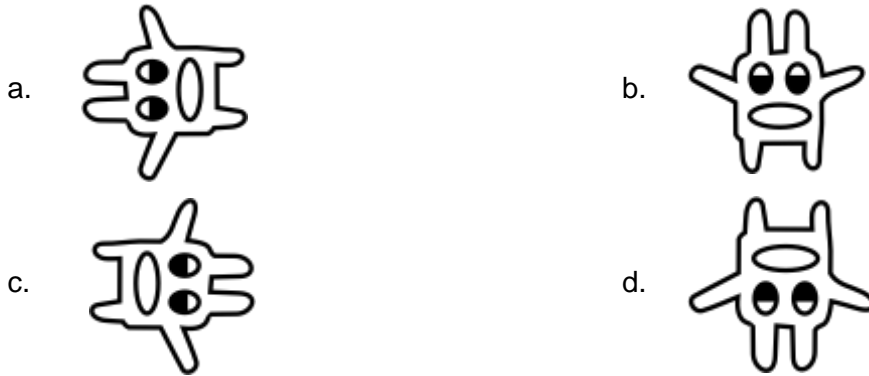
6. Find the odd one out from the given options:



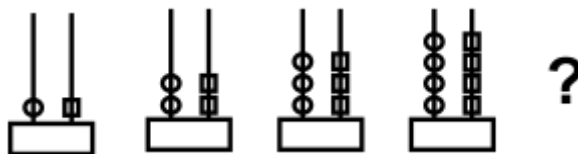
7. Find the odd one out from the given options:



8. Which figure/pattern/shape comes next?



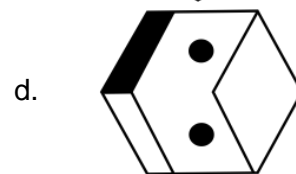
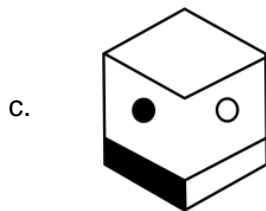
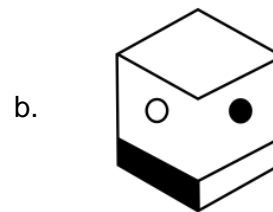
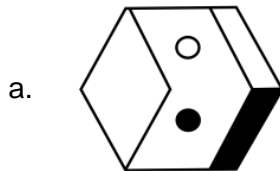
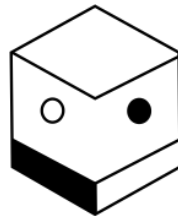
9. Which figure/pattern/shape comes next?



10. Which object is same as the given figure?



11. Which object is same as the given figure?



12. Choose the odd one out from the objects given below:





13. Which among the following will you select to complete the pattern?



14. If it's your birthday and mother has prepared pancakes, then what according to you is the shape of the pancake?

- a. Rectangle
- c. Circle

- b. Triangle
- d. Oval

15. What is the position of the pumpkin from the right?



- a. Forth
- c. Second

- b. Fifth
- d. First

16. Which among the following objects is at the second position from the left?



- a. Onion
- c. Sun

- b. Elephant
- d. Parrot

17. Which group does figure X belong to?

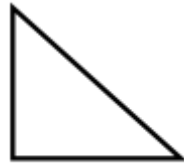
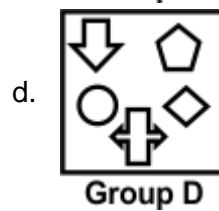
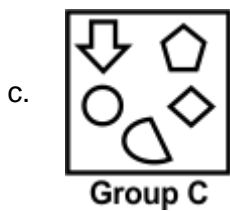
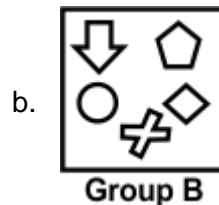
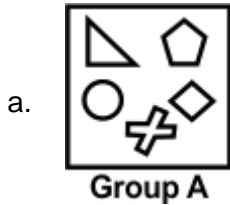
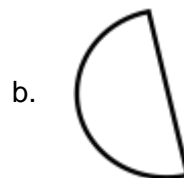


Figure X



18. Which of the following looks like a sphere?



19. Find the odd one out:

School, College, University, Library, Classroom, Playground

- a. University
- c. Classroom

- b. Playground
- d. Library

20. What comes next in the following pattern?



21. The person who design buildings, houses and other construction work is known as an Architect. The person cooks food will be known as _____.


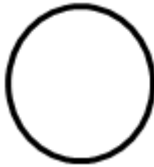
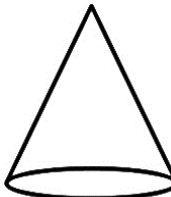
- a. chef
- b. writer
- c. sculptor
- d. engineer

22. It was raining heavily while returning home from school. Which among the following will you use?

- a. Raincoats
- b. Sweaters
- c. Goggles
- d. Watches

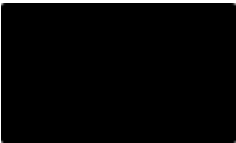

23. Given below is an object. Which among the following matches with the given object?



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

24. Given below is an image. Which among the following figure is related to the given image?



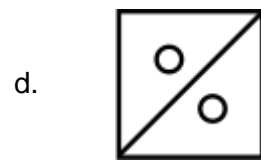
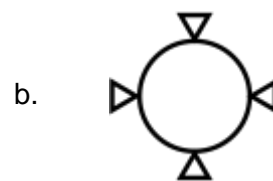
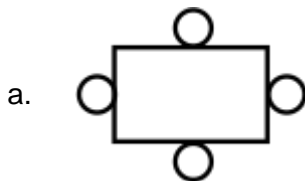
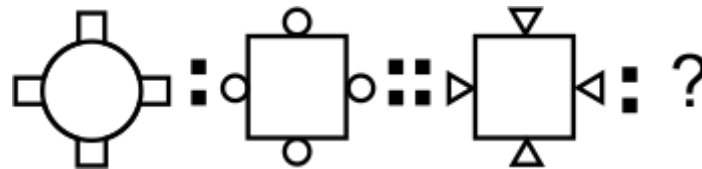
- a. 
- b. 
- c. 
- d. 

25. Which one among the following has 3 sides?



Achiever's Section (Each Question is 2 Marks)

26. There is a certain relationship between the pair of figures given on either side of (::). Identify the relationship of given pair and find the matching term.



27. Select one among the following that will complete the given sequence:

a z b y c x ?



28. Molly and Arya had pets. Every evening they would take their pets out for a walk. However, Molly had a puppy which is the young one of the dog and Arya had a young one of the cat. What according to you is the young one of a cat called?

- a. Kitten
- b. Toad
- c. Cub
- d. Calf

29. Rachel needs _____ \$2 and _____ \$1 coin to buy an ice-cream of \$9.

- a. three, two
- b. two, four
- c. four, two
- d. four, one

30. Find the odd one out:

Women, Lady, Male, Feminine, Girl, Female

- a. Male
- b. Girl
- c. Feminine
- d. Lady

31. Which among the following will replace the question mark?

1 2 3, 6 3 9, 4 4 8, ?

- a. 6 7 11
- b. 1 5 7
- c. 3 4 7
- d. 5 2 8

32. If there are 11 students in a group project and your position is 6th from the start, then what is your position from the last?

- a. 4th
- b. 5th
- c. 6th
- d. 7th

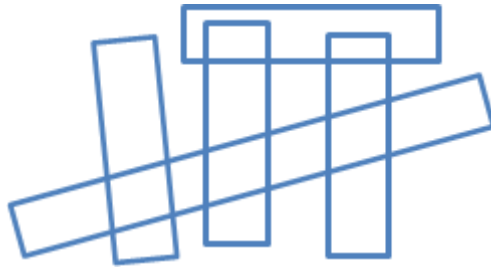
33. Tom was having boiled eggs and an omelette for breakfast. What according to you is the shape of the omelette and that of the egg?

- a. Egg is circle and omelette is circle.
- b. Egg is oval and omelette is square.
- c. Egg is oval and omelette is circle.
- d. Egg is circle and omelette is oval.

34. Nora has 10 chocolates. She gives 2 chocolates to Peter and 2 to Susan. Rachel gives Nora 5 chocolates. How many chocolates does Nora have?

- a. 10
- b. 11
- c. 12
- d. 13

35. How many rectangles can you find in the given figure?



- a. 4
- c. 6

- b. 5
- d. 7

Answer Key

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