CREST Reasoning Olympiad (CRO)
Sample Paper

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

The total duration of the exam is 60 minutes.
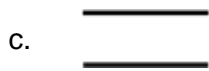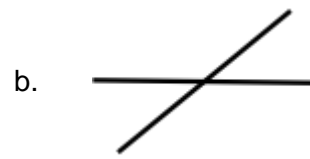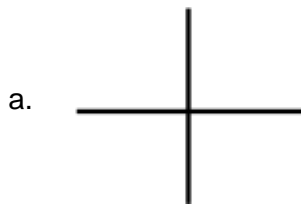
Syllabus

Section 1: Analogy, Coding and Decoding, Geometrical Shapes, Embedded Figures, Odd One Out, Pattern, Measuring Units, Grouping of Figures, Ranking Test, Series Completion.

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

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

1. Choose the odd figure.

a.

b.

c.

d.
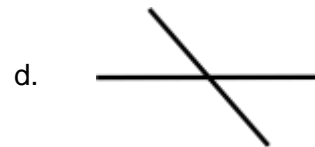
2. What comes next in the series given below?

?

a.

b.

c.

d.
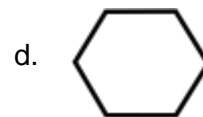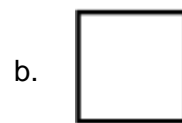
3. Which shape or pattern belongs to the given group of shapes?

a.

b.

c.

d.

4. Complete the pattern by choosing the correct figure.

a.

b.

c.

d.
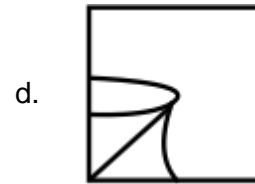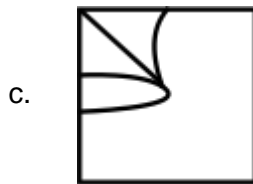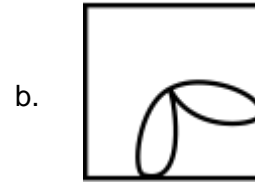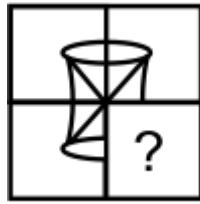
5. Find the missing alphabets.

E	F	G	H
D	E	F	G
C	?	E	?
B	C	D	E

a. B, D

b. A, C

c. E, G

d. D, F

6. How many straight lines are there in below figure?

a. 4

b. 5

c. 6
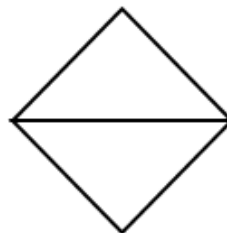
d. 7

7. Which pattern completes the second pair in the same way as first pair?

a.

b.

c.

d.
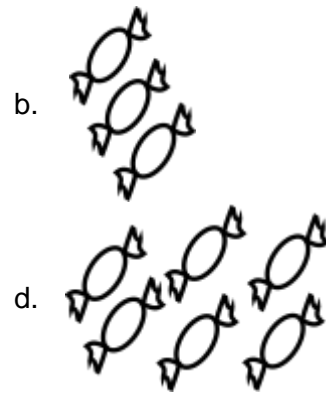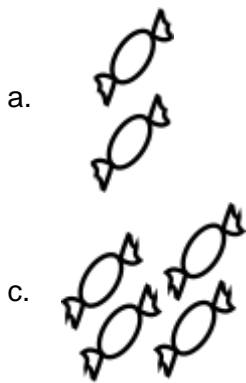
8. Complete the second pair in the same way as the first pair.
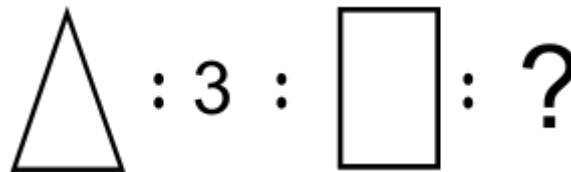
a. 1
c. 3

b. 2
d. 4

9. From the following options, select the one which is part of the question figure.

a.

b.

c.

d.
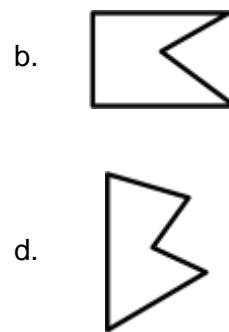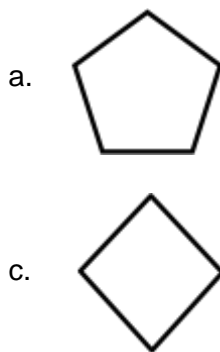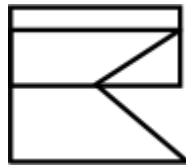
10. Kevin bought some rice from the market. Which of the following could be the possible quantity of rice he bought?

a. 7 kilograms
c. 2 metres

b. 3 liters
d. 6 degrees

11. Three of the given figures are identical in a certain way. Choose the one that is different from the rest.

a.

b.

c.

d.

12. From the following options, select the one which is part of the question figure:

a.

b.

c.

d.

13. Select the odd one out from the given options.

a. Wheel

b. Bicycle

c. Car

d. Scooter

14. Select the odd one out from the given options.

a. Cricket

b. Hockey

c. Football

d. Boxing

15. Find the missing number in the following series:
5, 7, 9, ?

a. 11

b. 12

c. 13

d. 14

16. Correct is to wrong, as Good is to _____.

    a. nice   b. excellent

    c. bad   d. fine

17. Laugh is to smile, as greet is to _____.

    a. angry   b. joy

    c. goodbye   d. welcome

18. Three of given figures are identical in a certain way. Choose the one that is different from the rest.

a.

b.

c.

d.

19. April is to 30, as August is to _____.

    a. 29   b. 30

    c. 31   d. 40

20. Find the missing number in the following series:
1, 10, 100, ?

    a. 1000   b. 1100

    c. 11100   d. 10000

21. How many rectangles are there in the given figure?
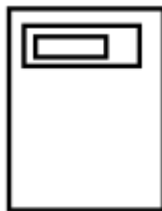
    a. 1   b. 2

    c. 4   d. 3

22. Which of the following quantity denotes the longest distance?

    a. 980 metres   b. 1000 centimetres

    c. 3300 metres   d. 7.3 kilometres

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

a. 3

b. 2

c. 1

d. 0

24. Select the odd one out from the given options.

a. Rice

b. Wheat

c. Meat

d. Corn

25. April is to month, as Friday is to _____.

a. holiday

b. day

c. good

d. week

Achiever's Section (Each Question is 2 Marks)

26. How many more cups are required, if we form 4 groups of 4 cups using the given cups?

a. 2

b. 1

c. 4

d. 6

27. Sara, Rachel, Mike and Sam are four friends. Each of them has a different height. Mike is shorter than Sam. Neither Sam nor Rachel is the tallest. Who among them is the tallest?

a. Sara

b. Mike

c. Sam

d. Rachel

28. Find the next figure in the following pattern:

a.

b.

c.

d.

29. In a certain code, SOAP is written as OSPA, FADE is written as AFED, then NICE will be written as:

a. INEC   b. ICEN
c. CIEN   d. ICNE

30. There are four friends viz. Ana, Bob, Cathy and David. Ana is the second tallest. Bob is taller than Cathy. Bob is not the tallest. Who is the shortest?

a. David   b. Ana
c. Cathy   d. Bob

31. Choose the odd pair of letters:

a. BD   b. CE
c. FH   d. NL

32. The given series follows a pattern, identify the pattern and find the next element:
September, eptember, eptembe, ptembe, ptemb, ?

a. emb   b. temb
c. ptem   d. tem

33. There are four friends viz. Bob, Austin, Kevin and Richard. Kevin is heavier than Bob. Richard is lighter than Austin. Richard is heavier than Kevin. Who is the lightest?

a. Kevin   b. Austin
c. Richard   d. Bob

34. In a certain code language, "GAME" is written as "EMAG", "CRICKET" is written as "TEKCIRC". Then "HOCKEY" will be written as:

a. YEKCOH   b. KEYHOC
c. YECKOH   d. YEOCKH

35. Find the missing number in the following series:
12, 17, 22, ?

a. 27   b. 26
c. 25   d. 28

Answer Key

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