CREST Mathematics Olympiad (CMO)
Sample Paper

Pattern and Marking Scheme				
Grade	**Topic/Section**	**No. of Questions**	**Marks per Question**	**Total Marks**
Grade KG	Practical Mathematics	20	1	20
	Achiever's Section	5	2	10
Grand Total		**25**		**30**

The total duration of the exam is 60 minutes.

Syllabus

Section1: Basic Concepts on Comparison (Big-Small, Front-Back, Full-Empty, Heavy-Light, In-Out, More-Less, Right-Left, Same-Different, Tall-Short, Thick-Thin, Top-Bottom)
Numbers (Number names (1-50), Before, After, Between Numbers (1-20), Skip Counting (2 and 5))
Playing Numbers (1-digit addition and subtraction, Putting Signs like \'>\', \'<\' and \'=\')
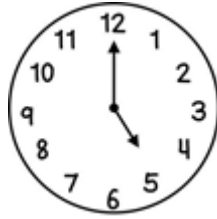Time (Days of a week, Months in a year)
Shapes (Square, Rectangle, Triangle, Circle, Oval, Sphere, Cone, Cube, Cylinder)

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

For more details, visit https://www.crestolympiads.com/maths-olympiad-cmo

1. What is the time on the given clock?

a. 4:00   b. 5:00

2. Add the numbers:

19 + 4

a.   b.

3. What is the name of the given image?

a. Circle   b. Cone

4. How many months are there in a year?
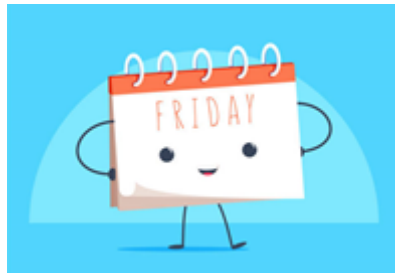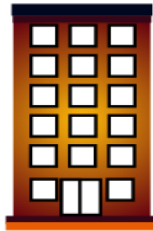
a.   b.

5. Fill in the blank:

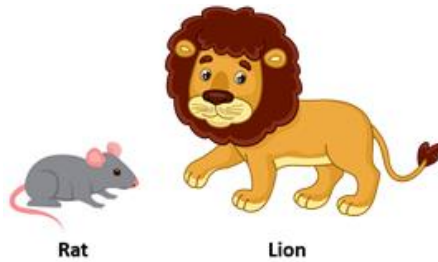_____ comes before Friday.

a. Thursday

b. Saturday

6. How many windows are shown in the picture?

a. 14

b. 17

7. Identify the small animal:

Rat   Lion

a.

b.

8. Find the difference:

a.

b.

9. Find the sum of the next two numbers in the patterns:

a. **13**

b. **14**

10. What is the shape of the given chocolate bar?

a.

b.

11. Count the number of apples in the given picture:

a. 20

b. 21

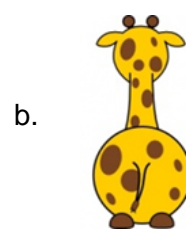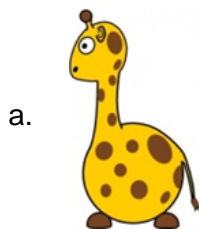**12.** Fill in the blank:

_____ comes before October.

a. November

b. September

13. Complete the given series:

12 **?** 14 15

a. 11

b. 13

14. Which one is the back image of the given image:

a.

b.

15. Identify the bird which is facing towards right:

a.

b.

16. Which sign should be used in place of '?':

15 **?** 15

a. =

b. >

17. Identify the circle:

a.

b.

18. Which number is given in the image?

a. Six

b. Seven

19. What is the shape of the given image?

a. Tricircle

b. Triangle

20. How many pineapples are seen in the picture below?

a. One

b. Zero

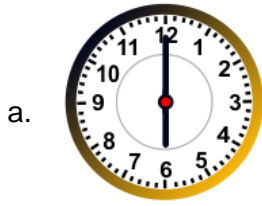## Achiever's Section (Each Question is 2 Marks)
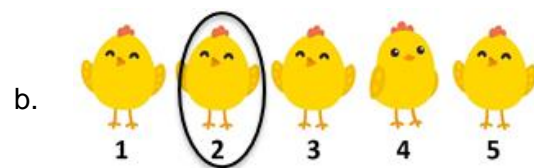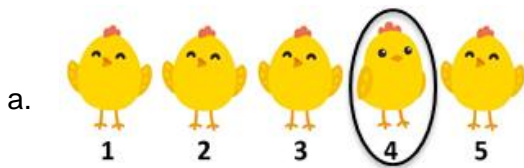
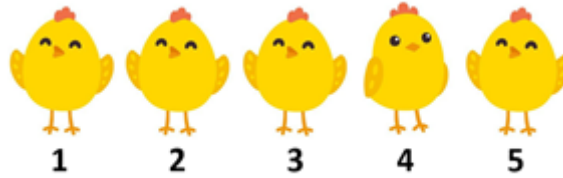**21.** Find the missing number:

a.

b.

22. Which clock indicates 6:00?

a.

b.

23. Find the chick which is different from others:

a.

b.

24. Complete the series:

—, —, , ,

a.

b.

25. How many trees have apples in the image below?
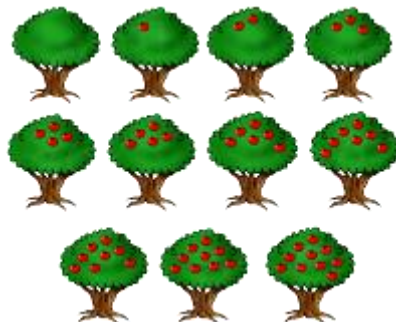
a. 10

b. 11

Answer Key

1. b	2. a	3. b	4. a	5. a	6. b	7. b	8. a	9. b	10. b
11. b	12. b	13. b	14. b	15. a	16. a	17. b	18. a	19. b	20. b
21. a	22. a	23. a	24. a	25. a					