

# SWO International Mathematics Olympiad 2021-22

## Class II

**Questions: 20**

**Time Duration: 30 Minutes**

There are 4 Sections- 5 Questions in Section-1, 5 Questions in Section-2, 5 Questions in Section-3, 5 Questions in Section-4.

### SET A

#### Section-1-( Spatial Understanding and Measuring Units)

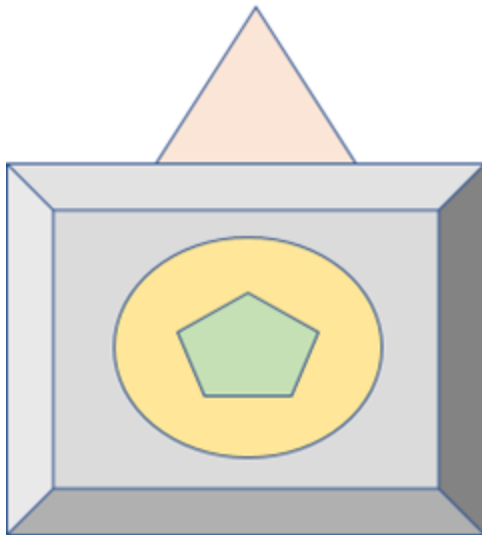
1. What comes before fifteen?

- a. Twelve
- b. Thirteen
- c. Fourteen
- d. Sixteen

(c)

2. Choose the correct option:

The Circle is \_\_ the square.



- a. Outside
- b. Inside
- c. Below
- d. None of these

(b)

3. The birds are flying \_\_\_ the cloud.



- a. Under
  - b. Above
  - c. Beside
  - d. None of these
- (a)

4. Which of the following is the shortest?

- a. Paintbrush
  - b. Door
  - c. Pencil
  - d. Scale
- (c)

5. If the weight of 6 oranges is equal to 4 apples. Then weight of 12 oranges will be equal to

- a. 6 apples
  - b. 12 apples
  - c. 8 apples
  - d. 10 apples
- (c)

### **Section-2- (Geometrical Shapes)**

6. What is a line segment?

- a. Line with two end points
  - b. Line which has no ends
  - c. Line which has one end point
  - d. Line which is not straight
- (a)

7. How many corners are there in a pyramid?

- a. 8
- b. 6

- c. 4
- d. 5 (d)

8. How many edges are there in a prism?

- a. 5
- b. 9
- c. 6
- d. 8 (b)

9. How many faces are there in a cuboid?

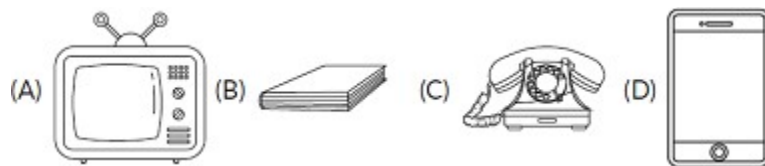
- a. 6
- b. 8
- c. 9
- d. 7 (a)

10. What is a vertex?

- a. Vertex is a corner
- b. Vertex is a point where 3 or more edges meet
- c. Both a and b
- d. None of the above (b)

### Section 3- (Odd One Out)

11. Pick the odd ones out based on shape, nature, color, size, difference, quantity etc



(b)

12. Choose the odd number.

- a. 2
- b. 4
- c. 5
- d. 6 (c)

13. Choose the odd option.

- a. 9-4

- b. 6-1
  - c. 8-3
  - d. 7-1
- (d)

14. Circle the odd one out in the following.

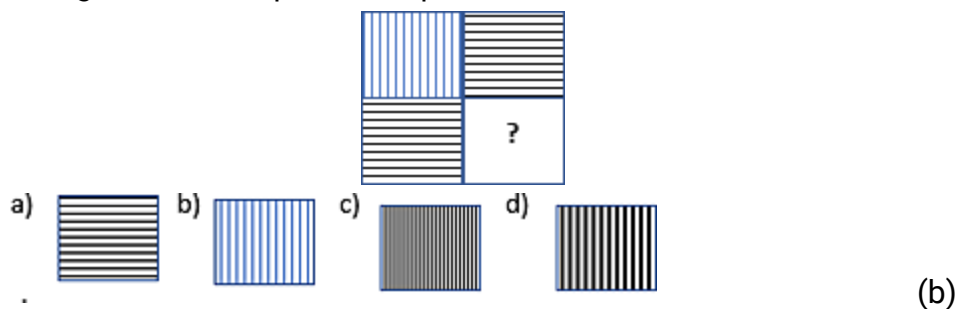


15. Choose the odd option.

- a.  $4+1$
  - b.  $2+3$
  - c.  $3+2$
  - d.  $3+3$
- (d)

#### Section 4- (Patterns)

16. Identify the figure that completes the pattern.



17. If there are 8 elephants, how many ears are there in all?

- a. 16
  - b. 14
  - c. 13
  - d. 12
- (a)

18. Ruby has 6 dollars. How many more dollars does she need to have 10 dollars in all?

- a. 8
  - b. 3
  - c. 2
  - d. 4
- (d)

19.

$$6 + \underline{\quad} = 9$$

- a. 2
- b. 4
- c. 3
- d. 6

(c)

20. Ann had 4 apples. She cut each apple into 5 slices. Each slice had 3 seeds in it. How many seeds in all?

- a. 40
- b. 50
- c. 60
- d. 80

(c)