

SWO International Mathematics Olympiad 2021-22

Class 4th

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.

Section 1- (Shapes & Space, Numbers, Length and Time)

1. Distance from Mumbai to Pune can be measured in

- a. cm
 - b. m
 - c. km
 - d. None of the above
- (c)

2. $215\text{ m} = \underline{\hspace{1cm}}\text{ cm}$

- a. 20,000
 - b. 21,000
 - c. 21,500
 - d. 20,500
- (c)

3. $99\text{ km} = \underline{\hspace{1cm}}\text{ m}$

- a. 99,000
 - b. 98,000
 - c. 97,000
 - d. 96,000
- (a)

4. Solve: $533 - 241 + 185$

- a. 577
 - b. 677
 - c. 777
 - d. 477
- (d)

5. 9:40 pm in 24 hour clock time is

- a. 9:40

- b. 22:40
- c. 21:40
- d. 23:40 (c)

Section 2- (Multiplication, Capacity and Circles)

6. Find the diameter of the circle whose radius is 4 cm.

- a. 16cm
- b. 8 cm
- c. 14 cm
- d. 12 cm (b)

7. 135 multiplied by 4 is equal to

- a. 340
- b. 440
- c. 540
- d. 640 (c)

8. Three large mugs of soup, each holding $\frac{1}{2}$ liter is poured into a vessel. How much soup is poured into the vessel?

- a. 1 liter 500 ml
- b. 1 liter 700 ml
- c. 2 liters 500 ml
- d. 2 liters 700 ml (a)

9. How many 50 ml measures of water will fill a 1 liter measure?

- a. 20
- b. 30
- c. 40
- d. 50 (a)

10. Which is the longest chord of a circle?

- a. Radius
- b. Diameter
- c. Perimeter
- d. Chord (b)

Section 3 - (Fractions, Patterns and Division)

11. How many thirds are there in a whole?

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

12. There are 12 flowers in a pot. Mohit wants to take $\frac{1}{2}$ of the flowers. How many flowers will he take?

- a. 6
 - b. 5
 - c. 4
 - d. 3
- (a)

13. Eight persons planted 488 trees. How many trees did each person plant?

- a. 61
 - b. 71
 - c. 81
 - d. 91
- (a)

14. Complete the pattern: 118, 128, 138, __

- a. 158
 - b. 168
 - c. 178
 - d. 148
- (d)

15. 274 books are packed equally in 2 bundles. How many books are packed in each bundle?

- a. 140
 - b. 150
 - c. 137
 - d. 147
- (c)

Section 4- (Perimeter and Weight)

16. Ramesh has 1 kg of salt. He wants to put them into smaller packets of 200 g each.

How many packets will she need?

- a. 4
- b. 6
- c. 3
- d. 5

(d)

17. Is the cost of 1 kg of potatoes is Rs 12. What is the price of 1/2 kg of potatoes?

- a. 3
- b. 4
- c. 5
- d. 6

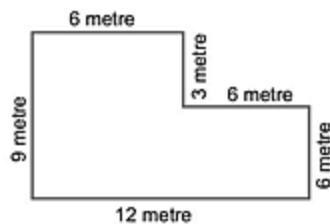
(d)

18. You have a packet of sugar that weighs 500 g. How many such packets would you need to make 5 kg?

- a. 10 packets
- b. 9 packets
- c. 8 packets
- d. 7 packets

(a)

19. Find the perimeter:

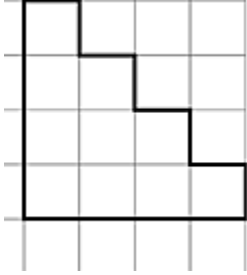


Boundary = _____ metres

- a. 43 m
- b. 44m
- c. 45 m
- d. 42 m

(d)

20. Find the boundary of the given figure. The squares are 1cm:



- a. 12 cm
- b. 13 cm
- c. 10 cm
- d. 9 cm

(c)