



World Mathematics Olympiad (WMO)

Standard: V

Instructions:

*There are three Sections and total 30 questions.
Attempt all the questions.
There is no negative marking for the wrong answers.
Time: 90 minutes*

Doers Section

No. of Questions:22
Marks for each question: 3

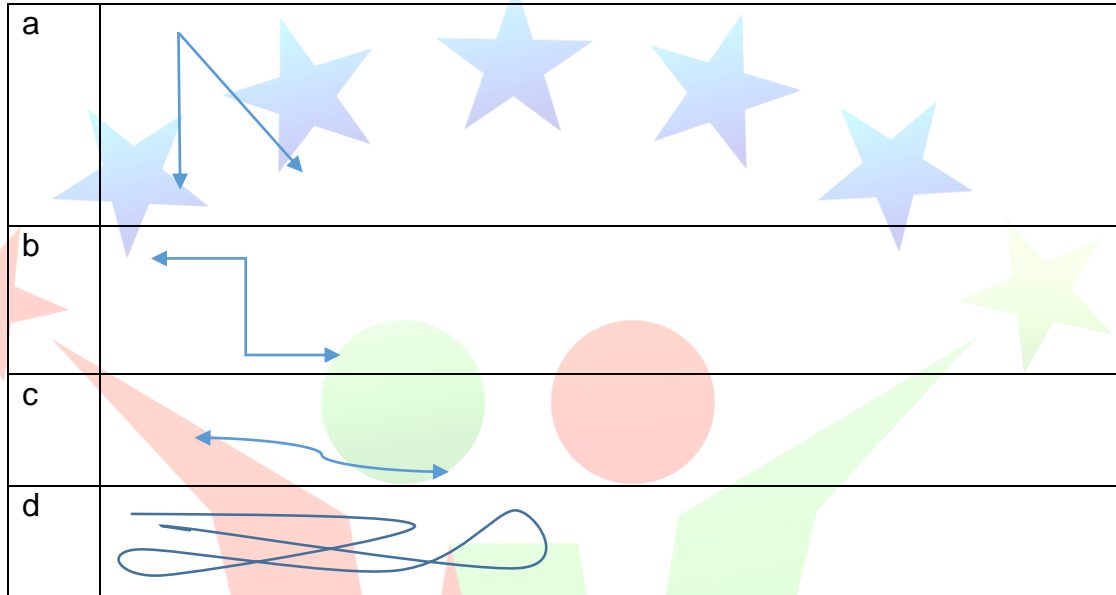
- Which is the smallest six digits number
 - 100000
 - 999999
 - 100001
 - 199999
- What is the sum of the smallest four digits number and the largest six digits number be made
 - 10999
 - 1099
 - 99999
 - 10876
- $(8 \times 25) + 200$ is
 - 0
 - 1
 - 400
 - 925
- Arrange the following numbers in ascending order:
50520, 50250, 50530, 50205.
 - 50250, 50530, 50205, 50520
 - 50520, 50250, 50530, 50205
 - 50205, 50250, 50520, 50530
 - 50530, 50205, 50250, 50520

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5. 1111×1111 is
- 1234321
 - 1100011
 - 1001010
 - 2102101

6. Which diagram has a right angle?



7. Which is not a currency?

- Yen
- Dollar
- Pound
- Chilli

8. A square field has one side of 8m. What will be the total area of the field?

- 64 m^2
- 16 m^2
- 32 m^2
- Cannot say

9. 189,221 rounded off to the nearest ten thousand is

- 200,000
- 190,000
- 189,200
- 189,300

10. $\frac{1}{4}$ of a year is

- a. 4 months
- b. 6 months
- c. 3 months
- d. 9 months

11. $\frac{7}{1000}$ is

- a. 0.0070
- b. 0.0007
- c. 0.0700
- d. 0.7000

12. 5 m is the same as

- a. 500 cm
- b. 5000 cm
- c. 500 mm
- d. 0.5 km

13. The smallest multiple of a number is

- a. Number itself
- b. 1
- c. 0
- d. 11

14. Choose the largest number

- a. -19
- b. -25
- c. 0
- d. 12

15. 90 minutes past 2.15 pm is

- a. 2.45 pm
- b. 4.0 pm
- c. 4.15 pm
- d. 3.45 pm



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16. A shopkeeper bought 3 dozen of bananas for Rs. 144. What was the cost of 4 bananas?

- a. Rs 20
- b. Rs 18
- c. Rs 16
- d. Rs 12

17. Find the next number

19, 24, 29, 34, -----

- a. 38
- b. 39
- c. 40
- d. 41

18. Choose the odd one out

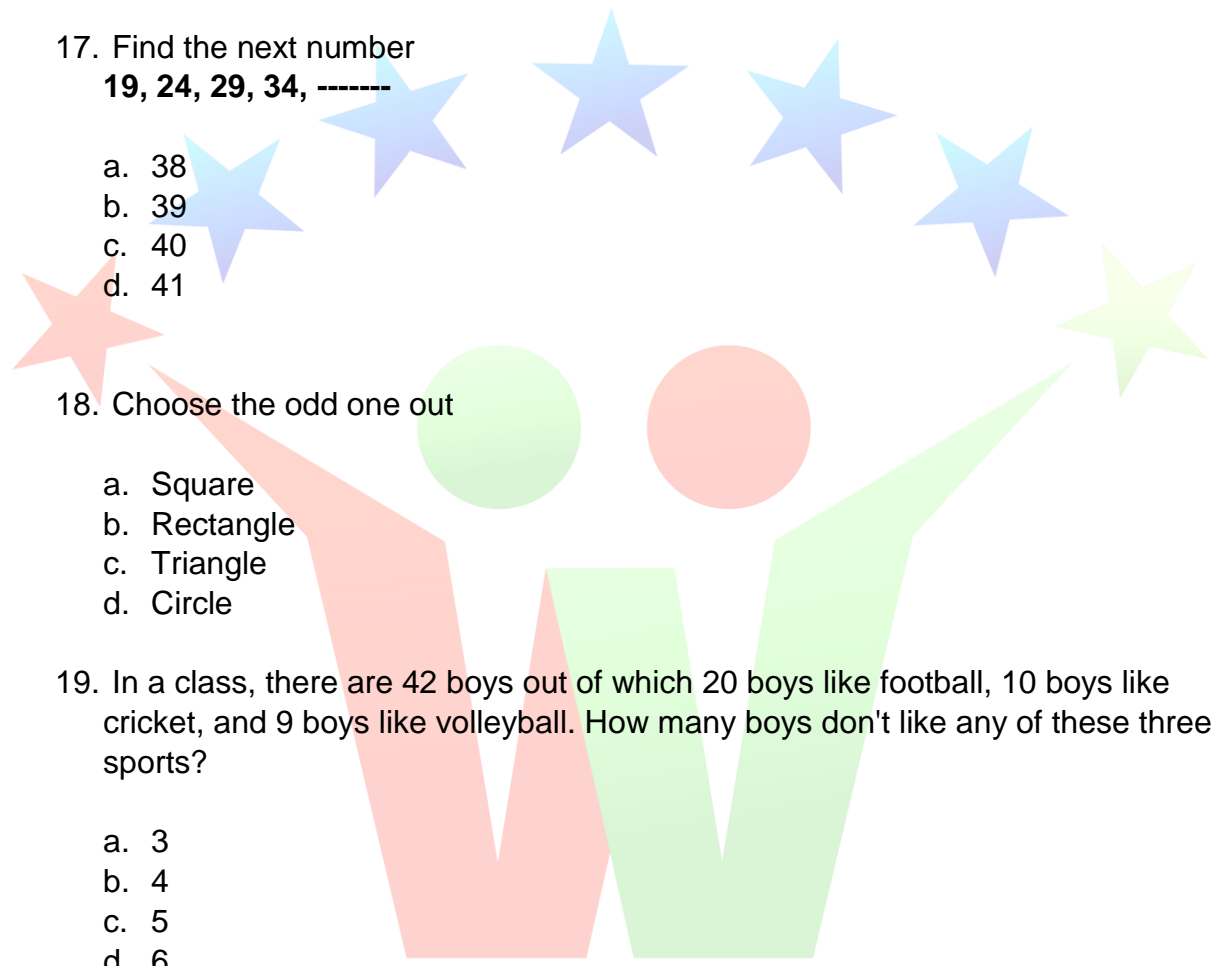
- a. Square
- b. Rectangle
- c. Triangle
- d. Circle

19. In a class, there are 42 boys out of which 20 boys like football, 10 boys like cricket, and 9 boys like volleyball. How many boys don't like any of these three sports?

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

20. Peter walks 5 km in a day and John walks three and half times of distance in a day as compared to peter. How much distance they can cover together in a day?

- a. 10.5 km
- b. 22.5 km
- c. 12.5 km
- d. 15.0 km



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21. L C M of 15, 20, 25 is

- a. 250
- b. 300
- c. 350
- d. 400

22. Product of 25, $3x$ and $2y$ is

- a. $150 x+y$
- b. $150 xy$
- c. $25+3x+2y$
- d. $25+ 6xy$

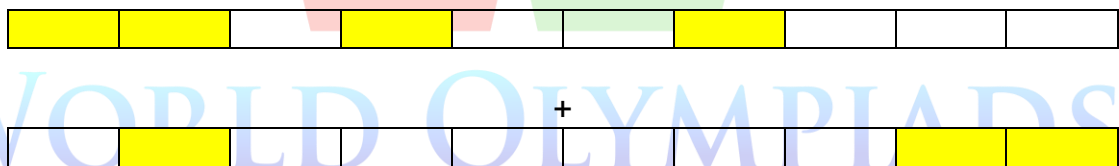
Executors Section

No. of Questions: 6
Marks for each question: 4

23. Wire fencing is to be provided around a rectangular field of the length 12 m and breadth 8 m. how much wire will be required to fence the area twice?

- a. 40 m
- b. 80 m
- c. 100 m
- d. 120 m

24. What is the addition of the shaded portion?



- a. $\frac{7}{10}$
- b. $\frac{4}{10}$
- c. $\frac{6}{10}$
- d. $\frac{7}{20}$

25. Convert 986.345 to a fraction

- a. $\frac{986345}{10000}$
- b. $\frac{986345}{1000}$
- c. $\frac{986345}{1000000}$
- d. $\frac{985345}{500}$

26. Which is not correct?

- a. An acute angle is always smaller than a right angle
- b. The right angle is always 90°
- c. An obtuse angle can be larger or smaller than a right angle
- d. A straight line represents the angle of 180°

27. The addition of one-half and three-fourth of a number is

- a. more than the number
- b. less than the number
- c. equal to the number
- d. either more or less than the number

28. Which 3D shape can roll in any direction?

- a. Prism
- b. Sphere
- c. Cylinder
- d. Rectangular box

Performers Section

No. of Questions: 2
Marks for each question: 5

29. Match the following

Quantity	Unit
A	Area
B	Perimeter
C	Volume
D	weight

Options:

- a. A-ii, B-iii, C-iv, D-i
- b. A-I, B-ii, C-iii, D-iv
- c. A-ii, B-iii, C-i, D-iv
- d. A-iii, B-iv, C-ii, D-i

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30. How many statements are correct?

- i. The area of a rectangle having its length the same as a side of a square will always be lesser than the square.
- ii. An integer can be a negative or a positive number.
- iii. 2 is a factor of all the even numbers.
- iv. A coin cannot slide but can roll
- v. A fraction can always be represented in the form of decimals.

Options;

- a. 5
- b. 4
- c. 3
- d. 2



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