



World Mathematics Olympiad (WMO)

Standard: IV

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

1. Which is an appropriate unit for measurement of milk quantity?

- a. millilitre
- b. litre
- c. kilolitre
- d. centilitre

2. (101×101) is

- a. 10201
- b. 10001
- c. 20001
- d. 10200
- e. 11111

3. 121 divided by 11 is

- a. 11
- b. 21
- c. 10
- d. 15

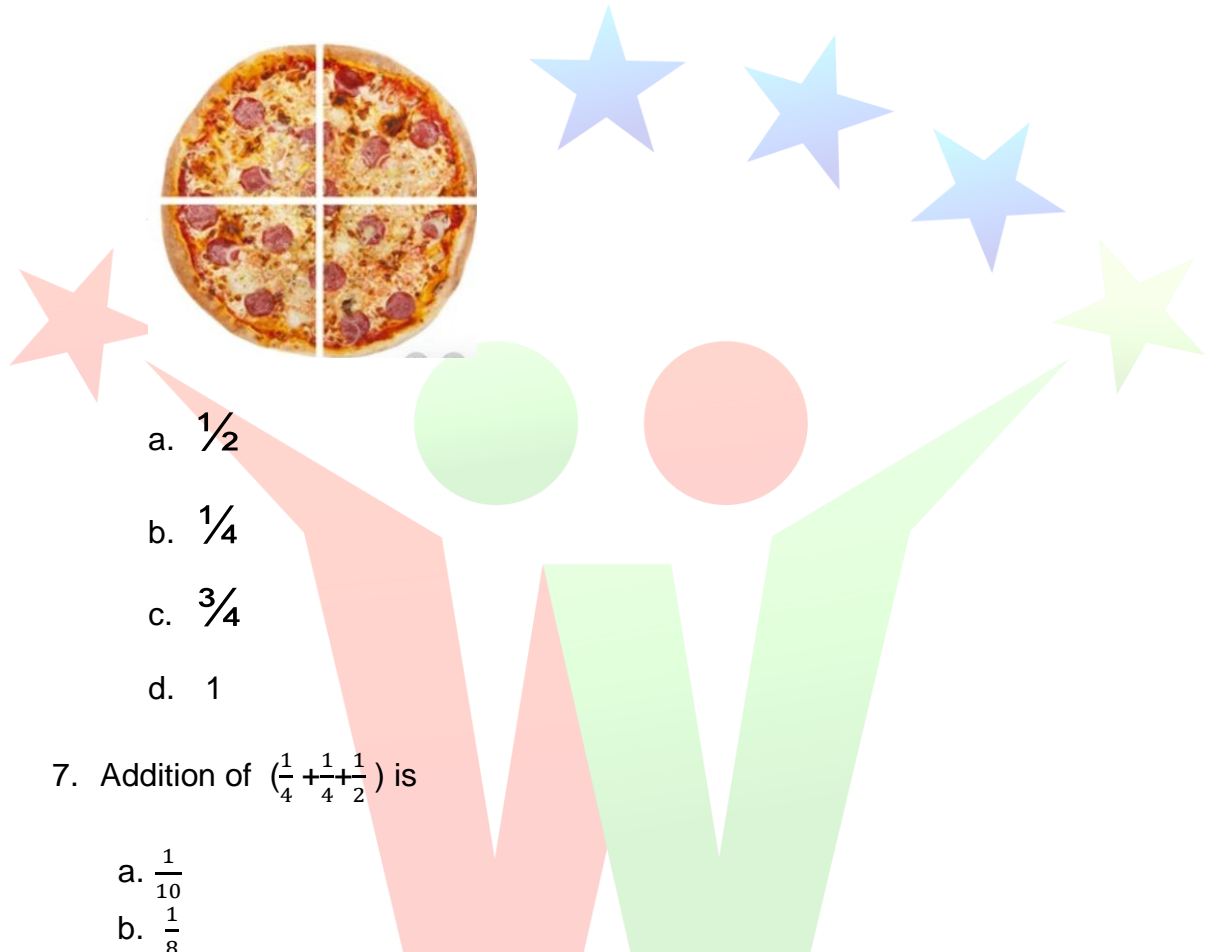
4. 1 kg is same as _____ grams

- a. 1000
- b. 100
- c. 500
- d. 400

5. 15 is the factor of _____.

- a. 223
- b. 224
- c. 225
- d. 226

6. Each Pizza slice represents _____ portion of full Pizza



- a. $\frac{1}{2}$
- b. $\frac{1}{4}$
- c. $\frac{3}{4}$
- d. 1

7. Addition of $(\frac{1}{4} + \frac{1}{4} + \frac{1}{2})$ is

- a. $\frac{1}{10}$
- b. $\frac{1}{8}$

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8. $1029 \times \underline{\hspace{1cm}} = 1029$

- a. 0
- b. 1
- c. 2
- d. 3

9. If $34 \times 2 = 68$ then $3400 \times 2 =$

- a. 68
- b. 680
- c. 6800
- d. 136

10. Which is most suitable to measure oil of approximate quantity of one litre?

- a. Cup
- b. Bucket
- c. Water bottle
- d. Spoon

11. Complete the sequence

A, AB, ABA, ABAB, _____

- a. ABC
- b. ABABA
- c. ABAB
- d. BABA

12. 56000 divided by 10 is

- a. 5600
- b. 560
- c. 56
- d. 0

13. Large data can be better represented by a

- a. graph
- b. circle
- c. triangle
- d. pen

14. Three packet biscuit are sold in Rs. 120, then what will be price (in Rs) of one packet of biscuit?

- a. 30
- b. 40
- c. 50
- d. 60

15. A rectangle has ____ sides

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

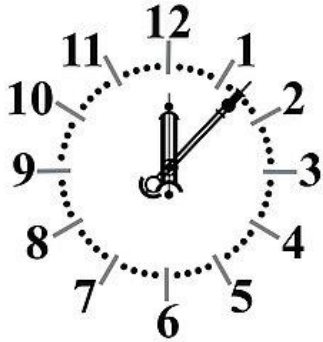
16. Number of zeros in one million is

- a. 5
- b. 6
- c. 7
- d. 8

17. The largest four digits number can be made using 8, 0, 3,1 is?

- a. 8310
- b. 3108
- c. 1038
- d. 0138

18. The needles (hands) of a watch are faded at



- a. Center
- b. Radius
- c. Circumference
- d. Diameter

19. 3 hours before 6.45 am is

- a. 9.45 am
- b. 9.45 pm
- c. 3.45 am
- d. 3.15 am

20. $(5 \times 5) - (1 \times 0)$ is

- a. 24
- b. 25
- c. 22
- d. 0

21. Which pair when added, will be more than 600?

- a. 345 and 129
- b. 329 and 295
- c. 149 and 214
- d. 502 and 55

22. Completer series

25, 30, 35, 40, 45, -----

- a. 55
- b. 50
- c. 60
- d. 65

Executors Section

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

23. Maria every day walks distance of 2 km and 500 m. How much distance she will walk in four days?

- a. 10 km
- b. 8 km
- c. 8 km 500m
- d. 8 km 800m

24. Sum of 206 and 906 double of

- a. 556
- b. 569
- c. 246
- d. 656

25. What is equivalent shaded portion of



a						
b						
c						
d						

26. A bucket of 38 litre is half filled with the water. How much water in ml can be still filled in the bucket?

- a. 18500
- b. 18000
- c. 17500
- d. 17000

27. 4.15 pm is same as

- a. 0400 hrs
- b. 1815 hrs
- c. 1615 hrs
- d. 1415 hrs

28. A brick has a shape of

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

Performers Section

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

29. Match the following

A	Seconds in 2 minutes	I	52
B	Minutes in an hour	II	60
C	Hours in 2 days	III	120
D	Days in a leap year	IV	48
E	Weeks in a year	V	366

Options

- a. A-III, B-II, C-IV, D-V, E-I
- b. A-IV, B-II, C-V, D-III, E-I
- c. A-I, B-II, C-IV, D-III, E-V
- d. A-V, B-III, C-V, D-II, E-I

30. Match the following

A	Tea leaves	I	Grams
B	Rice	II	tonnes
C	Truck loads	III	millilitres
D	Medicine tablet	IV	milligrams
E	Medicine syrup	V	kilograms

Options;

- a. A-II, B-I, C-III, D-IV, E-V
- b. A-I, B-V, C-II, D-IV, E-III
- c. A-IV, B-II, C-III, D-I, E-II
- d. A-III, B-II, C-IV, D-V, E-I



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