

SMS

SECOND MID TERM TEST - 2024

MATHS

6 - Std

Time : 1.30 Hrs.

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Marks : 30

I Choose the correct answer.

5 X 1 = 5

1. The only even prime number is a) 4 b) 6 c) 2 d) 0
2. Which of the following numbers is not a prime?
a) 53 b) 92 c) 97 d) 71
3. 1006 g is equal to
a) 1 kg 6g b) 10kg 6g c) 100 kg 6g d) 1 kg 600g
4. 3 weeks = days. a) 21 b) 7 c) 14 d) 28
5. 'Overhead expenses' is always included in
a) s.p b) c.p c) profit d) loss

II Fill in the blanks.

3 X 1 = 3

6. The HCF of 45 and 75 is
7. 50 kg ÷ 100g =
8. In an isosceles triangle angles are equal.

III True or false.

3 X 1 = 3

9. If a number is divisible by 6, then it must be divisible by 3.
10. The HCF of 17 and 18 is 1.
11. Pugazhenti ate 100g of nuts which is equal to 0.1kg.

IV Match the following.

5 X 1 = 5

- | | | |
|--------------------|---|-----------------------|
| 12. 1 metre | - | right angled triangle |
| 13. Leap year | - | S.P. - C.P. |
| 14. 9.55 | - | 2024 |
| 15. Profit | - | 100 centimetre |
| 16. On right angle | - | 5 minutes to 10 |

V Answer any 4 of the following.

4 X 2 = 8

17. Find the prime factorisation of 60 by factor tree method.
18. Compare and put > or < or = in the following.
i) 800g + 150g 1kg ii) 55 g 550 mg.
19. Change the following into 24 hour format: i) 3.15 a.m. ii) 12.35 p.m.
20. A table is bought for Rs. 4500 and sold for Rs. 4800. Find the profit or loss.
21. Can a triangle be formed with the angles 80°, 30°, 40°.

VI Answer any 2 of the following.

2 X 3 = 6

22. Find the H.C.F. of 18, 24 by division method.
23. Geetha brought 2 litre and 250 millilitere of water in a bottle. Her friend drank 300ml from it. How much of water is remaining in the bottle?
24. Two angles of the triangles are given. Find the third angle 80°, 60°.

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