

SUMMATIVE ASSESSMENT – SECOND TERM**MATHEMATICS****Max. Marks: 60****Std - VI****Time: 2 Hrs****I. Choose the correct answer:****10 x 1 = 10**

1. $1\text{ m} = \text{_____ mm}$.
 - a) 100 mm
 - b) 1000 mm
 - c) 10 mm
 - d) 10000 mm
2. The HCF of 24 and 18 is _____ .
 - a) 8
 - b) 16
 - c) 6
 - d) 12
3. Two numbers are said to be co prime numbers if their HCF is _____ .
 - a) 0
 - b) 1
 - c) 2
 - d) 10
4. The L.C.M of 8, 12 is _____ .
 - a) 12
 - b) 24
 - c) 36
 - d) 48
5. Product of two numbers is equal to _____ .
 - a) $\text{LCM} + \text{HCF}$
 - b) $\text{LCM} - \text{HCF}$
 - c) $\text{LCM} \times \text{HCF}$
 - d) $\frac{\text{LCM}}{\text{HCF}}$
6. $7\text{m} = \text{_____ cm}$.
 - a) 700
 - b) 70
 - c) 7000
 - d) 70000
7. $6.142 \div 10$ is equal to _____ .
 - a) 6142
 - b) 0.6142
 - c) 0.06142
 - d) 0.0006142
8. Convert the following into millimeter. $25\text{cm} = \text{_____ mm}$.
 - a) 25
 - b) 250
 - c) 2500
 - d) 25000
9. $514\text{ m} = \text{_____ km}$.
 - a) 5140
 - b) 0.514
 - c) 51400
 - d) 0.0514
10. $3\text{l} = \text{_____ ml}$
 - a) 30
 - b) 300
 - c) 3000 ml
 - d) 30000 ml

II. Match the following:**5 x 1 = 5**

11. 3 hours — 10 years
12. decade — 10800 seconds
13. millennium — 3600
14. 1 m — 100 cm
15. LCM of 225, 400, 300 — 1000 years

III. Do as Directed:**5 x 3 = 15**

16. Use the factor tree method and find the Prime factors.
 - a) 64
 - b) 100

17. Find the HCF of the following numbers. Using long division method.
 a) 966 and 1012 b) 35 and 42

18. Subtract 4 km 320 m from 5km 140m.

19. A metro water lorry's capacity is 3000 l. If it supplied 1010.500 l to one house, and 680.550 l to another house. How much water remains in the lorry?

20. Represent $(a + b) \times (c + d)$ as tree diagram.

IV. Answer the following:

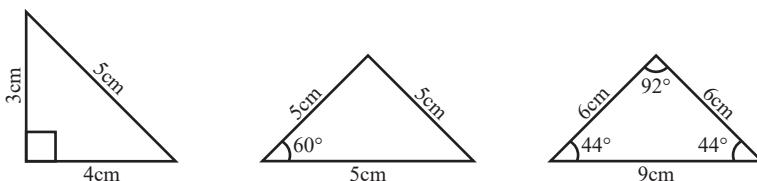
5 x 5 = 25

21. a) Find the smallest number that can be exactly divided by each one of the numbers 8, 12 and 16.
 b) Write the first five multiples of 5 and 7.

22. a) Rita had a wire of length 9m 35cm, from which She cuts 4m 10cm. What is the length of the remaining part?
 b) Find the number of days from 11th March 2001 to 15th August 2001.

23. Define Equilateral triangle, Isosceles triangle, Scalene triangle and draw the necessary diagrams to differentiate it.

24. Classify the triangles by their angles.



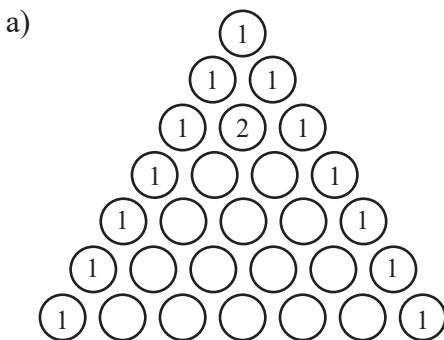
25. a) Convert seconds into minutes: i) 120 seconds ii) 300 seconds
 b) I bought 2l of milk and used 850 ml of milk for making coffee. How much milk is left over?

V. Geometry answer the following:

5 marks

26. Complete the pascal triangle.

2 ½ marks



b) Describe the Bermuda Triangle.

2 ½ Marks