

COMMON SECOND TERM SUMMATIVE EXAMINATION - 2025

Standard - VI

Reg.No.

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Time: 2.00 hrs

MATHEMATICS

Marks:60

Part - A

I Choose the correct answer.

5x1=5

1. The difference between two successive odd number is
a) 1 b) 2 c) 3 d) 0
2. 7km - 4200m is equal to _____
a) 3km800m b) 2km800m c) 3km200m d) 2km200m
3. 2 days = _____ hours.
a) 38 b) 48 c) 28 d) 40
4. The sum of three angles of a triangle is _____
a) 90° b) 100° c) 180° d) 60°
5. If two sides of a triangle are 5cm and 9cm, then the third side is _____
a) 5cm b) 3cm c) 4cm d) 14cm

II Fill in the blanks.

5x1=5

6. The number 29 and _____ are twin primer.
7. The HCF of two successive even number is _____
8. $450\text{ml} \times 5 = \underline{\hspace{1cm}} \text{ l } \underline{\hspace{1cm}} \text{ ml}$
9. Discount = M.P. - _____
10. Every triangle has at least _____ acute angle.

III Say True (or) False.

5x1=5

11. The sum of any number of odd numbers is always even.
12. The numbers 57 and 69 are co-primes.
13. Pugazhenthai ate 100g of nuts which is equal to 0.1kg.
14. There is no profit or loss when C.P = S.P.
15. A triangle can be formed with the angles 80° , 30° , 40° .

(2)

VI Maths

5x1=5

IV Match the following.

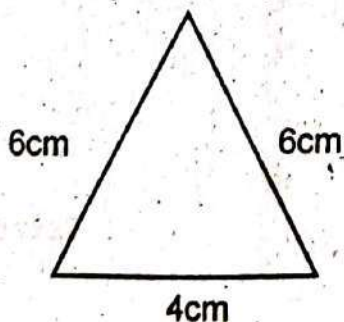
- | | | |
|-------------------------|---|----------------------|
| 16. Right angle | - | Equilateral triangle |
| 17. 02.20 | - | 1 liter |
| 18. All sides are equal | - | S.P - C.P |
| 19. Profit | - | 90° |
| 20. 600ml + 400 ml | - | 20min past 2 |

Part - B

V Answer any 10 questions.

10x2=20

21. Write the smallest and the biggest two digit prime numbers.
22. Find the HCF of 18 and 24 using prime factorisation method.
23. Find the LCM of 18 and 30 using prime factorisation method.
24. The average rainfall of tamil nadu is 998mm convert it into cm.
25. Change the following into 12 hours format.
 - i) 21:10 hours
 - ii) 00:00hours
26. Convert 38 months into years.
27. A table is bought for Rs.4500 and sold for Rs.4800. Find the profit or Loss.
28. Find the third angle of a triangle whose angles are 75°, 35°.
29. Classify the triangle based on its sides.

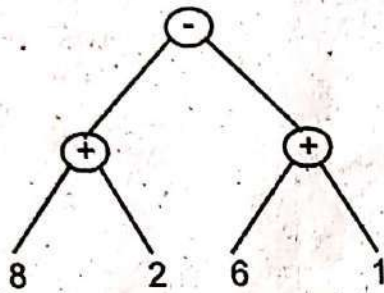


30. Convert $3a - b$ into tree diagram.

(3)

VI Maths

31. Convert the tree diagram into numerical expression



32. I am a closed figure with each of my three angles is 60° . Who am I?

33. If Guna marks his product to be sold for Rs.335 and gives a discount of Rs.30.
Then find the S.P?

Part - C

VI Answer any 5 questions.

5x3=15

34. Find the LCM of the numbers 30,40,60 using prime factorisation method.

35. A child need 100g of vegetables per day. How many of vegetables will be needed for a school of strength 90.

36. Convert into lower units 15km[m,cm,mm].

37. Name the types of following triangles based on its angles.

i) 60° , 60° , 60°

ii) 90° , 50° , 40°

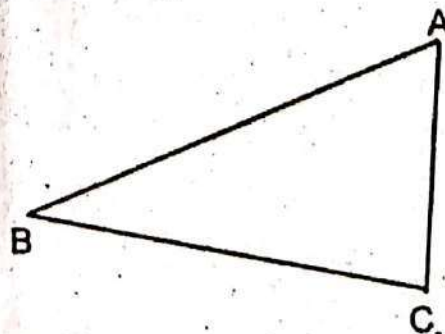
iii) 120° , 40° , 20°

38. In $\triangle ABC$ name

i) Three sides _____, _____, _____

ii) Three angles _____, _____, _____

iii) Three vertices _____, _____, _____



(4)

VI Maths

39. Convert into tree diagram $(x \times y) - (y \times z)$

40. Find the number of days between the Republic day and Kalvi valarchi day in 2020.

Part - D

VII Answer any one of the following.

1x5=5

41. a) Draw a line segment $LM=6.5\text{cm}$ and take a point P not lying on it. Using a set square construct a line perpendicular to LM through P.

(OR)

b) Draw a line segment $AB=6.5\text{cm}$ and mark a point M above it. Through M draw a line parallel to AB.
