

SECOND MID TERM TEST - 2024

Standard - VI

Time: 1.30 hrs

MATHS

Marks:50

I Choose the correct option from the multiple choice given:

5x1=5

- The only even prime number is
a) 4 b) 6 c) 2 d) 0
- The number 87,846 is divisible by
a) 2 only b) 3 only c) 11 only d) all of these
- Which of the following pairs is co-prime?
a) 51,63 b) 52,91 c) 71,81 d) 81,99
- 9m 4cm is equal to
a) 94 cm b) 904 cm c) 9.4 cm d) 0.94 cm
- 3 weeks = _____ days.
a) 21 b) 7 c) 14 d) 28

II Fill in the blanks with correct answer

5x1=5

- The numbers 29 and 31 are twin primes.
- The HCF of two successive even numbers is 2
- 450 ml x 5 = 2 litre 250 ml.
- Selling price - cost price is called Profit
- 5 minutes is = 300 seconds.

III Write True (or) false for the given following:

5x1=5

- The sum of any two numbers is always even. F
- 6375 is divisible by 4. F
- The HCF of 17 and 18 is 1. T
- 10 minutes is equal to 500 seconds. F
- 1 kg 250 g + 2kg 750 g = 5kg. F

IV Match the coloumn A with column B suitably:

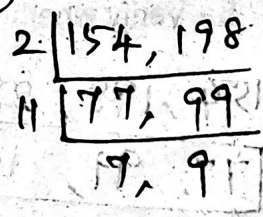
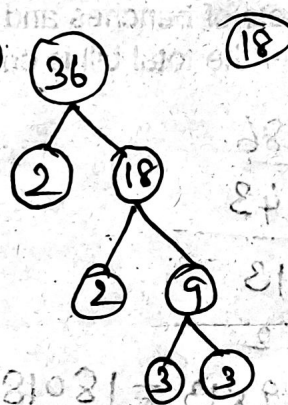
5x1=5

- | A | B |
|--------------|------------------------------------|
| a) 2 | February month <u>b)</u> |
| b) 28 days | Smallest 4 digit number <u>d)</u> |
| c) C.P - S.P | even prime <u>a)</u> |
| d) 1000 | smallest two digit prime <u>e)</u> |
| e) 11 | Loss <u>c)</u> |

V Answer any five of the following questions:

5x2=10

- Draw a factor tree for 36.
- Find the HCF of 154 and 198.
- (i) 800 g + 150 g < 1kg put > or < or =



HCF = 2 x 11 = 22

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VI Maths

20. (i) Convert 480 days into years. *1 year 3 months 25 days*
 (2) Convert 38 months into years *3 years 2 months*
21. The marked price of an article is 325 rupees. If 30 rupees is given as discount, find the selling price. $325 - 30 = 295$
22. A fruit seller bought 2 dozen bananas at Rs.20 a dozen and sold them at Rs.3 per banana. Find his loss or gain. $\text{Gain} = \text{SP} - \text{CP} = 72 - 40 = 32$
23. Put \checkmark mark in the circle which adds upto the given measure

1kg	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	500g	50g	100g	200g	250g

VI Answer any four questions

24. Write all the prime numbers from 1 to 100. *2, 3, 5, 7, 11, 13, 17, 19, 23, 29, 31, 37, 41, 43, 47, 53, 59, 61, 67, 71, 73, 79, 83, 89, 97*
25. Find the HCF and LCM of 154, 198 and 286.
26. How many glasses of the given capacity will fill a 2 litre jug?
 (1) 100 ml 20 (2) 50ml 40 (3) 500ml 4
 (4) 1-l 2 (5) 250 ml 8
27. Calculate your age as on 01.06.2018.
28. A man bought 75 mangoes for Rs.300 and sold 50 mangoes for Rs.300. If he sold all the mangoes at the same price, find his profit or loss. $\text{Profit} = \text{SP} - \text{CP} = 450 - 300 = 150$
29. A school purchases some furniture and gets the following bill.

CASH BILL				
MULLAI FURNITURE MART, THANJAVOOR				
BILL NO: 728			DATE : 23/04/2018	
Sl.No.	Items	Quantity	Rate (in Rs)	Amount (in Rs)
1.	Sitting Bench	50	1200	60,000
2.	Writing desk	50	1500	75,000
3.	Black board	2	3000	6,000
4.	Chair	10	950	9,500
5.	Table	10	1750	17,500
	Total			1,68,000

Questions:

- What is the name of the store? *Mullai Furniture Mart, Thanjavoor*
- What is the serial number of the bill? *5, Bill No: 728*
- What is the cost of the black board? $3000 \times 2 = 6000$
- How many sets of benches and desks does the school buy? *50*
- Verify whether the total bill is correct? *Correct*

25 $2 \mid 154, 198, 286$
 $11 \mid 77, 99, 143$
 $13 \mid 13$
 HCF = $2 \times 11 = 22$
 LCM = $2 \times 11 \times 7 \times 9 \times 13 = 18018$

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