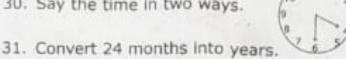
Bettin

COMMON SECOND MID - TERM TEST - 2022 Reg.No. Standard - VI Marks: 60 MATHEMATICS Time: 2.00 hrs. 5×1=5 I. Choose the correct answer: 1. The only even prime number is d) 0 cy 2 b) 6 a) 4 2. Which of the following pairs is co-prime? d) 81, 99 c) 71, 81 b) 52, 91 a) 51, 63 Which is the greatest? 0.007g, 70mg, 0.07cg d'ell are equal c) omg b) 0.007g a) 0.07cg hours. 4. 2 days = \_ d) 40 c) 28 b) 48 a) 38 5. Discount = M.P d) C.P c) Loss by S.P a) Profit 5×1=5 II. Fill in the blanks: 6. The sum of district prime factors of 30 is \_\_\_\_\_\_\_ 7. The HCF of two successive even numbers is 8. 150 kg 200g + 55kg 750g = 2 0 kg 5 5 g. 9. 3 weeks = - days. 10. Discount is subtracted from MD to get S.P. 5×1=5 III. Say True or False: 11. If a number is divisible by 6, then it must be divisible by 3. (1) 12. The HCF of 17 and 18 is 1. (\) 13. Meena bought 250 ml of buttermilk which is equal to 2.5l. ( ) 14. 21/2 years is equal to 30 months. ( ) 15. The number of district prime factors of 105 is 3. ( ) 5×1=5 IV. Match the following: - Cost price 16. 9.55 - 5 minutes to 10 17. Leap year Prime number \ 0 18. 1000 ml - 1 litre 19. 13 - 366 days Over head expenses 10×2=20 V. Answer any 10 of the following: 21/ Write the smallest and the biggest two digit prime number. 22. Find the prime factorisation of 60 by factor tree method. 23. Find the HCF of 18, 24 using prime factorisation method. 24. The official distance of Marathon race is 42.195 km. Express this distance in metre. 25: Priya bought 221/2 Kg of onion, Krishna bought 181/4kg of Onion and Sethu bought

9kg 250g of onion. What is the total weight of onion did they buy?

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- 26. Change 02.00 hours into 12 hour format.
- 27 Convert 20 minutes into seconds.
- 28. A table is bought for ₹4,500 and sold for ₹4,800. Find the profit or loss.
- 29. Sugan bought a Jeans pant for ₹750. It did not fit him. He sold it to his friend for ₹710. Find the profit or loss to sugan.
- 30. Say the time in two ways.



- 32. Whether 107 is divisible by 3 or not?
- 33. Convert 10ℓ and 50mℓ into mℓ.

## VI. Answer any 3 of the following:

3×5=15

- 34 Find the LCM of the numbers 154, 198 and 286
- 35. The LCM of two numbers is 432 and their HCF is 36. If one of the number is 108, then find the other number.
- 36. A child needs 100g of vegetables per day. How many kg of vegetables will be needed for a school of strength 90.
- 37. If Wednesday falls on 20th of December 2017. What is the day on 8th June 2018? Also say the number of days between these two dates.
- 38. If Guna marks his product to be sold for ₹325 and gives a discount of ₹30, then find the S.P.
- 39. Ramya purchases some make up items and gets the following bill.

	SHANTH	ASH BILL I FANCY STORI	Mary and B	NA I	10-11
Bill No.100 Date: 15.11.202					
S.No.	Items	Rate (in ₹)	Quantity	Amount (in ₹)  90 40 36 50	
1. 2. 3. 4.	Hair clip Hair pin Ribbon Hand kerchief Total	15 each 10 each 12 per m 25 each	6 4 3 2		
				216	1

Observe the bill and answer the following questions:

- i) What is the bill number?
- ii) Mention the date of the bill.
- iii) How many different items were purchased?
- iv) What is the cost of an hair clip?
- v) What is the total cost of the ribbon?

