



Standard 6

MATHS

Time: 1.30 hour

Marks: 30

I. Choose the correct answer:

4×1=4

- 1) The only even prime number is
a) 4 b) 6 c) 2 d) 0
- 2) Which of the following pairs is co-prime?
a) 51, 63 b) 52, 91 c) 71, 81 d) 81, 99
- 3) 1006g is equal to
a) 1 kg 6g b) 10 kg 6g c) 100 Kg 6g d) 1 Kg 600g
- 4) Discount is subtracted from _____ to get S.P.
a) M.P b) C.P c) Loss d) Profit

II. Fill in the blanks:

3×1=3

- 5) The HCF of two successive even numbers is _____.
- 6) $20\ell - 1\ell 500\text{ ml} = \underline{\hspace{2cm}}\ell \underline{\hspace{2cm}}\text{ ml}$.
- 7) Number of ordinary years between two consecutive leap years is _____ years.

III. Say true or false:

3×1=3

- 8) Every natural number is either prime or composite.
- 9) Meena bought 250ml of buttermilk which is equal to 2.5ℓ.
- 10) 7:40 pm = 19:40 hours.

IV. Write any FOUR questions:

4×2=8

- 11) Find the HCF using prime factorisation method: 18, 24
- 12) A flag pole is 5m 35cm long. What is the length of the flag pole in cm?
- 13) Change the following into 24 hour format:
(i) 3.15 am (ii) 12.35 pm
- 14) A table is bought for ₹ 4,500 and sold for ₹ 4,800. Find the profit or loss.
- 15) Convert into metre: 4km 300m
- 16) If Guna marks his product to be sold for ₹ 325 and gives a discount of ₹ 30, then find the S.P.

V. Answer any FOUR of the following questions:

4×3=12

- 17) Find the dates of any month in a calendar which are divisible by both 2 and 3.
- 18) What is the greatest possible volume of a vessel that can be used to measure exactly the volume of milk in cans (in full capacity) of 80 litres, 100 litres and 120 litres?
- 19) A child needs 100g of vegetables per day. How many kg of vegetables will be needed for a school of strength 90.
- 20) How many glasses of the given capacity will fill a 2 litre jug?
(i) 100 ml (ii) 1ℓ (iii) 250 ml
- 21) i) Convert 480 days into years.
ii) 2½ years is equal to how many months?
- 22) Raghu buys a chair for ₹ 3,000. He wants to sell it at a profit of ₹ 500 after making a discount of ₹ 300. What is the M.P of the chair?