

TERM 2
Model Question Paper 2 - T2
6th Standard

Maths

Reg.No. :

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I. Answer all the questions.

II. Use blue pen only.

Time : 01:30:00 Hrs

Total Marks : 50

Part-A

5 x 1 = 5

- 1) Which of the following pair of ratios form a proportion?
(a) 3:4, 6:8 (b) 3:4, 8:6 (c) 4:3, 6:8 (d) 4:8, 6:3
- 2) Find the missing term if 2 : 5 = ----- : 50
(a) 10 (b) 20 (c) 30 (d) 40
- 3) If the cost of 6 balls is Rs. 30 then the cost of 4 balls is
(a) Rs. 5 (b) Rs. 10 (c) Rs. 15 (d) Rs. 20
- 4) If 5, 6, 10 _____ form a proportion (in the same order), the missing term is
(a) 60 (b) 50 (c) 30 (d) 12
- 5) When you divide 100 in the ratio 3 : 2, we get -----
(a) 30, 20 (b) 60, 40 (c) 20, 30 (d) 40, 60

Part-B

5 x 1 = 5

- 6) 1 week = _____ days.
- 7) In a leap year, February has _____ days.
- 8) 3 days = _____ hours.
- 9) 1 year = _____ months.
- 10) 1 hour = _____ seconds.

Part-C

2 x 1 = 2

- 11) Say whether the following are true or false
3 : 2 and 2 : 3 are equivalent ratios
(a) True (b) False
- 12) Say whether the following are true or false
10 : 14 is a equivalent ratio of 5 : 2
(a) True (b) False

Part-D

10 x 2 = 20

- 13) Write any 5 equivalent ratios for 5 : 7.
- 14) Compare 3:5 and 4:7
- 15) Divide Rs. 280 in the ratio 3:5

Parts	Amount
8	280
3	?
5	?

- 16) The length and breadth of a rectangle are in the ratio 4:7. If the breadth is 77cm, find the length?

Parts	Measurements
7	77
1	?
4	?

- 17) In a village of 1,21,000 people, the ratio of men to women is 6 : 5 Find the number of men and women?

Parts	No. of people
11	121000
6	?
5	?

- 18) Show that the ratios (i) 2 : 3, 8 : 12, (ii) 25 : 45, 35 : 63 are in proportion.
- 19) Show that 12 : 9, 4 : 3 are in proportion.
- 20) Find the missing term in 3 : 4 = 12 : _____
- 21) Using 3 and 12 as means, write any two proportions.
- 22) If the cost of a book is Rs. 12, find the ratio of 2, 5, 7 books to their cost. What do you observe from this?

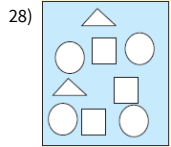
Part-E

6 x 3 = 18

- 23) Write the ratio of the following and simplify:

The ratio of 81 to 108

- 24) Write the ratio of the following and simplify:
The ratio of 30 minutes to 1 hour and 30 minutes
- 25) Write the ratio of the following and simplify:
The ratio of 60 cm to 1.2 m.
- 26) Seema's monthly income is Rs. 20,000 and her savings is Rs. 500. Find the ratio of
- the monthly income to the savings
 - the monthly income to the expenses
 - savings to the expenses.
- 27) Out of 50 students in a class, 30 are boys. Find the ratio of
- Boys to the total number of students
 - Girls to the total number of students
 - Boys to the Girls



From the given figure, find the ratio of

- Number of triangles to Number of circles
- Number of circles to Number of squares
- Number of triangles to Number of squares
- Number of circles to total number of figures
- Number of triangles to total number of figures
- Number of squares to total number of figures

