

**BAL BHARATI PUBLIC SCHOOL
GANGA RAM HOSPITAL MARG
MATHEMATICS
CLASS VI
ASSIGNMENT NO.13
SUMMATIVE ASSESSEMENT 2
Ratio & Proportion**

Choose the correct option:-

Q1 The ratio of 8 hours to 2 days is

- a) 4:1
- b) 6:1
- c) 1:4
- d) 1:6

Q2 In a class there are 20 boys and 20 girls. What is the ratio of girls to the total number of students of the class?

- a) 1:2
- b) 1:3
- c) 1:4
- d) 2:3

Q3 The unit of ratio is expressed in

- a) Metre
- b) Gram
- c) Litre
- d) None

Q4 Express each of the following ratio in their lowest form

- a) 175 : 300
- b) 65 : 91
- c) 80 paise : Rs 4
- d) 45 min : 2 hrs
- e) 2m50 cm : 25 cm

Q5 The present age of Ravi and Tanya are 22 years and 16 years respectively. Find the ratio of

- a) Their present ages
- b) Ravi's age to the difference of their ages
- c) Ravi's age after 4 years to Tanya's age 3 years ago
- d) Ravi's age to that of Tanya's when she was 5 years old.

Q6 Ritu wants to divide Rs 300 between his two sons Amit and Nitin in the ratio of their ages. If the age of Amit is 12 years and that of Nitin is 8 years. Find the share of each.

Q7 Fill in the blank:

$$\frac{12}{18} = \frac{\quad}{15} = \frac{14}{\quad} = \frac{\quad}{27}$$

Q8 Write three equivalent ratios of the ratio 9: 15.

Q9 Compare the following ratios

- a) 7 : 9 and 11: 23
- b) 9 : 11 and 7 : 3

Q10 Are the following statements true?

- a) 2:5 = 10:25
- b) 30 pens : 5 pens =Rs48:Rs8
- c) 5:8 = 25:45
- d) 10:3=10:2

Q11 Divide Rs 4200 among A , B and C in the ratio 4: 2: 1

Q12 Which is a better buy?

- a) 3 Kg .tomatoes for Rs.19.50 or 7 Kg. tomatoes for Rs.47.75
- b) 5 liter oil for Rs. 200 or 7 liter oil for Rs. 287.

Q13 Vipul earns Rs 15000 in 3 months

- a) How much will he earn in 5 months.
- b) In how many months will he earn Rs 95000?

Q14 Four Dozen bananas cost Rs 110.40. Find the cost of 25 bananas.

Q15 A cyclist covers a distance of 28 Km in 2 hours. Find the distance travelled by the cyclist in 7 hours?

Q16 Cost of 3 dozen bananas is Rs.54 . Raheem has Rs.18 with him. He wants to give bananas to the people on the street . How many bananas he can buy ? Mention the value you depict from this ?

Q17 Cost of one fan is Rs.1450. Amit wants to give fans to a charitable hospital . He has Rs.185600. How many fans he can give to the hospital ? Mention the value you depict from this.

Q18 Reema earns Rs.90,000 and saves Rs.30,000. Find the ratio of the money she earns to the money she saves. Mention the value you depict from this.