



ST. LAWRENCE HIGH SCHOOL

A Jesuit Christian Minority Institution



Sub: Arithmetic
Duration: 40 Min

Class: 7
Worksheet Solution 46
UNITARY METHOD

Date: 01.07.20
Full Marks: 15

Choose the correct options:

- If 7 floor mats cost ₹ 140. Find the cost of 20 such mats.
 - ₹ 400
 - ₹ 500
 - ₹ 600
 - ₹ 800
- 20 workers can finish a job in 34 days. In how many days will 17 workers finish the job?
 - 24 days
 - 30 days
 - 40 days**
 - 68 days
- 11 cardboard boxes take up a volume of 132 cubic metre. How many boxes will fit in a volume of 192 cubic metre
 - 12
 - 16**
 - 20
 - 24
- Five men earn ₹ 65000 in a month. What will be the salary of 15 men?
 - ₹ 180000
 - ₹ 195000**
 - ₹ 200000
 - ₹ 225000
- Two taps can fill a tank in 20 min. How many taps can fill the tank in 5 min?
 - 5 min
 - 6 min
 - 8 min**
 - 10 min
- 25 men can dig a pit of dimension 12 m x 16 m x 10 m. How many men will be able to dig a plot of dimension 24 m x 32 m x 5 m in the same time?
 - 25
 - 30

- c. 40
- d. 50**
7. What is the cost of a bouquet of hundred roses with each rose costing ₹ 60 a dozen?
- a. ₹ 300
- b. ₹ 400
- c. ₹ 500**
- d. ₹ 600
8. What is the cost of ploughing a rectangular plot of land 19 m x 15 m at the rate of ₹ 5 per square metre?
- a. ₹ 1010
- b. ₹ 1425**
- c. ₹ 1555
- d. ₹ 1650
9. A banquet has provision for 450 men each consuming 100 g of rice. How many can the banquet feed if each man consumes 75 g of rice?
- a. 500
- b. 600**
- c. 700
- d. 800
10. A pair of bedsheets cost ₹ 280. What is the cost of six such bedsheets?
- a. ₹ 420
- b. ₹ 560
- c. ₹ 840**
- d. ₹ 960
11. 13 cows graze a field for 14 days. How long will the grass last if only 7 cows graze on it?
- a. 20
- b. 24
- c. 25
- d. 26**
12. A dozen books weigh 3 kg. What will be the weight of a score of books?
- a. 2 kg
- b. 4 kg
- c. 5 kg**
- d. 6 kg

13. Four pieces of chocolate contains about 100 calories. What is the calorific value of a bar of chocolate containing 15 pieces?
- a. 300 calories
 - b. 375 calories**
 - c. 500 calories
 - d. 520 calories
14. A car can cover 75 km in one hour. Find the time taken by the car to cover 100 km.
- a. 40 min
 - b. 1 hr 10 min
 - c. 1 hr 20 min**
 - d. 1½ hr
15. The speed of a car is 20 m/s. Find the time taken to cover 2 km.
- a. 80 min
 - b. 100 min
 - c. 80 s
 - d. 100 s**