ST. LAWRENCE HIGH SCHOOL

A Jesuit Christian Minority Institution

Sub: Arithmetic   **Class: 7**   **Date: 25.06.20**

Duration: 40 Min   **Worksheet Solutions 41**   **Full Marks: 15**

UNITARY METHOD

Choose the correct options:

1. 9 cds costs ₹ 45, 5 cds will cost
    - (a) ₹ 52
    - (b) ₹ 630
    - **(c) ₹ 25**
    - (d) ₹ 360

2. Cost of 12 pens is ₹ 108, cost of 5 will be...
    - (a) ₹ 54
    - **(b) ₹ 45**
    - (c) ₹ 450
    - (d) ₹ 544

3. 10 pens costs ₹ 30, 19 pens will cost , how many ??
    - (a) ₹ 64
    - **(b) ₹ 57**
    - (c) ₹ 3
    - (d) ₹ 300

4. A racer had travelled 500m when he was at the 1/4 mark. How far would he travel if he did the track twice?
    - (a) 500m
    - (b) 1000m
    - (c) 2km
    - **(d) 4km**

5. The amount of money earned on a job is directly proportional to the number of hours worked. If ₹ 70.00 is earned in 5 hours, how much money is earned in 22 hours of work?
    - (a) ₹ 2
    - **(b) ₹ 308**
    - (c) ₹ 1.57
    - (d) ₹ 265

6. The time to complete a project varies inversely with the number of employees. If 3 people can complete the project in 7 days, how long will it take 5 people?
    - **(a) 4.2**
    - (b) 3
    - (c) 5
    - (d) 6

7. The time needed to travel a certain distance varies inversely with the rate of speed. If it takes 8 hours to travel a certain distance at 36 miles per hour, how long will it take to travel the same distance at 60 miles per hour?
    - **(a) 4.8**
    - (b) 5
    - (c) 6
    - (d) 5.2

8. If one hat is worth 12 rupees, then what will be worth of 5 hats ?
    - (a) 30 rupees
    - (b) 40 rupees
    - **(c) 60 rupees**
    - (d) 50 rupees

9. How much will 9 fidget spinners cost, if cost of 1 such spinners is ₹ 27?
    - (a) 252
    - **(b) 243**
    - (c) 4
    - (d) 423

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10. If 20 kg of cake is ordered for 100 people in a party, how much cake will be needed for 250 people?
    (a) 40 kg
    (b) 50 kg
    (c) 35 kg
    (d) None of these

11. The cost of 7 toys is ₹ 420. Find the cost of 12 such toys.
    (a) 450
    (b) 320
    (c) 720
    (d) 270

12. The annual rent for a house is ₹ 36,000. What will be the rent for 5 months?
    (a) 15000
    (b) 18000
    (c) 20000
    (d) 14000

13. 5 buses carry 325 passengers how many passengers can be carried by 8 such buses?
    (a) 430
    (b) 520
    (c) 510
    (d) 340

14. A bicycle factory produces 1505 bicycles in a week. How many bicycles will it produce in 30 days?
    (a) 4560
    (b) 5640
    (c) 6540
    (d) 6450

15. A big mac burger weighs 240g. It costs ₹ 6.45. How much on average is it per gram? Round to 3 decimal place.
    (a) ₹ 0.027 per gram
    (b) ₹ 0.028 per gram
    (c) ₹ 0.042 per gram
    (d) ₹ 0.043 per gram