EduSahara™ Assignment

Name : Unitary Method Problems

Chapter : Ratio - Applications

Grade : SSC Grade VII

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1. If 5 books cost ₹35, how much will 39 books cost?
   (i) ₹246 (ii) ₹273 (iii) ₹281 (iv) ₹290 (v) ₹268

2. If 13 eggs cost ₹117, how many eggs can be purchased with ₹351?
   (i) 41 (ii) 40 (iii) 39 (iv) 38 (v) 37

3. If 15 l of puja oil costs ₹210, how much will 36 l cost?
   (i) ₹476 (ii) ₹529 (iii) ₹498 (iv) ₹504 (v) ₹507

4. If 15 l of petrol costs ₹300, how much of petrol costs ₹700?
   (i) 40 l (ii) 32 l (iii) 35 l (iv) 38 l (v) 30 l

5. If 16 men can make 48 toy cars in a day, how many toy cars are made by 15 men in a day?
   (i) 46 (ii) 44 (iii) 48 (iv) 45 (v) 43

6. If 19 men can make 114 toys in a day, how many men are needed to make 144 toys in a day?
   (i) 25 (ii) 21 (iii) 24 (iv) 26 (v) 23

7. If Santosh can read 300 pages in 15 hr, how many pages can he read in 11 hr?
   (i) 219 (ii) 217 (iii) 222 (iv) 220 (v) 221

8. If Ravi can read 187 pages in 17 hr, he can read 121 pages in how many hours?
   (i) 14 hr (ii) 6 hr (iii) 8 hr (iv) 16 hr (v) 11 hr

9. If Varun can read 78 pages in a 260 pages book in 3 hr, how much more time will it take to complete the book?
   (i) 6 hr (ii) 8 hr (iii) 5 hr (iv) 9 hr (v) 7 hr

10. If Rajesh can make 247 pizzas in 13 min, in how much time can he complete an order of 551 pizzas ?
    (i) 24 min (ii) 26 min (iii) 32 min (iv) 29 min (v) 34 min

11. If 75 men can do a piece of work in 168 days, 60 men can do the same work in how many days?
    (i) 213 days (ii) 225 days (iii) 210 days (iv) 208 days (v) 187 days

12. The cost of 11 kg of onions is ₹319. How much has to be paid to purchase 22 kg of onions ?
    (i) ₹622 (ii) ₹638 (iii) ₹630 (iv) ₹643 (v) ₹651

13. The weight of 23 rounds of copper wire is 460 kg. How many rounds of copper wire is present in 260 kg?
    (i) 12 (ii) 15 (iii) 13 (iv) 10 (v) 14

14. In a hostel mess there are provisions enough for 20 students for 19 days. If 13 more students join the hostel, how long will the provisions last ?
    (i) 11.52 days (ii) 14.52 days (iii) 6.52 days (iv) 16.52 days (v) 8.52 days

15. A bus ticket fare for 16 km costs ₹54. How much is the fare for 15 km?

(i) ₹47.62 (ii) ₹53.62 (iii) ₹45.62 (iv) ₹55.62 (v) ₹50.62

16. The cost of 11 pens is ₹176 and 14 pencils is ₹98. With an amount of ₹326, 10 pencils are purchased. How many pens can be purchased with the remaining amount ?

(i) 19 (ii) 16 (iii) 13 (iv) 15 (v) 17

17. The cost of 15 pens is ₹270 and 16 pencils is ₹128. With an amount of ₹484, 18 pens are purchased. How many pencils can be purchased with the remaining amount ?

(i) 23 (ii) 21 (iii) 19 (iv) 20 (v) 18

18. The sales tax for ₹100 of a bill is ₹11. How much sales tax has to be paid for a bill of ₹272 ?

(i) ₹26.92 (ii) ₹32.92 (iii) ₹29.92 (iv) ₹34.92 (v) ₹24.92

19. To stitch a shirt, 124 cm of cloth is needed. How much cloth is needed to stitch 7 shirts ?

(i) 886 cm (ii) 850 cm (iii) 843 cm (iv) 885 cm (v) 868 cm

20. 14 m of cloth is required to stitch 9 dresses. How many meters of cloth is required to stitch 22 dresses?

(i) 29.22 m (ii) 31.22 m (iii) 37.22 m (iv) 34.22 m (v) 39.22 m

21. The cost of 9 dozen bananas is ₹288. What is the cost of 30 dozens ?

(i) ₹946 (ii) ₹965 (iii) ₹960 (iv) ₹978 (v) ₹957

22. 18 mangoes weigh 9 kg. If 10 mangoes are needed, how many kgs have to be purchased?

(i) 6.00 kg (ii) 3.00 kg (iii) 7.00 kg (iv) 5.00 kg (v) 4.00 kg

23. 54 men or 90 women can earn ₹5400 per day. How much is earned by 12 men and 11 women in a day?

(i) ₹2030 (ii) ₹1620 (iii) ₹1880 (iv) ₹1740 (v) ₹1860

24. The specification on a printer says that it prints 1500 pages in 30 min. If 3000 pages have to be printed, how long will it take ?

(i) 57 min (ii) 63 min (iii) 65 min (iv) 55 min (v) 60 min

25. 17 gm of gold costs ₹47600. What is the cost of 31 gm ?

(i) ₹85400 (ii) ₹86800 (iii) ₹89400 (iv) ₹85100 (v) ₹88000

26. A banker gave foreign exchange of $13 for ₹429. How many dollars will the customer get for ₹660 ?

(i) $25 (ii) $17 (iii) $15 (iv) $20 (v) $23

Assignment Key

1) (ii)	2) (iii)	3) (iv)	4) (iii)	5) (iv)	6) (iii)
7) (iv)	8) (v)	9) (v)	10) (iv)	11) (iii)	12) (ii)
13) (iii)	14) (i)	15) (v)	16) (ii)	17) (iv)	18) (iii)
19) (v)	20) (iv)	21) (iii)	22) (iv)	23) (v)	24) (v)
25) (ii)	26) (iv)				

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