Name: Unitary Method Problems

Chapter: Ratio and Proportion

Grade: SSC Grade VI

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- (i) ₹252 (ii) ₹293 (iii) ₹274 (iv) ₹266 (v) ₹249
- 2. If 5 dolls cost ₹35, how many dolls can be purchased with ₹210?
 - (i) 30 (ii) 32 (iii) 27 (iv) 31 (v) 29
- 3. If 8 I of oil costs ₹80, how much will 27 I cost?
 - (i) ₹297 (ii) ₹265 (iii) ₹284 (iv) ₹244 (v) ₹270
- 4. If 14 I of puja oil costs ₹196, how much of puja oil costs ₹378?
 - (i) 27 l (ii) 22 l (iii) 24 l (iv) 30 l (v) 32 l
- 5. If 11 men can make 33 gift packages in a day, how many gift packages are made by 22 men in a day?
 - (i) 65 (ii) 66 (iii) 67 (iv) 68 (v) 64
- 6. If 17 men can make 102 chappals in a day, how many men are needed to make 108 chappals in a day?
 - (i) 19 (ii) 18 (iii) 17 (iv) 16 (v) 21
- 7. If Mahender can read 165 pages in 15 hr, how many pages can he read in 14 hr?
 - (i) 157 (ii) 152 (iii) 155 (iv) 154 (v) 153
- 8. If Santosh can read 220 pages in 20 hr, he can read 143 pages in how many hours?
 - (i) 18 hr (ii) 8 hr (iii) 13 hr (iv) 10 hr (v) 16 hr
- 9. If Karthik can make 90 donuts in 5 min, in how much time can he complete an order of 486 donuts?
 - (i) 30 min (ii) 27 min (iii) 22 min (iv) 32 min (v) 24 min
- 10. If 84 men can do a piece of work in 63 days, how many men can do the same work in 98 days?
 - (i) 52 (ii) 56 (iii) 55 (iv) 54 (v) 53
- 11. If 154 men can do a piece of work in 54 days, 99 men can do the same work in how many days?
 - (i) 84 days (ii) 87 days (iii) 79 days (iv) 89 days (v) 81 days
- 12. A vehicle can cover certain distance in 50 min, running at a speed of 77 kmph. At what speed must the vehicle run to cover the same distance in 35 min?
 - (i) 132 kmph (ii) 110 kmph (iii) 124 kmph (iv) 92 kmph (v) 83 kmph
- 13. A vehicle can cover certain distance in 210 min, running at a speed of 99 kmph. In how many minutes, the vehicle covers the same distance running at a speed of 135 kmph?
 - (i) 166 min (ii) 161 min (iii) 146 min (iv) 141 min (v) 154 min
- 14. The cost of 25 kg of brinjals is ₹650. How many kgs of brinjals can be purchased with ₹598?
 - (i) 20 kg (ii) 18 kg (iii) 23 kg (iv) 28 kg (v) 26 kg

15. The cost of 18 kg of cabbages is ₹432. How much has to be paid to purchase 12 kg of cabbages ? (i) ₹280 (ii) ₹265 (iii) ₹314 (iv) ₹288 (v) ₹294
16. The weight of 14 rounds of copper wire is 322 kg. How many rounds of copper wire is present in 575 kg? (i) 24 (ii) 26 (iii) 27 (iv) 22 (v) 25
17. A bus ticket fare for 14 km costs ₹86. How much is the fare for 19 km? (i) ₹122.71 (ii) ₹144.71 (iii) ₹111.71 (iv) ₹98.71 (v) ₹116.71
 18. The sales tax for ₹100 of a bill is ₹11. How much sales tax has to be paid for a bill of ₹277? (i) ₹33.47 (ii) ₹25.47 (iii) ₹30.47 (iv) ₹35.47 (v) ₹27.47
19. To stitch a shirt, 137 cm of cloth is needed. How much cloth is needed to stitch 10 shirts? (i) 1370 cm (ii) 1550 cm (iii) 1330 cm (iv) 1210 cm (v) 1540 cm
20. 10 m of cloth is required to stitch 6 dresses. How many meters of cloth is required to stitch 25 dresses? (i) 41.67 m (ii) 36.67 m (iii) 46.67 m (iv) 44.67 m (v) 38.67 m
21. The cost of 9 dozen bananas is ₹297. What is the cost of 15 dozens ? (i) ₹495 (ii) ₹491 (iii) ₹513 (iv) ₹482 (v) ₹520
22. 11 mangoes weigh 6 kg. If 9 mangoes are needed, how many kgs have to be purchased? (i) 6.91 kg (ii) 5.91 kg (iii) 2.91 kg (iv) 4.91 kg (v) 3.91 kg
The specification on a printer says that it prints 900 pages in 10 min. If 7200 pages have to be printed, how long will it take? (i) 83 min (ii) 80 min (iii) 85 min (iv) 77 min (v) 75 min
24. 10 gm of gold costs ₹22000. What is the cost of 26 gm? (i) ₹57500 (ii) ₹55800 (iii) ₹57200 (iv) ₹56700 (v) ₹58800
25. A banker gave foreign exchange of \$15 for ₹720. How many dollars will the customer get for ₹960 ?(i) \$17 (ii) \$25 (iii) \$20 (iv) \$23 (v) \$15

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

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