PRACTICE PAPER-02 : UNITARY METHOD

1.   If 6 men can do a job in 10 days, then in how many days 4 men will do the same job.

(a)   15 days   (b)   12 days

(c)   18 days   (d)   20 days

2.   The cost of 5 pens is the same as the cost of 7 pencils. If the cost of one pen is Rs 21. Find the cost of a pencil.

(a)   Rs 12   (b)   Rs 15

(c)   Rs 16   (d)   Rs 18

3.   Raju can do a piece of work in 10 days and Akhil can do it in 15 days. How long will they take if they work together?

(a)   3 days   (b)   9 days

(c)   5 days   (d)   6 days

4.   If 12 men or 18 women can reap a field in 7 days. In what time can 4 men and 8 women reap the same field ?

(a)   12 days   (b)   3 days

(c)   9 days   (d)   6 days

5.   Raja earns Rs 1290 per month. He spends Rs 50 on books, Rs 600 on food and Rs 400 on rent and other monthly expenses. Calculate his yearly savings.

(a)   Rs 1800   (b)   Rs 2400

(c)   Rs 1200   (d)   Rs 2880

6.   A labourer was engaged for 25 days on the condition that for every day, he works, he will be paid Rs 12 and for every day, he is absent he will be fined Rs 2. He received only Rs 132. How many days he did not do the work ?

(a)   12 days   (b)   6 days

(c)   18 days   (d)   15 days

7.   A fort had provisions for 1200 men for 20 days. If 400 men joined the fort on the first day, how long would the food last at the same rate.

(a)   12 days   (b)   6 days

(c)   18 days   (d)   15 days

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8. A grocer mixes 28 kgs of tea costing Rs 15 per kg with 12 kg of tea costing Rs 18 per kg. Find the cost of the mixture per kg.

    (a)   15.90 per kg   (b)   15 per kg

    (c)   18 per kg.   (d)   12.50 kg

9. A train goes a certain distance in 15 hours. How long will it take at twice the speed ?

    (a)   7 hours, 20 Minutes   (b)   7 hours, 25 Minutes

    (c)   7 hours, 30 Minutes   (d)   7 hours, 03 Minutes

10. If 21 cows eat as much as 15 oxen, how many cows will eat as much as 25 oxen ?

    (a)   21 cows   (b)   35 cows

    (c)   25 cows   (d)   20 cows

11. Convert 180 dollars into Rupees, if 8 dollars are equal to Rs 90.40

    (a)   Rs 10800   (b)   Rs 16272

    (c)   Rs 12200   (d)   Rs 2034

12. If the cost of 3 quintal and 30 kgs rice is Rs 429. Find the cost of 3 quintal rice.

    (a)   Rs 930   (b)   Rs 390

    (c)   Rs 330   (d)   None of these

13. 7 man build a wall in 4 days, In how many days 2 men will build the same wall ?

    (a)   7 days   (b)   28 days

    (c)   21 days   (d)   14 days

14. If 24 men can do a piece of work in 24 days working 7 hours a day. In how many days will 42 men finish the same work working 8 hours a days ?

    (a)   12 days   (b)   6 days

    (c)   7 days   (d)   15 days

15. I went for shopping and tool Rs 450 with me. I bought 15 m cloth at the rate of Rs 20 per meter and 3 dozen note books at the rat of Rs 24 a dozen. I spent Rs 5 on rickshaw fare. How much was left with me.

    (a)   Rs 37   (b)   Rs 53
    (c)   Rs 73   (d)   None of these

ANSWER KEY :UNITARY METHOD
Practice Paper-02

Q. No	Ans	Q. No	Ans	Q. No	Ans	Q. No	Ans	Q. No	Ans
1.	a	2.	b	3.	d	4.	c	5.	d
6.	a	7.	d	8.	a	9.	c	10.	b
11.	d	12.	b	13.	d	14.	a	15	c