1. The sales tax for ₹100 of a bill is ₹10. How much sales tax has to be paid for a bill of ₹222 ?

   (i) ₹25.20 (ii) ₹19.20 (iii) ₹22.20 (iv) ₹27.20 (v) ₹17.20

2. 16 men can dig a trench in 14 days. But after working for 6 days, 6 men left. How many more days are required to complete the work?

   (i) $13\frac{1}{5}$ days (ii) $12\frac{2}{5}$ days (iii) $13\frac{1}{3}$ days (iv) $12\frac{4}{7}$ days (v) $12\frac{4}{5}$ days

3. 8 men take 3 days to complete a work.
   How much work is done by one man in one day?

   (i) $(\frac{-1}{24})$ (ii) $\frac{1}{8}$ (iii) $\frac{1}{24}$ (iv) $\frac{1}{3}$

4. A journey consists of three legs. First 42 km are travelled at a speed of 30 kmph. Next 143 km are travelled at a speed of 130 kmph. Last 120 km are travelled at a speed of 80 kmph. Find the total time taken to complete the journey.

   (i) 5 hr (ii) 4 hr (iii) $3\frac{4}{5}$ hr (iv) $3\frac{1}{3}$ hr (v) $4\frac{1}{5}$ hr

5. If 60 men can do a piece of work in 91 days, 70 men can do the same work in how many days?

   (i) 73 days (ii) 83 days (iii) 78 days (iv) 81 days (v) 75 days

6. 182 men can dig a canal in 63 days working for 3 hr per day. How many men are required to complete the work in 42 days working for 7 hr per day?

   (i) 116 (ii) 118 (iii) 115 (iv) 120 (v) 117

7. If 6 dresses cost ₹30, how much will 27 dresses cost?

   (i) ₹161 (ii) ₹135 (iii) ₹118 (iv) ₹130 (v) ₹147

8. The cost of 18 kg of brinjals is ₹504. How many kgs of brinjals can be purchased with ₹392 ?

   (i) 14 kg (ii) 9 kg (iii) 17 kg (iv) 11 kg (v) 19 kg

9. 10 men can do a work in 13 days working 10 hours a day.
   In how many days can 7 men do the same work, working 4 hours a day?

   (i) $46\frac{3}{5}$ days (ii) $46\frac{5}{7}$ days (iii) $46\frac{3}{7}$ days (iv) $46\frac{1}{7}$ days (v) $46\frac{1}{3}$ days

10. A train from Calcutta travelling at a speed of 150kmph reaches Chennai in 2hr. If the train travels at the speed of 30kmph, what is the time taken to reach Chennai?

    (i) 9 hr (ii) 11 hr (iii) 8 hr (iv) 12 hr (v) 10 hr

11. A vehicle can cover certain distance in 60 min, running at a speed of 117 kmph. At what speed must the vehicle run to cover the same distance in 130 min?

   (i) 51 kmph   (ii) 54 kmph   (iii) 59 kmph   (iv) 57 kmph   (v) 49 kmph

12. The slab rates of a city's water department are as follows

Low Val (kl)	–	High Val (kl)	Rate Rs/kl
0	–	40	20
40	–	50	25
50	–	70	30
70	–	remaining	35

How much amount has to be paid if the consumption is 66 kl.

   (i) ₹1380   (ii) ₹1410   (iii) ₹1530   (iv) ₹1750   (v) ₹1600

13. If Chandan can make 209 pastries in 11 min, in how much time can he complete an order of 893 pastries ?

   (i) 42 min   (ii) 47 min   (iii) 50 min   (iv) 44 min   (v) 52 min

14. A, B, C, D, and E can do a piece of work in
14 hr, 13 hr, 12 hr, 6 hr and 11 hr respectively.
Who has the greatest capacity to do work?

   (i) C   (ii) A   (iii) E   (iv) B   (v) D

15. If a train covers a certain distance at a speed of 27.24 m/sec in 17.82 sec, what should be the speed to cover the same distance in 16.74 sec?

   (i) 31.00 m/sec   (ii) 30.00 m/sec   (iii) 27.00 m/sec   (iv) 28.00 m/sec   (v) 29.00 m/sec

16. 10 m of cloth is required to stitch 8 dresses. How many meters of cloth is required to stitch 22 dresses?

   (i) 32.50 m   (ii) 22.50 m   (iii) 27.50 m   (iv) 24.50 m   (v) 30.50 m

17. If a train travelling at 4.83 m/sec speed covers 135.82 m distance in a certain time, how much distance will it cover in the same time at speed 12.43 m/sec?

   (i) 348.53 m   (ii) 349.53 m   (iii) 347.53 m   (iv) 351.53 m   (v) 350.53 m

18. If 17 men can make 102 belts in a day, how many belts are made by 17 men in a day?

   (i) 102   (ii) 100   (iii) 101   (iv) 104   (v) 103

19. If the cost of 210 apples is ₹630.00, how many apples can be purchased for ₹540.00?

   (i) 181   (ii) 183   (iii) 179   (iv) 177   (v) 180

20. The cost of 12 pens is ₹180 and 16 pencils is ₹160. With an amount of ₹460, 18 pens are purchased. How many pencils can be purchased with the remaining amount ?

   (i) 21   (ii) 17   (iii) 20   (iv) 19   (v) 18

21. The slab rates of a city's water department are as follows

Low Val (kl) -	High Val (kl)	Rate Rs/kl
0 -	40	10
40 -	50	15
50 -	70	20
70 -	remaining	25

How much amount has to be paid if the consumption is 42 kl.

(i) ₹456 (ii) ₹418 (iii) ₹436 (iv) ₹430 (v) ₹422

22. A banker gave foreign exchange of $17 for ₹697. How many dollars will the customer get for ₹1025 ?

(i) $30 (ii) $22 (iii) $20 (iv) $28 (v) $25

23. The cost of 14 kg of chillies is ₹280. How much has to be paid to purchase 18 kg of chillies ?

(i) ₹362 (ii) ₹348 (iii) ₹335 (iv) ₹386 (v) ₹360

24. If the cost of 80 apples is ₹800.00, the cost of 100 apples =

(i) ₹1170.00 (ii) ₹1160.00 (iii) ₹850.00 (iv) ₹1000.00 (v) ₹870.00

25. If 15 men can make 30 chappals in a day, how many men are needed to make 50 chappals in a day?

(i) 27 (ii) 24 (iii) 25 (iv) 26 (v) 23

Assignment Key

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