1. A, B, C, D, and E can do a piece of work in
   $10\,days$, $12\,days$, $7\,days$, $13\,days$ and $14\,days$ respectively.
   Who has the greatest capacity to do work?

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

2. The weight of 13 rounds of copper wire is 377 kg. How many rounds of copper wire is present in 464 kg?

   (i) 15 (ii) 16 (iii) 17 (iv) 18 (v) 13

3. If a train travelling at 18.70 m/sec speed covers 506.40 m distance in a certain time, at what speed should it travel to cover 391.04 m distance in the same time ?

   (i) 15.44 m/sec (ii) 16.44 m/sec (iii) 13.44 m/sec (iv) 14.44 m/sec (v) 12.44 m/sec

4. A train from Calcutta travelling at a speed of 380kmph reaches Chennai in 1hr. If the train travels at the speed of 190kmph, what is the time taken to reach Chennai?

   (i) 2 hr (ii) 1 hr (iii) 3 hr (iv) 0 hr (v) 4 hr

5. The sales tax for ₹100 of a bill is ₹18. How much sales tax has to be paid for a bill of ₹157 ?

   (i) ₹23.26 (ii) ₹31.26 (iii) ₹33.26 (iv) ₹28.26 (v) ₹25.26

6. A vehicle can cover certain distance in 90 min, running at a speed of 143 kmph. In how many minutes, the vehicle covers the same distance running at a speed of 78 kmph?

   (i) 141 min (ii) 165 min (iii) 173 min (iv) 190 min (v) 162 min

7. If the cost of 32 apples is ₹640.00, the cost of 140 apples =

   (i) ₹3080.00 (ii) ₹2830.00 (iii) ₹2650.00 (iv) ₹2800.00 (v) ₹2640.00

8. A vehicle can cover certain distance in 45 min, running at a speed of 66 kmph. At what speed must the vehicle run to cover the same distance in 99 min?

   (i) 35 kmph (ii) 25 kmph (iii) 27 kmph (iv) 30 kmph (v) 33 kmph

9. If 9 l of water costs ₹117, how much of water costs ₹351?

   (i) 32 l (ii) 27 l (iii) 30 l (iv) 22 l (v) 24 l

10. In a hostel mess there are provisions enough for 13 students for 19 days. If 5 more students join the hostel, how long will the provisions last ?

    (i) 8.72 days (ii) 13.72 days (iii) 16.72 days (iv) 18.72 days (v) 10.72 days

11. In an eating contest, the eating capacities of A, B and C are 10 gm/sec, 6 gm/sec and 11 gm/sec respectively. If the amount of food to be eaten is 21.06 kg, in how much time is it consumed if all three participants start eating together ?

    (i) 15 min (ii) 13 min (iii) 12 min (iv) 10 min (v) 14 min

12. If a train covers a certain distance at a speed of 11.53 m/sec in 25.14 sec, what should be the speed to cover the same distance in 43.44 sec?

   (i) 7.67 m/sec (ii) 5.67 m/sec (iii) 6.67 m/sec (iv) 4.67 m/sec (v) 8.67 m/sec

13. If Ashish can make 154 burgers in 14 min, in how much time can he complete an order of 363 burgers ?

   (i) 30 min (ii) 28 min (iii) 36 min (iv) 38 min (v) 33 min

14. If 11 dresses cost ₹55, how much will 39 dresses cost?

   (i) ₹171 (ii) ₹187 (iii) ₹208 (iv) ₹213 (v) ₹195

15. A banker gave foreign exchange of $16 for ₹512. How many dollars will the customer get for ₹832 ?

   (i) $23 (ii) $31 (iii) $21 (iv) $26 (v) $29

16. A journey consists of three legs. First 112 km are travelled at a speed of 80 kmph. Next 78 km are travelled at a speed of 60 kmph. Last 15 km are travelled at a speed of 30 kmph. Find the total time taken to complete the journey.

   (i) $3\frac{1}{5}$ hr (ii) 3 hr (iii) 4 hr (iv) $3\frac{2}{5}$ hr (v) $2\frac{2}{3}$ hr

17. 15 workers take 16 days to build a room. After working for 10 days, 9 workers left. In how many more days is the room built ?

   (i) 18.00 days (ii) 10.00 days (iii) 15.00 days (iv) 20.00 days (v) 12.00 days

18. 2 men take 9 days to complete a work.
   How much work is done by one man in one day?

   (i) $\frac{1}{6}$ (ii) $\frac{1}{18}$ (iii) $(\frac{-1}{18})$ (iv) $\frac{1}{9}$ (v) $\frac{1}{2}$

19. If a train travelling at 5.87 m/sec speed covers 193.42 m distance in a certain time, how much distance will it cover in the same time at speed 7.32 m/sec?

   (i) 242.19 m (ii) 243.19 m (iii) 241.19 m (iv) 239.19 m (v) 240.19 m

20. The cost of 10 dozen bananas is ₹440. What is the cost of 16 dozens ?

   (i) ₹712 (ii) ₹680 (iii) ₹704 (iv) ₹699 (v) ₹730

21. If 12 l of fruit drink costs ₹120, how much will 30 l cost?

   (i) ₹300 (ii) ₹292 (iii) ₹287 (iv) ₹326 (v) ₹318

22. 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 -	60	20
60 -	remaining	25

   How much amount has to be paid if the consumption is 48 kl.

   (i) ₹520 (ii) ₹493 (iii) ₹505 (iv) ₹524 (v) ₹538

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

Low Val (kl)	-	High Val (kl)	Rate Rs/kl
0	-	50	11
50	-	60	16
60	-	80	21
80	-	remaining	26

How much amount has to be paid if the consumption is 91 kl.

(i) ₹1416   (ii) ₹1686   (iii) ₹1436   (iv) ₹1256

24. The specification on a printer says that it prints 2100 pages in 30 min. If 7000 pages have to be printed, how long will it take ?

(i) 125 min   (ii) 100 min   (iii) 88 min   (iv) 116 min

25. If 18 men can build $\dfrac{1}{9}$ of a wall in 35 days,

in how much more time is the wall completely built ?

(i) 265 days   (ii) 287 days   (iii) 293 days   (iv) 268 days   (v) 280 days

Assignment Key

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