1. A motor boat can travel at a speed of 53.18 m/sec downstream and 9.30 m/sec upstream. What is the speed of the motor boat in still water?

   (i) 31.24 m/sec   (ii) 33.24 m/sec   (iii) 30.24 m/sec   (iv) 29.24 m/sec   (v) 32.24 m/sec

2. A motor boat can travel at a speed of 37.50 m/sec downstream and 15.26 m/sec upstream. What is the speed of the stream?

   (i) 11.12 m/sec   (ii) 13.12 m/sec   (iii) 12.12 m/sec   (iv) 9.12 m/sec   (v) 10.12 m/sec

3. 12 men and 5 women can do a piece of work in 9 days.
   1 men and 1 women can do the same work in 60 days.
   In how many days can 2 men and 4 women complete the same work?

   (i) $16\dfrac{36}{37}$ days   (ii) $17\dfrac{1}{39}$ days   (iii) $17\dfrac{1}{37}$ days   (iv) $17\dfrac{1}{35}$ days   (v) $17\dfrac{3}{37}$ days

Assignment Key

1) (i)   2) (i)   3) (iii)