1. 2 men and 1 women can do a piece of work in 60 days.

   3 men and 5 women can do the same work in 25 days.

   In how many days can 2 men and 2 women complete the same work?

   (i) $47\dfrac{6}{11}$ days   (ii) $47\dfrac{8}{13}$ days   (iii) $47\dfrac{8}{9}$ days   (iv) $47\dfrac{10}{11}$ days   (v) $47\dfrac{8}{11}$ days

2. A motor boat can travel at a speed of 26.83 m/sec downstream and 20.91 m/sec upstream. What is the speed of the motor boat in still water?

   (i) 23.87 m/sec   (ii) 22.87 m/sec   (iii) 25.87 m/sec   (iv) 24.87 m/sec   (v) 21.87 m/sec

3. A motor boat can travel at a speed of 19.26 m/sec downstream and 10.92 m/sec upstream. What is the speed of the stream?

   (i) 6.17 m/sec   (ii) 5.17 m/sec   (iii) 2.17 m/sec   (iv) 3.17 m/sec   (v) 4.17 m/sec

4. A motor boat can travel at a speed of 39.41 m/sec downstream and 24.03 m/sec upstream. How much distance can the boat travel in 13.81 sec in still water?

   (i) 440.05 m   (ii) 436.05 m   (iii) 438.05 m   (iv) 439.05 m   (v) 437.05 m

5. A motor boat can travel at a speed of 30.14 m/sec downstream and 3.86 m/sec upstream. How much time will it take to cross a distance of 372.13 m in still water?

   (i) 20.89 sec   (ii) 22.89 sec   (iii) 21.89 sec   (iv) 19.89 sec   (v) 23.89 sec

Assignment Key

1) (v)   2) (i)   3) (v)   4) (iii)   5) (iii)