



1. A motor boat can travel at a speed of 33.99 m/sec downstream and 11.77 m/sec upstream. What is the speed of the motor boat in still water?

- (i) 22.88 m/sec (ii) 24.88 m/sec (iii) 20.88 m/sec (iv) 23.88 m/sec (v) 21.88 m/sec

2. A motor boat can travel at a speed of 35.02 m/sec downstream and 16.00 m/sec upstream. What is the speed of the stream?

- (i) 9.51 m/sec (ii) 8.51 m/sec (iii) 7.51 m/sec (iv) 10.51 m/sec (v) 11.51 m/sec

4 men and 5 women can do a piece of work in 10 days.

3. 5 men and 4 women can do the same work in 10 days.

In how many days can 2 men and 5 women complete the same work?

- (i) $13\frac{1}{5}$ days (ii) $13\frac{1}{7}$ days (iii) $12\frac{4}{7}$ days (iv) $12\frac{2}{3}$ days (v) $12\frac{6}{7}$ days

Assignment Key

1) (i)

2) (i)

3) (v)