



1. A motor boat can travel at a speed of 27.39 m/sec downstream and 10.39 m/sec upstream. What is the speed of the motor boat in still water?

(i) 16.89 m/sec (ii) 18.89 m/sec (iii) 20.89 m/sec (iv) 19.89 m/sec (v) 17.89 m/sec

2. A motor boat can travel at a speed of 18.20 m/sec downstream and 6.92 m/sec upstream. What is the speed of the stream?

(i) 5.64 m/sec (ii) 7.64 m/sec (iii) 4.64 m/sec (iv) 3.64 m/sec (v) 6.64 m/sec

4 men and 5 women can do a piece of work in 15 days.

3. 5 men and 2 women can do the same work in 15 days.

In how many days can 3 men and 2 women complete the same work?

(i) 23 days (ii) $23\frac{2}{9}$ days (iii) $23\frac{2}{13}$ days (iv) $23\frac{4}{11}$ days (v) $23\frac{2}{11}$ days

Assignment Key

1) (ii)

2) (i)

3) (v)

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