



1. A motor boat can travel at a speed of 19.36 m/sec downstream and 3.08 m/sec upstream. What is the speed of the motor boat in still water?
(i) 10.22 m/sec (ii) 12.22 m/sec (iii) 13.22 m/sec (iv) 9.22 m/sec (v) 11.22 m/sec
2. A motor boat can travel at a speed of 16.04 m/sec downstream and 6.80 m/sec upstream. What is the speed of the stream?
(i) 4.62 m/sec (ii) 2.62 m/sec (iii) 5.62 m/sec (iv) 3.62 m/sec (v) 6.62 m/sec
3. A motor boat can travel at a speed of 14.65 m/sec downstream and 9.51 m/sec upstream. How much distance can the boat travel in 22.16 sec in still water?
(i) 265.69 m (ii) 268.69 m (iii) 269.69 m (iv) 266.69 m (v) 267.69 m
- 2 men and 1 women can do a piece of work in 24 days.
4. 1 men and 2 women can do the same work in 40 days.
In how many days can 2 men and 5 women complete the same work?
(i) $18\frac{6}{7}$ days (ii) $19\frac{1}{19}$ days (iii) $18\frac{16}{19}$ days (iv) $18\frac{18}{19}$ days (v) $19\frac{1}{17}$ days

Assignment Key

1) (v)

2) (i)

3) (v)

4) (iv)

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