



1. A motor boat can travel at a speed of 27.79 m/sec downstream and 11.41 m/sec upstream. What is the speed of the motor boat in still water?
(i) 19.60 m/sec (ii) 17.60 m/sec (iii) 21.60 m/sec (iv) 18.60 m/sec (v) 20.60 m/sec
2. A motor boat can travel at a speed of 17.64 m/sec downstream and 6.08 m/sec upstream. What is the speed of the stream?
(i) 5.78 m/sec (ii) 3.78 m/sec (iii) 6.78 m/sec (iv) 4.78 m/sec (v) 7.78 m/sec
3. A motor boat can travel at a speed of 64.72 m/sec downstream and 7.88 m/sec upstream. How much distance can the boat travel in 12.14 sec in still water?
(i) 441.68 m (ii) 438.68 m (iii) 440.68 m (iv) 442.68 m (v) 439.68 m
- 1 men and 1 women can do a piece of work in 48 days.
4. 1 men and 8 women can do the same work in 24 days.
In how many days can 5 men and 3 women complete the same work?
(i) $10\frac{2}{9}$ days (ii) $10\frac{4}{11}$ days (iii) $10\frac{2}{13}$ days (iv) 10 days (v) $10\frac{2}{11}$ days

Assignment Key

1) (i)

2) (i)

3) (iii)

4) (v)

Copyright © Small Systems Computing Pvt. Ltd.