# APTITUDE QUIZ

**1. A boat takes 28 hours for travelling downstream from point A to point B and coming back to point C midway between A and B. If the velocity of the stream is 6km/hr and the speed of the boat in still water is 9 km/hr, what is the distance between A and B?**

A.115 km
B.120 km
C.140 km
D.165 km
E.150 km

**2. Speed of a man in still water is 5 km/hr and the river is running at 3km/hr. The total time taken to go to a place and come back is 10 hours. What is the distance travelled?**

A.10 km
B.16 km
C.24 km
D.32 km
E.36 km

**3. A boat running upstream takes 9 hours 48 minutes to cover a certain distance, while it takes 7 hours to cover the same distance running downstream. What is the ratio between the speed of the boat and speed of the water current respectively?**

A.5:2
B.7:4
C.6:1
D.8:3
E.2:5

**4. A boat can travel 20 km downstream in 24 min. The ratio of the speed of the boat in still water to the speed of the stream is 4 : 1. How much time will the boat take to cover 15 km upstream?**

A.20 min

B.22 min

C.25 min

D.30 min

E.35 min

**5. A boat whose speed in 20 km/hr in still water goes 40 km downstream and comes back in a total of 5 hours. The approx. speed of the stream (in km/hr) is:**

A.6 km/hr

B.9 km/hr

C.12 km/hr

D.16 km/hr

E.18 km/hr

**6. A boat covers a certain distance downstream in 2 hour, while it comes back in 2 1/2 hours. If the speed of the stream be 5 kmph, what is the speed of the boat in still water?**

A.40 kmph

B.30 kmph

C.35 kmph

D.45 kmph

E.None of these

**7. A boat running downstream covers a distance of 40 km in 5 hrs and for covering the same distance upstream it takes 10 hrs. What is the speed of the stream?**

A.5 km/hr

B.2 km/hr

C.6 km/hr

D.4 km/hr

E.3 km/hr

**8. A boat goes 4 km against the current of the stream in 1 hour and goes 1 km along the current in 10 minutes. How long will it take to go 15 km in stationary water?**
A.2 hour 15 min
B.2 hour
C.3hr
D.3hr 30 min
E.None of these

**9. A man rows to a place 40 km distant and come back in 9 hours. He finds that he can row 5 km with the stream in the same time as 4 km against the stream. The rate of the stream is:**
A.1 km/hr
B.1.5 km/hr
C.2 km/hr
D.2.5 km/hr
E.None of these

**10. A man can row 8 km/hr in still water. When the river is running at 4 km/hr, it takes him 2 1/3hr to row to a place and come back. How far is the place?**
A.4 km
B.5 km
C.7 km
D.10 km
E.None of these

**11. If Nishu can swim downstream at 6kmph and upstream at 2kmph.What is his speed in still water ?**
A.5 km/hr
B.4 km/hr
C.8km/hr

D.7km/hr

**12. Ashok can row upstream at 8kmph and downstream at 12kmph.What is the speed of the stream ?**
A.6km/hr
B.3km/h
C.2 km/hr
D.4km/hr

**13. A man rows 750m in 775 seconds against the stream and returns in 7 1/2 minutes. What is rowing speed in still water ?**
A.4.7km/hr
B. 4km/hr
C.3.5km/hr
D.6km/hr

**14. A man can row 9 (1/3) kmph in still water and finds that it takes him thrice as much time to row up than as to row down the same distance in the river. What is speed of the current ?**
A. 5km/hr
B. 3(1/2) km/hr
C. 4 (2/3) km/hr
D. 8 (3/2)km/hr

**15. Sham can row a boat at 10kmph in still water. IF the speed of the stream is 6kmph, the time taken to row a distance of 80km down the stream is**
A.4 hours
B.5hours
C.3 hours
D.2 hours

**16. A boat takes 4hours for traveling downstream from point P to point Q and coming back to point P upstream. If the velocity of the stream is 2kmph and the speed of the boat in still water is 4kmph, what is the distance between P and Q?**

A.9 km

B.7 km

C.5 km

D.6 km

**17. Speed of a boat in standing water is 9kmph and the speed of the stream is 1.5kmph. A man rows to a place at a distance of 10.5 km and comes back to the starting point. Find the total time taken by him.**

A.24 hours

B.16 hours

C.20 hours

D.15 hours

**18. A man rows to a place 48km distant and back in 14 hours. He finds that he can row 4km with the stream in the same time as 3km against the stream. Find the rate of the stream.**

A.2 km/hr

B.1 km/hr

C.3 km/hr

D.3.5km/hr

**19. There is road besides a river. Two friends started from a place P, moved to a shopping mall situated at another place Q and then returned to P again. One of them moves on a cycle at a speed of 12 km/hr, while the other sails on a boat at a speed of 10 km/hr. If the river flows at the speed of 4 km/hr, which of the two friends will return to place P?**

A. Both

B. Boater

C. Cyclist

D. None of these

**20. A this usual rowing rate, Mohit can travel 12 miles downstream in a certain river in 6 hours less than it takes him to travel the same distance upstream. But if he could double his usual rowing rate for his 24 miles round trip, the downstream 12 miles would then take only one hour less than the upstream 12 miles**. What is the speed of the current in miles per hour?

A.2.5m/hr

B.4 m/hr

C.8/3 m/hr

D. 5/3m/hr

**ANSWERS**

**1. B**

**2. D**

**3. C**

**4. D**

**5. B**

**6. D**

**7. B**

**8. C**

**9. A**

**10. C**

**11. B**

**12. C**

**13. A**

**14. C**

**15. B**

**16. D**

**17. A**

**18. B**

**19. C**

**20. C**