

Aptitude - Boats & Streams Online Quiz

Following quiz provides Multiple Choice Questions (MCQs) related to **Boats & Streams**. You will have to read all the given answers and click over the correct answer. If you are not sure about the answer then you can check the answer using **Show Answer** button. You can use **Next Quiz** button to check new set of questions in the quiz.



Q 1 - A man can push upstream at 6km/hr and downstream at 10 km/hr. Discover man's rate in still water and the rate of the momentum.

A - 4,5 km/hr

B - 5,6 km/hr

C - 6,8 km/hr

D - 7,9 km/hr

Answer : C

Explanation

Speed in still water = 10 km/hr`Rate in still water = $\frac{1}{2} (10-6)$ km/hr. = 6km/hr`Rate of the current = $\frac{1}{2} (10+6)$ km/hr = 8 km/hr

Hide Answer

Q 2 - A man can push 8km/hr in still water. At the point when the waterway is running at 2km/hr it takes him 3hrs 12min to line to a spot and backs. How far is the spot?

A - 9 km

B - 10 km

C - 11 km

D - 12 km

Answer : D

Explanation

Speed downstream $(8+2)$ km/hr=10km/hr.`Speed upstream= $(8-2)$ km/hr=6km/hr.`Let the required separation be x km.

[Hide Answer](#)

Q 3 - A boat goes 24km downstream in 10 hours. It takes 2 hours more to cover the same separation against the stream. What is the rate of the watercraft in still water?

A - 2.2 km/hr

B - 2.8 km/hr

C - 4 km/hr

D - 4.2 km/hr.

Answer : A

Explanation

Speed downstream = $24/10$ km/hr = 2.4 km/hr` Speed upstream = $24/12$ km/hr = 2 km/hr` Speed of the boat in still water =

[Hide Answer](#)

Q 4 - A steamer goes downstream starting with one port then onto the next in 4 hours. It covers the same separation upstream in 5 hours. In the event that the velocity of the stream is 2km/hr, the separation between the two ports is:

A - 50 km

B - 60 km

C - 70 km

D - 80 km

Answer : D

Explanation

Let the distance between the two ports be x km. Then, Speed downstream $= x/4$ km/hr, Speed upstream $= x/5$ km/hr. Speed

Show Answer

Q 5 - A boat can push 1 km with stream in 10 minutes and 1 km against stream in 20 minutes. What is the rate of the vessel in still Water?

A - 1.5 km/hr

B - 3 km/hr

C - 3.4 km/hr

D - 4.5 km/hr.

Answer : D

Explanation

Distance moved downstream in 10 min = 1 km. Distance moved downstream in 60 min = $(1/10 \times 60)$ km = 6 km. Distance moved

[Hide Answer](#)

Q 6 - In a waterway, a man takes 3 hours in paddling 3 km upstream or 15 km downstream. What is the rate of the current?

A - 2 km/hr

B - 4 km/hr

C - 6 km/hr

D - 9 km/hr.

Answer : A

Explanation

Speed upstream = $3/3$ km/hr = 1 km/hr. Speed downstream = $15/3$ km/hr = 5 km/hr. Speed of current = $1/2 (5 - 1)$ km/hr = 2

[Show Answer](#)

Q 7 - A boat goes 24km upstream and 28 km downstream in 6 hours. It goes 30km upstream and 21km downstream in 6 hours and 30 min. The rate of the vessel in still water is:

A - 4 km/hr

B - 6 km/hr

C - 10 km/hr

D - 14 km/hr.

Answer : C

Explanation

Let the speed of the boat in still water be x km/hr and the speed of the stream be y km/hr. Then, Speed upstream

Hide Answer

Q 8 - A fisher man can push 2km against the stream in 20 min. what's more, return in 15min. What is the rate of the current?

A - 1 km/hr

B - 2 km/hr

C - 3 km/hr

D - None of these

Answer : A

Explanation

Speed upstream = $(2/20 \times 60)$ km/hr = 6 km/hr`Speed downstream = $(2/15 \times 60)$ km /hr = 8km/hr`Speed of the current =

Hide Answer

Q 9 - The current of a stream keeps running at 4km 60 minutes. A boat goes 6 km and back to the beginning stage in 2hour. The rate of the boat in still water is:

A - 6 km/hr

B - 7.5 km/hr

C - 8 km/hr

D - 6.8 km/hr

Answer : C

Explanation

Let the speed in still water be x km/hr. Then, Speed downstream = $(x + 4)$ km/hr, speed upstream = $(x - 4)$ km/hr.

[Hide Answer](#)

Q 10 - A boat sets aside half time in moving a sure separation downstream then upstream. What is the proportion between rate in still Water and rate of current and flow?

A - 1:2

B - 3:1

C - 2:1

D - 1:3

Answer : B

Explanation

Let the speed in each case be x km. Then, $\frac{2x}{(u+v)} = \frac{x}{(u-v)} \Rightarrow 2(u-v) = (u+v) \Rightarrow u = 3v \Rightarrow u/v = 3/1$ Required ratio = 3:1.

Show Answer