

## U.S.C.G. Merchant Marine Exam

Mate Less than 500-1600 Gross Registered Tons Rivers

Q393 Chart – Mississippi River

(Sample Examination)

**Choose the best answer to the following Multiple-Choice Questions.**

1. The following questions (1-10) are based on the Army Corps of Engineers Mississippi River Maps (Cairo to the Gulf) and the Light List.

AHP = Above Head of Passes  
LMR = Lower Mississippi River  
UMR = Upper Mississippi River  
OHR = Ohio River  
ACOE = Army Corps of Engineers

At 0620 on 25 November, you depart Cape Girardeau fleeting area (mile 53.0 UMR) bound for Bisso Towboat Co. Mooring New Orleans, LA, (mile 102.0 AHP).

Your engines are turning for 8.2 mph. You estimate the current at 1.5 mph. What is your speed over the ground?

- A. 9.7 mph
- B. 6.7 mph
- C. 8.8 mph
- D. 8.2 mph

Correct answer: A

2. What is the distance to Caruthersville Gage from Cape Girardeau?

- A. 899.4 miles
- B. 54.4 miles
- C. 793.4 miles
- D. 160.4 miles

Correct answer: D

3. Which dayboard would you see on Puntney Light (mile 943.6 AHP)?

- A. Red diamond
- B. Green square
- C. Red triangle
- D. Green triangle

Correct answer: A

4. What is the distance from the Memphis Gage to Elmwood Marine Services Dock in New Orleans, LA.

- A. 460 miles
- B. 503 miles
- C. 643 miles
- D. 588 miles

Correct answer: C

5. How long will it take you to go from the Memphis Gage to your destination in New Orleans, LA, if you estimate the average current on this segment of the route to be 2.0 mph and you increase the engine turns to 8.5 mph.
- A. 3 days 4 hours 11 minutes
  - B. 2 days 12 hours 15 minutes
  - C. 1 day 20 hours 33 minutes
  - D. 2 days 6 hours 24 minutes

Correct answer: B

6. What is the minimum maintained depth of the channel from Cairo to Baton Rouge during low water?
- A. 12 feet
  - B. 15 feet
  - C. 18 feet
  - D. 9 feet

Correct answer: D

7. You see a buoy with red and green bands. What does this buoy indicate?
- A. The preferred channel
  - B. An isolated danger
  - C. The center of the channel
  - D. A channel crossing

Correct answer: A

8. As you approach Old River Control Structure Light you see a flashing amber light. Which action should you take?
- A. Turn into the inflow channel as the bypass is now open
  - B. Navigate as close to the left descending bank as safety permits
  - C. Slow your engine speed to not more than 5 mph
  - D. Navigate as close to the right descending bank as safety permits

Correct answer: B

9. What are the dimensions of the Old River Lock?
- A. 75 ft x 1190 ft
  - B. 75 ft x 1000 ft
  - C. 100 ft x 990 ft
  - D. 110 ft x 1190 ft

Correct answer: A

10. At 1710 on 27 November, you are abeam of Kings Point Lt. (mile 439.8 AHP). At this time, you receive a message that there will not be space for you at the Redneb Services Dock until after 1200 on the 29th of November. What speed over the ground will you have to slow to so as not to arrive before this time?
- A. 7.9 mph
  - B. 5.4 mph
  - C. 6.9 mph
  - D. 6.1 mph

Correct answer: A