

U.S.C.G. Merchant Marine Exam

Master Less than 500-1600 Gross Registered Tons Rivers

Q389 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

On 21 September, you are making up your tow at the fleeting area in Cairo, IL (mile 980.6 Ohio River). You get underway at 0952 enroute to New Orleans with a mixed tow.

You are turning for 7.8 mph and estimate the current at 1.0 mph. What is your speed over the ground?

- A. 7.8 mph
- B. 7.9 mph
- C. 8.8 mph
- D. 6.8 mph

Correct answer: C

2. What is your ETA at the Memphis Highway Bridge?

- A. 0828, 22 Sept
- B. 1052, 22 Sept
- C. 1405, 22 Sept
- D. 1813, 22 Sept

Correct answer: B

3. What daymark should you see as you approach Parker Landing Light (mile 924.5 AHP)?

- A. Green square
- B. Red and green rectangle
- C. Green triangle
- D. Green diamond

Correct answer: D

4. You pass Morrison Towhead Light (mile 890.5 AHP) at 1723. What was your average speed since leaving Cairo?

- A. 7.8 mph
- B. 8.8 mph
- C. 7.5 mph
- D. 8.5 mph

Correct answer: D

5. At 1723 you increase speed to make good 9.2 mph. At 1937 you have a daymark on your port beam. What daymark is this?
- A. Tiptonville Ferry Landing Daymark
 - B. Merriwether Bend Light and Daymark
 - C. Alaska Light and Daymark
 - D. Tiptonville Light

Correct answer: B

6. The charts show a circle with two black quadrants located at mile 846.0 AHP. What does this indicate?
- A. Hazardous chemical dock
 - B. River Gage
 - C. Betz-Tipton Veneers Terminal
 - D. Bulletin Board

Correct answer: B

7. The Helena Gage reads 9.4 feet. The high point on your towboat is 46 feet above water. What is the vertical clearance when you pass under the Helena Highway Bridge?
- A. 106.1 feet
 - B. 56.0 feet
 - C. 64.2 feet
 - D. 79.5 feet

Correct answer: C

8. What company does NOT have a marine facility along the riverbank in Helena (mile 658 to 665 AHP)?
- A. Arkansas Power & Light Co.
 - B. Helena Grain Co.
 - C. Texas Eastern Pipeline Co.
 - D. Helena Port Terminal, Inc.

Correct answer: B

9. If the Rosedale Gage reads -0.5 feet, what is the water level if the low water reference plane for Rosedale is 3.0 feet?
- A. 0.5 foot below the plane
 - B. 0.5 foot above the plane
 - C. 3.5 feet below the plane
 - D. 2.5 feet above the plane

Correct answer: C

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Illustrations: 0

10. Which of the following describes the river at Cypress Bend, mile 569.0 AHP?

- A. There is a turning basin located on the LDB.
- B. There are revetments on both banks.
- C. The river is three tenths of a mile wide.
- D. There is dredge spoil on both banks.

Correct answer: C