

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

### First Class Pilot

### Q373 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 3 January you get underway from Cambalick Dock, Morganza, LA, (mile 278.3 AHP) enroute to the Valvoline Pier RDB, (mile 176.3UMR). What is the length of the trip?

- A. 878.9 miles
- B. 899.6 miles
- C. 726.0 miles
- D. 851.8 miles

Correct answer: D

2. What are the dimensions of the Old River Lock on the Lower Old River (304 AHP)?

- A. 1202 x 84 feet
- B. 1190 x 75 feet
- C. 1195 x 84 feet
- D. 1195 x 75 feet

Correct answer: B

3. At 2126, you pass Morganza Bend Light (mile 278.4 AHP). At 0122, 4 January, you pass Red River Landing Gage (302.4 AHP). You have been turning for 7.5 mph. What is the current?

- A. 1.8 MPH
- B. 6.2 MPH
- C. 1.4 MPH
- D. 2.7 MPH

Correct answer: C

4. The Gage at Red River Landing reads 22.2 feet. The low water reference plane for Red River is 10.6 feet. How many feet is this above the low water reference plane?

- A. 10.6 ft
- B. 11.6 ft
- C. 22.2 ft
- D. 32.8 ft

Correct answer: B

5. The river will be temporarily closed to navigation at mile 531.3 AHP due to repairs to the bridge. This will occur at 1300, 5 January, and last for six hours. What minimum speed over the ground must you make from Red River Landing Gage to arrive before commencement of repairs in order not to be delayed?
- A. 6.8 mph
  - B. 6.0 mph
  - C. 7.3 mph
  - D. 6.4 mph

Correct answer: D

6. What type of daymark will you see as you approach Joe Pierce Light (mile 335.4 AHP)?
- A. Red square
  - B. Private aid - no daymark
  - C. Red triangle
  - D. Red diamond

Correct answer: C

7. What is the vertical clearance of the Natchez Highway Bridge (westbound) when the river level is the same as the Low Water Reference Plane (6.1 ft)?
- A. 125.6 ft
  - B. 108.3 ft
  - C. 119.4 ft
  - D. 102.2 ft

Correct answer: C

8. The Natchez Gage reads 20.6 feet. The high point on your towboat is 47 feet above the water. What is the vertical clearance as you pass under the Natchez Highway Bridge?
- A. 58.0 feet
  - B. 72.5 feet
  - C. 64.1 feet
  - D. 78.6 feet

Correct answer: A

9. In order to determine what buoys, if any, are in place at Concordia Bar crossing (mile 596.0 AHP), what should you check?
- A. Notice to Mariners
  - B. Bulletin board at the Rosedale Gage
  - C. Light List
  - D. Waterways Journal

Correct answer: A

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Illustrations: 0

- 10.** The area between Island 67 Upper Light (mile 623.1 AHP) and Sunflower Cut-off Foot Light (mile 624.8 AHP) is known as a \_\_\_\_\_.
- A. transit
  - B. slough
  - C. chute
  - D. crossing

Correct answer: D