

U.S.C.G. Merchant Marine Exam

Master Less than 100 Gross Registered Tons

Q403 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 the 10th of May at 1130, you leave the fleeting area at Gartness Lt mile 227.8 (AHP) bound for the Monsanto Terminal in St. Louis mile 178.0 (UMR). Your engines turn for 8.5 mph in still water.

What is the length of the trip?

- A. 405.8 miles
- B. 904.0 miles
- C. 1002.0 miles
- D. 1136.8 miles

Correct answer: B

2. You estimate the current as 2.5 mph. What is the speed over the ground?

- A. 11.0 mph
- B. 8.0 mph
- C. 6.0 mph
- D. 5.5 mph

Correct answer: C

3. As you approach 265 (AHP) you notice on the map a circle with 2 black sectors. What does this symbol indicate?

- A. A river gage
- B. A warning sign
- C. A mooring buoy
- D. A river lock

Correct answer: A

4. From Baton Rouge to Cairo, what is the maintained minimum channel depth during low water?

- A. 9 feet
- B. 12 feet
- C. 15 feet
- D. 30 feet

Correct answer: A

5. On which map would you find Redman Point, Arkansas?

- A. 17
- B. 23
- C. 5
- D. 20

Correct answer: D

6. At 1000, on May 11th, you are passing George Prince Lt. mile 364.1 (AHP) in Natchez, Mississippi and must send an ETA to the terminal in St. Louis mile 178.0 (UMR). Your engines are still turning for 8.5 mph and you estimate the current at 2.5 mph. What will be your arrival time at the terminal in St. Louis?

- A. 1919 on 15 May
- B. 1113 on 16 May
- C. 2344 on 15 May
- D. 1757 on 16 May

Correct answer: D

7. As you approach Ashland Light mile 378.1 (AHP) which daymark would you see?

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

Correct answer: A

8. What is your clearance as you pass under the Vicksburg Highway 80 Bridge mile 437.8 (AHP) if the Vicksburg Gage reads 14.8 feet and the highest point on your tow boat is 44.5 feet?

- A. 36 feet
- B. 42 feet
- C. 48 feet
- D. 57 feet

Correct answer: D

9. What is the horizontal width of the main channel span of the Vicksburg Bridge Interstate 20 at mile 437.7 (AHP)?

- A. 846 feet
- B. 800 feet
- C. 400 feet
- D. 399 feet

Correct answer: A

10. At Filter Point Light mile 475 (AHP) there are 3 close straight dashed lines on the map passing through the black dot below the number 475. What do these lines represent?

- A. Powerlines Overhead
- B. Pipeline Submarine
- C. Cable Submarine
- D. Weir Centerline

Correct answer: B