

AUX-RFO Coxswain Questions

1. What does CBDR mean and is it a good thing?
 - a. Closed bridge dredging rig and is a good thing
 - b. Constant bearing, decreasing range and is not a good thing
 - c. Can buoys aren't dark red and is a good thing
 - d. Check backwards when driving in reverse
2. When is the only time you should deviate from the navigational rules of the road?
 - a. If the other vessel is not using the proper sound signals
 - b. To avoid a collision
 - c. If no one else is obeying them
 - d. If the CG approves it
3. The water temperature is 58° and the air temperature is 61°. What is the appropriate PPE?
 - a. Type III PFD
 - b. Dry suit with supplemental flotation
 - c. Mustang or other survival suit
 - d. None – Auxiliary can't go out when the water temp is below 60°
4. A power driven vessel underway, making way shall, in restricted visibility, sound:
 - a. One prolonged blast every minute
 - b. One prolonged and two short blasts every minute
 - c. One prolonged blast every two minutes
 - d. One prolonged blast and two short blasts every two minutes
5. What is the formula for calculating safe towing speed?
 - a. 1.34 times the square root of the gross tonnage
 - b. 1.34 times the square root of the length of the waterline
 - c. 1.34 times half of the gross tonnage
 - d. 1.34 times half of the length of the waterline
6. What is the true course if the compass course is 280°, variation is 4°W and deviation is 3° east?
 - a. 281°
 - b. 279°
 - c. 287°
 - d. 273°
7. 4 hours and 28 minutes for 55 nautical miles S= ?
 - a. 11.2 KTS
 - b. 13.2 KTS
 - c. 23.1 KTS
 - d. 12.3 KTS
8. What is the arc of visibility of the sidelights?
 - a. 86.4°
 - b. 98.6°

- c. 112.5°
 - d. 135.0°
9. The standard symbol for a lighted buoy is a _____?
- a. Diamond with a circle at one end
 - b. Diamond with a black square
 - c. A question mark
 - d. B "2" or whatever number it is
10. When can a Coast Guard Auxiliary vessel depart from the rules of the road?
- a. To avoid collision
 - b. While enroute to an urgent radio call
 - c. While responding to a mayday
 - d. All of the above
11. The danger signal is _____.
- a. Five or more short blasts
 - b. Five or more prolonged blasts
 - c. Anything which cannot be mistaken for another signal
 - d. Rapid ringing of the bell
12. What is it called when a vessel moves side to side in a stern tow?
- a. Catenary
 - b. Yawing
 - c. Set
 - d. Drift
13. What is the compression/breath ratio for one person CPR?
- a. 4 to 2
 - b. 10 to 1
 - c. 30 to 2
 - d. 60 to 1
14. How many nautical miles are five degrees of latitude?
- a. 5 nautical miles
 - b. 25 nautical miles
 - c. 30 nautical miles
 - d. 300 nautical miles
15. If the lower board of a range marker is to the right of the back, higher board, to which side of the channel are you?
- a. Right

- b. You are in the center of the channel
- c. They don't use range markers anymore
- d. Left

16. 24 minutes D= ? @ 18.5 KTS

- a. 7.9 NM
- b. 7.6 NM
- c. 7.0 NM
- d. 7.4 NM

17. T= ? 11.2 NM 17 knots

- a. 35 minutes and 54 seconds
- b. 39 minutes and 32 seconds
- c. 36 minutes and 54 seconds
- d. 37 minutes and 36 seconds

18. One minute of latitude is equal to?

- a. 60 Degrees
- b. One nautical mile
- c. 5 Miles
- d. 5,280 Feet

19. A junction buoy is a _____.

- a. Mid-channel buoy
- b. Buoy that indicates the preferred channel
- c. Nun buoy
- d. Can buoy

20. An ebb tide :

- a. Flowing out of the inlet, level falling
- b. Flowing out of the inlet, level rising
- c. Moving in from shore, level falling
- d. Moving in from shore, level rising

21. What is the recommended speed of a search vessel actively engaged in a Sector Search

- a. Idle Speed
- b. 06 Knots
- c. Slowest speed possible to maintain steerage
- d. 12 knots

22. During fog lookouts scan slowly and rely greatly on _____?

- a. Radio signals
- b. Radar
- c. Especially good vision

- d. Their ears
23. An Auxiliary patrol vessel should not provide assistance to a contestant in a powerboat race unless requested by _____?
- a. PATCOM
 - b. The race committee
 - c. The pit crew of the disabled vessel
 - d. Spectators who reported the problem
24. A right hand propeller on an inboard engine boat going in reverse tends to:
- a. Reduce the boat's speed
 - b. Cause the boat to turn in tight circles
 - c. Push the stern to starboard
 - d. Push the stern to port
25. To minimize the violent pitching motion when running into heavy seas, the bow should be pointed:
- a. Directly into the waves
 - b. About 45 degrees to either side of the direction from which the waves are coming
 - c. About 20 degrees to either side of the direction from which the waves are coming
 - d. Directly away from the direction of the waves