

OUPV-Navigation General- Test #1

1. A mooring buoy, if lighted, shows which color light?
 - a. yellow
 - b. white
 - c. blue
 - d. any color except red or green

2. The light rhythm of Morse (A) is shown on _____
 - a. preferred channel buoys
 - b. starboard or port-side markers
 - c. special marks
 - d. safe water buoys

3. Variation information can be found on the on the chart in the _____
 - a. center of the compass rose(s)
 - b. indicated by isogonic lines
 - c. found in notes on the chart
 - d. all of the above

4. The lubber's line on a magnetic compass indicates _____
 - a. compass north
 - b. the direction of the vessel's heading
 - c. magnetic north
 - d. a relative bearing taken with an azimuth circle

5. The geographic range is the maximum distance a t which a light may be seen under _____
 - a. existing visibility conditions, limited only by the curvature of the earth
 - b. perfect visibility conditions, limited only by the curvature of the earth
 - c. existing visibility conditions, limited only by the intensity of the light
 - c. perfect visibility conditions, limited only by the interference from background lighting.

6. What is TRUE concerning new editions of Light Lists?
 - a. supplements to new editions are issued monthly by the U.S. Coast Guard
 - b. new editions are published by the National Ocean Survey
 - c. new editions are corrected through the date shown on the title page
 - d. none of the above

7. On navigational aids, what does the light characteristic FL (2+1) mean?
- a flashing light combined with a fixed light of greater brightness
 - light flashes combined in groups, with a different number of flashes in each group
 - a light showing groups of two or more flashes at regular intervals
 - a fixed light varied at regular intervals by groups of two or more flashes of greater brightness
8. A special purpose buoy shall be _____
- lighted with a white light
 - striped black and red
 - lighted with a red light
 - yellow
9. To predict the actual depth of the water using the Tide Tables, the number obtained from the tables is _____
- the actual depth
 - added to or subtracted from the charted depth
 - multiplied by the charted depth
 - divided by the charted depth
10. Information about the currents on the Atlantic Coast of the US. is found in the _____
- Nautical Almanac
 - Tidal Current Tables
 - Ocean Current Tables
 - Tide Tables
11. As you enter a channel from seaward in a U.S. port, the numbers on the starboard side buoys _____
- decrease and the buoys are black
 - increase and the buoys are green
 - decrease and the buoys are red
 - increase and the buoys are red
12. Stormy weather is usually associated with regions of _____
- low barometric pressure
 - high barometric pressure
 - steady barometric pressure
 - changing barometric pressure

13. The cloud formation indicated by #9 in the diagram DO 39 NG is what type of cloud?
- a. stratocumulus
 - b. cirrus
 - c. cumulonimbus
 - d. cumulous
14. Your vessel has been damaged and is taking on water, but you do not need immediate assistance. You would preface a message advising other vessels of your situation with _____
- a. mayday, mayday, mayday
 - b. pan-pan, pan-pan, pan-pan
 - c. security, security, security
 - d. SOS, SOS, SOS
15. When communicating on the radiotelephone using plain English, what procedure work indicates the end of my transmission and that a response is not necessary?
- a. out
 - b. over
 - c. roger
 - d. wilco
16. Buoys are marked with reflective material to assist in their detection by searchlight. Which statement is TRUE?
- a. all safe-water buoys will display red and white vertical stripes of reflective material
 - b. all reflective material is white because it is the most visible at night
 - c. a special purpose mark will display either red or green material to agree with its shape
 - d. a preferred-channel buoy displays either red or green reflective material to agree with the top band of color
17. Information for updating nautical charts is primarily found in the _____
- a. Local Notice to Mariners
 - b. Coast Pilots
 - c. Nautical Chart Catalogue
 - d. Sailing Directions
18. The datum used for sounding on charts of the east coast of the United States is _____
- a. mean low water springs
 - b. mean low water
 - c. mean lower low water
 - d. half tide level

19. Mean high water is the reference plane used for _____
- a. all vertical measurements
 - b. height above water of land features such as lights
 - c. sounding on the east and west coasts
 - d. water depths on the east coast only
20. The chart edition date is printed _____
- a. top center
 - b. lower left corner
 - c. part of the chart title
 - d. any clear area around the neat line

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1. b

2. d

3. d

4. b

5. b

6. c

7. b

8. d

9. b

10. b

11. d

12. a

13. c

14. b

15. a

16. d

17. a

18. c

19. b

20. b