

## Are you ready to become a *DAY SKIPPER*?

To help you determine whether you are booked on the right course, we have produced some questions to test your sailing and navigational knowledge.

Give yourself a point for each question that you can answer. There are 50 points available.

- If you know the answers to most of the questions (35 or more) then you are well prepared for this course.
- If you know half of the answers but can't quite remember answers to some of the others, then you are probably just a little rusty and should use the time before starting your course to brush-up your knowledge.
- If you had difficulty understanding many of the questions and guessed most of the answers then you should speak to us about taking a preparatory course to fill in the gaps in your knowledge.

### 1. Which of the following statements is true and which is false? (8 points)

- In a narrow channel, motor vessels usually keep to the right*
- Spring tides occur only in the spring time*
- The Beaufort scale is used to represent atmospheric pressure*
- A magnetic compass points to the Magnetic Pole not the North Pole and this difference is called Deviation*
- The depth of water is calculated by adding the height of tide to the charted depth*
- The Starboard side is on the right*
- The rear of the boat is also known as the bow*
- Tacking is what you have to do to sail when the wind is directly behind you*

### 2. Buoyage (3 points)

- What type of buoy is this?*
- Which side of the buoy should a boat pass?*
- What is the colour and characteristic of the light?*



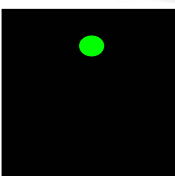
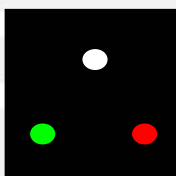
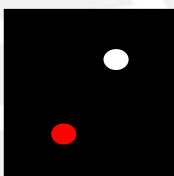
### 3. What do these signals mean (2 points)

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### 4. VHF Radio (2 points)


- On which VHF channel should a voice Mayday be sent?*
- In the UK, with whom do you communicate on VHF Channel 80?*

### 5. What type of vessel is indicated by each set of lights? And what aspect is shown (e.g. stern aspect, port aspect, etc)? (6 points)

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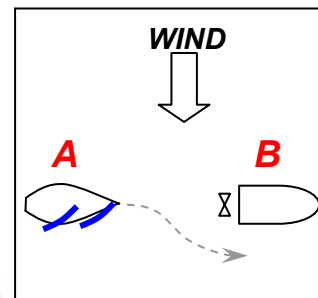
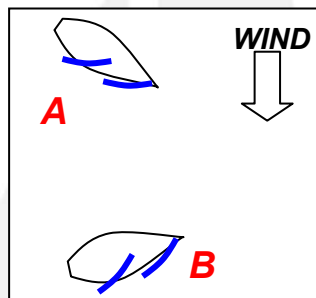
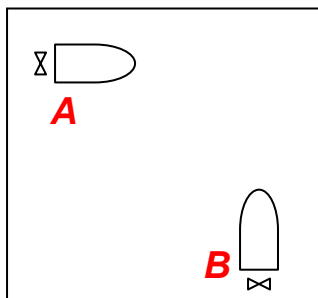
6. What is the meaning of the following chart symbols? (6 points)

a. +                      b. #                      c. FL(2)R.10s

d. 10<sub>3</sub>                  e. Wk                      f. 

7. Which type of flare should you not let off in the vicinity of a helicopter? (1 point)

8. In the following diagrams, the risk of collision exists. In each case, state which vessel should give way (3 points)



9. Match the name of the rope to a task (3 points)

- |            |  |
|------------|--|
| a) Halyard | i) Securing a boat to a pontoon        |
| b) Sheet   | ii) Raising and lowering the main sail |
| c) Warp    | iii) Letting out or pulling in a sail  |

10. List three considerations when selecting an anchorage for the night. (3 points)

11. The shipping forecast is broadcast approximately every 6 hours on BBC Radio 4. List three other means of obtaining a marine weather forecast. (3 points)

12. Does a ship's log measure speed over the ground or speed through the water? (1 point)

13. Calculate the reciprocal of the following bearings? (4 points)

a. 090°                  b. 150°                  c. 057°                  d. 180°

17. You accidentally run aground on soft mud. If the tide is ebbing, will this improve or worsen your immediate chances of floating free? (1 point)

18. Match the names of the knots with the numbered pictures (4 points)

- |                                    |
|------------------------------------|
| a. Round-turn and two Half Hitches |
| b. Reef Knot                       |
| c. Clove Hitch                     |
| d. Rolling Hitch                   |

