

Maritime Technology Essentials

Maritime Technology · Answer Key · 15 Questions

1. What is the primary purpose of a ship's hull?

- A) To generate electricity
- B) To provide buoyancy and structural integrity**
- C) To navigate using stars
- D) To communicate with other ships

2. Which system uses satellite signals to determine a ship's precise location?

- A) Radar
- B) Sonar
- C) GPS (Global Positioning System)**
- D) AIS (Automatic Identification System)

3. What is the main function of a ship's propeller?

- A) To steer the vessel
- B) To generate power
- C) To propel the ship through water**
- D) To anchor the ship

4. What does AIS (Automatic Identification System) primarily transmit about a ship?

- A) Cargo details
- B) Engine status
- C) Identification and location data**
- D) Crew manifest

5. What is the purpose of a ship's anchor?

- A) To increase speed
- B) To keep the ship stationary**
- C) To measure depth
- D) To generate wind power

6. Which technology uses sound waves to detect underwater objects?

- A) Radar
- B) Sonar**
- C) Radio communication
- D) Satellite imagery

7. What is a life jacket designed to do for a person in the water?

- A) Help them swim faster
- B) Keep them afloat**
- C) Signal for help
- D) Navigate the sea

8. What is the primary role of a ship's rudder?

- A) To control engine speed
- B) To maintain buoyancy
- C) To steer the ship**
- D) To anchor the ship

9. Which type of communication system is commonly used on ships for long-distance contact?

- A) Smoke signals
- B) Morse code flags
- C) Radio waves**
- D) Carrier pigeons

10. What is the main function of a ship's bilge pump?

- A) To pump air into the hull
- B) To remove accumulated water from the hull**
- C) To cool the engine
- D) To lubricate the propeller

11. What does 'RADAR' stand for in maritime technology?

- A) Radio Detection and Ranging**
- B) Remote Aid for Distress and Rescue
- C) Reliable Automatic Direction and Navigation
- D) Reconnaissance and Aerial Detection Apparatus

12. What is the purpose of a ship's navigation lights?

- A) To illuminate the deck
- B) To signal its presence and direction to other vessels**
- C) To power onboard equipment
- D) To warn of rough seas

13. Which of the following is a primary means of propelling a large modern ship?

- A) Oars
- B) Sails
- C) Engines (diesel or gas turbine)**
- D) Human power

14. What is the purpose of a ship's lifeboat?

- A) To transport cargo
- B) To provide emergency shelter for the crew and passengers**
- C) To tow smaller vessels
- D) To measure water salinity

15. What is a maritime distress signal commonly used by ships in emergency situations?

- A) Flashing a flashlight three times
- B) Sounding a foghorn continuously
- C) Sending a radio distress call (e.g., Mayday)**
- D) Dropping anchor