

Maritime Technology Explorers

Maritime Technology · Practice Test · 25 Questions

1. What device is used by ships to determine their depth by reflecting sound waves off the seafloor?

- A) Sonar
- B) Radar
- C) Lidar
- D) Thermometer

2. Which invention allows a submarine to see objects on the surface while remaining underwater?

- A) Telescope
- B) Periscope
- C) Microscope
- D) Gyroscope

3. What is the name of the vertical fin at the back of a ship used for steering?

- A) Keel
- B) Propeller
- C) Rudder
- D) Bow

4. Modern ships use a global navigation satellite system to find their exact location; what is the common acronym for this system?

- A) GPS
- B) WIFI
- C) LAN
- D) USB

5. What part of a ship is the lowest structural member that runs along the center of the bottom to provide stability?

- A) Hull
- B) Deck
- C) Keel
- D) Mast

6. Which propulsion system uses a rotating set of blades to push a ship forward through the water?

- A) Oar
- B) Sail
- C) Propeller
- D) Paddlewheel

7. What type of vessel is specifically designed to clear ice from shipping lanes in cold climates?

- A) Icebreaker
- B) Tanker
- C) Ferry
- D) Barge

8. What instrument uses a magnetized needle to always point towards the magnetic north?

- A) Sextant
- B) Compass
- C) Barometer
- D) Chronometer

9. Which heavy metal hook is lowered by a chain to hold a ship in one place at the bottom of the sea?

- A) Weight
- B) Anchor
- C) Derrick
- D) Cleat

10. What do you call the main body of a ship, including the bottom, sides, and deck?

- A) Hull
- B) Cabin
- C) Rigging
- D) Mast

11. What safety device do ships carry that automatically inflates when it hits the water to save crew members?

- A) Life raft
- B) Submarine
- C) Buoy
- D) Anchor

12. Which type of maritime vessel is specifically built to transport large quantities of crude oil?

- A) Container ship
- B) Oil tanker
- C) Cruise liner
- D) Tugboat

13. What electronic tool do ships use to detect other nearby vessels, landmasses, or weather patterns using radio waves?

- A) Sonar
- B) Radar
- C) Compass
- D) Sextant

14. What is the term for a small, powerful boat used to tow or push larger ships into ports?

- A) Tugboat
- B) Cargo ship
- C) Yacht
- D) Lifeboat

15. Which historical navigation tool measured the angle between the sun or a star and the horizon to determine latitude?

- A) Sextant
- B) Compass
- C) Clock
- D) Barometer

16. What is the name of the front part of a ship?

- A) Stern
- B) Bow
- C) Port
- D) Starboard

17. What is the name of the back part of a ship?

- A) Bow
- B) Hull
- C) Stern
- D) Keel

18. What material is commonly used in modern shipbuilding because it is strong and does not rust easily?

- A) Wood
- B) Plastic
- C) Steel
- D) Glass

19. What specialized ship is used to lay long cables across the ocean floor for internet and communication?

- A) Cable layer
- B) Dredger
- C) Tanker
- D) Bulk carrier

20. What is the term for the process of removing mud or sand from the bottom of a harbor to allow ships to pass?

- A) Dredging
- B) Fishing
- C) Sailing
- D) Surfing

21. What type of engine is used on modern large container ships to provide immense power to move thousands of tons of cargo?

- A) Steam engine
- B) Diesel engine
- C) Jet engine
- D) Rocket engine

22. Which system on a ship helps to keep it level and prevent it from capsizing in rough seas?

- A) Ballast tank
- B) Navigation light
- C) Radio antenna
- D) Life jacket

23. What is the name for the right side of a ship when you are facing the front?

- A) Port
- B) Starboard
- C) Stern
- D) Bow

24. What is the name for the left side of a ship when you are facing the front?

- A) Starboard
- B) Port
- C) Stern
- D) Bow

25. Which type of automated underwater vehicle is remotely controlled by a pilot to inspect underwater structures?

- A) ROV
- B) Satellite
- C) Glider
- D) Airplane