

Maritime Technology Explorers

Maritime Technology · Answer Key · 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