

Maritime Technology Basics

Maritime Technology · Answer Key · 25 Questions

1. What is the name of the main vertical structure that supports the sails on a traditional sailing ship?

- A) Keel
- B) Mast**
- C) Hull
- D) Rudder

2. Which navigation system uses a network of satellites to determine the precise location of a ship?

- A) GPS**
- B) Radar
- C) Sonar
- D) Sextant

3. What is the term for the flat bottom structure of a ship that provides stability and structural strength?

- A) Deck
- B) Cabin
- C) Keel**
- D) Bow

4. Which device is used to measure the depth of water beneath a vessel using sound waves?

- A) Anemometer
- B) Echo sounder**
- C) Barometer
- D) Compass

5. What part of a ship is responsible for steering the vessel through the water?

- A) Propeller
- B) Anchor
- C) Rudder**
- D) Bulkhead

6. Which fuel type is most commonly used by large international cargo ships?

- A) Coal
- B) Heavy fuel oil**
- C) Solar power
- D) Nuclear fusion

7. What is the purpose of a ship's 'ballast' tanks?

- A) To store drinking water
- B) To improve stability and balance**
- C) To carry extra cargo
- D) To power the engines

8. Which instrument is used to measure wind speed on a ship's deck?

- A) Anemometer**
- B) Hygrometer
- C) Thermometer
- D) Manometer

9. What is the 'bow' of a ship?

- A) The back end
- B) The right side
- C) The left side
- D) The front end**

10. Which technology allows ships to detect obstacles or other vessels in low visibility conditions?

- A) Telescope
- B) Radar**
- C) Microscope
- D) Stethoscope

11. What is the primary function of a container ship?

- A) To transport passengers
- B) To carry standardized shipping containers**
- C) To catch fish
- D) To conduct ocean research

12. What is the term for the maximum weight a ship can safely carry?

- A) Draft
- B) Deadweight tonnage**
- C) Beam
- D) Freeboard

13. Which type of engine is most commonly found on modern large merchant vessels?

- A) Steam engine
- B) Diesel engine**
- C) Electric motor
- D) Jet engine

14. What is the purpose of an 'AIS' (Automatic Identification System) on a ship?

- A) To track marine life
- B) To share position and vessel data**
- C) To filter seawater
- D) To cook meals

15. What is the 'starboard' side of a ship?

- A) The front
- B) The back
- C) The right side**
- D) The left side

16. What is the name for the measurement of a ship's width at its widest point?

- A) Draft
- B) Beam**
- C) Length
- D) Height

17. Which part of a ship helps prevent it from rolling excessively in heavy seas?

- A) Stabilizers**
- B) Portholes
- C) Anchors
- D) Cleats

18. What does a ship's 'draft' measure?

- A) The speed of the ship
- B) The depth of the hull below the waterline**
- C) The height of the mast
- D) The weight of the cargo

19. Which device is used to hold a ship in place while in a harbor or at sea?

- A) Propeller
- B) Anchor**
- C) Rudder
- D) Mast

20. What is the 'port' side of a ship?

- A) The right side
- B) The left side**
- C) The front side
- D) The back side

21. What is the purpose of a 'dry dock'?

- A) To load containers
- B) To allow maintenance and repairs on a ship's hull**
- C) To refuel the ship
- D) To house the captain

22. Which system is used to automatically maintain a ship's course without manual steering?

- A) Autopilot**
- B) Speedometer
- C) Braking system
- D) Fuel injector

23. What are 'bulkheads' inside a ship?

- A) Exterior windows
- B) Internal walls that provide structural integrity**
- C) The floor panels
- D) The engine parts

24. What do you call the 'left' side of a ship if you are facing the front?

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

25. Which marine technology is specifically designed to reduce the friction of a ship's hull in the water?

- A) Antifouling paint**
- B) Radar
- C) Sonar
- D) GPS