Maritime Technology History and Engineering

Maritime Technology · Practice Test · 15 Questions

1. In what year did the RMS Titanic strike an iceberg during its maiden voyage?

A) 1910
B) 1912
C) 1914
D) 1916

2. The first practical steamship to be commercially successful was the 'Clermont', built by which American inventor in 1807?

A) Robert Fulton
B) Isambard Kingdom Brunel
C) Samuel Cunard
D) John Ericsson

3. What is the standard unit of speed used in maritime navigation, equivalent to one nautical mile per hour?

A) Kilometer
B) Knot
C) Mach
D) Fathom

4. The Suez Canal, which drastically reduced maritime travel distance between Europe and Asia, was officially opened in what year?

A) 1859
B) 1869
C) 1879
D) 1889

5. How many blades does a standard commercial ship propeller typically possess to achieve optimal thrust and efficiency?

A) 1 to 2
B) 3 to 6
C) 10 to 12
D) 15 to 20

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6. The 'SS Great Eastern', designed by Isambard Kingdom Brunel and launched in 1858, was the largest ship in the world for how many decades?

A) One
B) Two
C) Three
D) Four

7. What navigational instrument, invented by John Hadley in 1731, replaced the backstaff for measuring the altitude of celestial bodies?

A) Octant
B) Compass
C) Sextant
D) Astrolabe

8. The International Convention for the Safety of Life at Sea (SOLAS) was first adopted in 1914 as a direct response to the sinking of which ship?

A) RMS Lusitania
B) RMS Titanic
C) HMHS Britannic
D) SS Empress of Ireland

9. In modern maritime navigation, what does the abbreviation 'AIS' stand for?

A) Automated Information System
B) Automatic Identification System
C) Acoustic Integrated Sonar
D) Advanced Inertial Sensor

10. The first diesel-powered ship, the 'Selandia', was launched in which year?

A) 1902
B) 1912
C) 1922
D) 1932

11. How many feet are in a single 'fathom', the traditional unit used to measure the depth of water?

A) 3 feet
B) 6 feet
C) 10 feet
D) 12 feet

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12. Which invention patented in 1836 by Francis Pettit Smith and John Ericsson revolutionized ship propulsion?

A) The paddle wheel
B) The screw propeller
C) The steam turbine
D) The hydrofoil

13. The 'Savannah', the first steamship to cross the Atlantic Ocean in 1819, took how many days to complete the voyage?

A) 19 days
B) 29 days
C) 49 days
D) 69 days

14. What is the maximum speed in knots of a standard 'Panamax' container ship while cruising?

A) 5-10 knots
B) 20-25 knots
C) 40-45 knots
D) 60-70 knots

15. The Global Positioning System (GPS) became fully operational for global civilian use in what year?

A) 1985
B) 1995
C) 2005
D) 2015

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