# Maritime Technology History and Engineering

Maritime Technology · Answer Key · 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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