

Navigation IV
MOCK TEST - MCQs

Q1)

Of the four options below select that which is technically correct with respect to AIS

- a) AIS is a short range system, that operates on VHF frequencies
- b) AIS is a one way centrally managed system that requires local VTS
- c) AIS is a global tracking system that relies on INMARSAT C
- d) AIS is a short range 3cm X band radar system

Q2)

An AIS transponder broadcast and receives information on which of the following

- a) 10 cm S band radar
- b) 3 cm X band radar
- c) UHF L band
- d) VHF Maritime band

Q3)

ECDIS is required to display which of the following information

- a) Radar targets
- b) ARPA vectors
- c) Hydrographic data
- d) Waypoints

Q4)

With respect to GPS, which of the following statements, is theoretically right

- a) It cannot be used in all parts of the world
- b) There are 12 functioning GPS satellites at present
- c) It may be suspended without warning
- d) 2 position lines are required to give a 2D fix

Q5)

In STDMA, each minute of time is divided into

- a) 2250 time slots
- b) 3250 time slots
- c) 4250 time slots
- d) 5250 time slots

Q6)

Which of the following is NOT a type of vessel movement

- a) Surge
- b) Sway
- c) Roll
- d) collision

Q7)

Which of the following is NOT a mandatory sensor , in a typical ECDIS setup

- a) Position Sensor
- b) Heading Sensor
- c)Speed Sensor
- d)Anemometer (Wind Sensor)

Q8)

Which of the following is NOT a typical GPS alarm

- a) An arrival alarm which sounds when approaching a waypoint.

- b) A proximity alarm which sounds when you come within a preset distance of any of several waypoints, regardless of whether they are your destination.
- c) An anchor alarm which sounds when you travel more than a preset distance from a waypoint.
- d) Target lost alarm

Q9)

The method of calculating a GPS receiver position on the surface of the earth (by acquiring four or more satellites) is normally called

- a) Triangulation
- b) Trilateration
- c) Running fix
- d) Parallel indexing

Q10)

In a Doppler log additional transducers are installed, to measure athwartship speed, these are called

- a) Patent log
- b) Dual axis speed log
- c) Electromagnetic speed log
- d) Taffrail log