

54. Which Naval Control of Shipping publication should be aboard your vessel?

- A. NWP-14, "Amphibious Operations"
- B. PUB 102, "International Code of Signals"
- C. ATP-2, Volume II "Allied Control of Shipping Manual - Guide to Masters"
- D. ATP-1, Volume II "Allied Tactical Signals"

Correct answer: C

55. Which is TRUE when a high pressure system is centered north of your vessel in the Northern Hemisphere?

- A. The winds should be brisk
- B. The wind direction is generally easterly
- C. The winds should be from the southwest at your position
- D. You should experience hot, moist, clear weather

Correct answer: B

56. On what does the operation of an aneroid barometer depend?

- A. Column of mercury supported by atmospheric pressure
- B. Curved tube containing alcohol
- C. Thin, metal, air tight cell
- D. Expansion of mercury in a closed tube

Correct answer: C

57. A great circle will intersect the equator at how many degrees of longitude apart?

- A. 0°
- B. 45°
- C. 90°
- D. 180°

Correct answer: D

58. Which type of cloud formation should be of immediate concern to small craft operators?

- A. Cirrus
- B. Altostratus
- C. Cumulonimbus
- D. Nimbostratus

Correct answer: C

59. The distance between any two meridians measured along a parallel of latitude and expressed in miles is the _____.

- A. meridian angle
- B. departure
- C. mid-longitude
- D. difference in longitude

Correct answer: B

60. Which is TRUE when using the radar for navigation?

- A. The best fix is obtained by using a tangent bearing and a range
- B. When crossing a radar range of one object with the visual bearing of a second object, the two objects should be 80° to 110° apart
- C. When using two radar ranges for a fix, the objects of the ranges should be close to reciprocal bearings
- D. When using ranges, the most rapidly changing range should be measured first

Correct answer: D

61. When is a revised print of a chart made?

- A. Every two years to update the magnetic variation information
- B. After every major hydrographic survey of the area covered by the chart
- C. When there are numerous corrections to be made or the corrections are extensive
- D. When a low-stock situation occurs and minor corrections are made

Correct answer: D

62. The GP of a body for a high altitude sight is determined from the declination and which other information?

- A. The Greenwich hour angle of the body
- B. The right ascension of the body
- C. The azimuth of the body
- D. The zenith distance of the body

Correct answer: A

63. A great circle crosses the equator at 17°W . It will also cross the equator at what other longitude?

- A. 17°E
- B. 163°E
- C. 117°W
- D. 173°W

Correct answer: B

64. When adjusting a magnetic compass for error, which is TRUE concerning the deviation table?

- A. Construct the deviation table before correcting for any deviation
- B. Construct the deviation table before the quadrantal correctors are placed on the compass
- C. Construct the table after adjusting the fore-and-aft permanent magnets
- D. Construct the deviation table after correcting for variation

Correct answer: C

65. Your vessel is steering course 243°psc . Variation for the area is 5°E , and deviation is 2°W . The wind is from the south-southeast, producing a 2° leeway. What true course are you making good?

- A. 242°T
- B. 244°T
- C. 246°T
- D. 248°T

Correct answer: D

66. How can Northern Right Whales be identified?

- A. "V" shaped blow easily visible from ahead or behind
- B. Whitish patches of skin on top of the head
- C. No dorsal fin on the back
- D. All of the above

Correct answer: D

67. Under the IALA-A Buoyage System, when entering from seaward which buoy as shown in illustration D046NG below, should be left to port?

- A. A
- B. B
- C. C
- D. D

Correct answer: B

68. What feature(s) of a daymark is (are) used to identify the beacon upon which it is mounted?

- A. Color and shape
- B. Signal characteristics
- C. Method of construction
- D. Size

Correct answer: A

69. While navigating in fog off a coastline of steep cliffs, you hear the echo of the ship's fog horn 4 seconds after the signal was sounded. What is the distance to the shore?

- A. 209 yards
- B. 363 yards
- C. 480 yards
- D. 730 yards

Correct answer: D

70. How is a safe water mark, that can be passed close aboard on either side, painted and lighted?

- A. Black and red stripes with an interrupted quick flashing light
- B. Red and white stripes with a Morse (A) light
- C. Black and red stripes with a Morse (A) light
- D. Black and white stripes with an interrupted quick flashing light

Correct answer: B