

- 1) GPS provides _____?
 - a) Positioning, navigation, and timing services
 - b) Accurate sub terrain tunnel boring
 - c) Deepwater submarine navigation
 - d) All of the above

- 2) EGNOS is a _____ operated by the European Union?
 - a) Regional ground-based augmentation system
 - b) Global ground-based augmentation system
 - c) Regional space-based augmentation system
 - d) Global space-based augmentation system

- 3) Lines of longitude _____.
 - a) Run in an east/west direction
 - b) Measure distance east or west of the prime meridian
 - c) Are equal distances apart
 - d) Are known as parallels

- 4) Which of the following coordinates are NOT one the three standard Latitude/Longitude formats?
 - a) $32^{\circ} 00' 0.00''$ $098^{\circ} 00' 0.00''$
 - b) $32^{\circ} 00'' 0.00'$ $098^{\circ} 00'' 0.00'$
 - c) 32.00000° 098.00000°
 - d) $32^{\circ} 00.00'$ $098^{\circ} 00.00'$

- 5) The three segments that make up the U.S. GPS are _____.
 - a) Differential, static, and dynamic
 - b) Omega, LORAN, and Landmark
 - c) Space, Control, and User
 - d) Stratospheric, Tropospheric, and Ionospheric,

White Track

- 6) True or False: A branch of the military known as “Space Force” is an actual branch of the U.S. armed services and currently oversees the GPS satellite orbits?
- a) True
 - b) False
- 7) In the basic formula $D = r * t$ utilized by GPS receivers to determine positions on the earth, the t refers to the _____.
- a) Time it takes to complete the satellites orbit around the earth
 - b) Speed of the receiver
 - c) Speed of the satellite signal
 - d) Difference between the time the signal was broadcast from the satellite and the time the signal is received by the GPS unit.
- 8) A/An _____ coordinate system models a large region of the Earth as a plane.
- a) Geographic
 - b) Geocentric
 - c) Projected
 - d) Engineering
- 9) GPS receivers obtain a _____ signal from the satellite.
- a) One-way.
 - b) Two-way.
 - c) Bi-lateral.
 - d) Tri-lateral.
- 10) GPS technology is incorporated into which of the following?
- a) Wrist watches
 - b) Shipping containers
 - c) ATMs
 - d) All of the above