

Geodetic Surveying Final Exam

1. Who established the U.S. Coast and Geodetic Survey?
 - A) Thomas Jefferson
 - B) Benjamin Franklin
 - C) George Washington
 - D) Abraham Lincoln
2. Flattening is calculated from what?
 - A) Equipotential surface
 - B) Geoid
 - C) Earth's circumference
 - D) The semi major and Semi minor axis
3. A Reference Frame is based off how many dimensions?
 - A) two
 - B) one
 - C) four
 - D) three
4. Who published "A Treatise on Fluxions"?
 - A) Einstein
 - B) MacLaurin
 - C) Newton
 - D) DaVinci
5. The interior angles of an equilateral planar triangle adds up to how many degrees?
 - A) 360
 - B) 270
 - C) 180
 - D) 90
6. What group started xDeflec?
 - A) NGS
 - B) CGS
 - C) DoD
 - D) ITRF

7. When will NSRS adopt the new time-based system?
- A) 2022
 - B) 2020
 - C) Unknown due to delays
 - D) 2021
8. Did the State Plane Coordinate System of 1927 have more zones than the State Plane Coordinate System of 1983?
- A) No
 - B) Yes
 - C) They had the same
 - D) The State Plane Coordinate System of 1927 did not have zones
9. A new element to the State Plane Coordinate System of 2022 is:
- A) The addition of Low Distortion Projections
 - B) Adjoining tectonic plates
 - C) Airborne gravity collection
 - D) None of the above
10. The model GRAV-D (Gravity for Redefinition of the American Vertical Datum) created will replace _____ and constitute the new vertical height system of the United States
- A) Decimal degrees
 - B) Minutes
 - C) NAVD 88
 - D) All of the above