

FUNDAMENTAL SURVEYING Practice Test Questions and Answers

1. What is the geoid?

- A) The mathematical ellipsoid used as a datum
- B) The equipotential surface of Earth's gravity field that approximates mean sea level
- C) The topographic surface of the Earth
- D) A type of GPS satellite orbit

2. What is a geodetic datum?

- A) A physical benchmark in the ground
- B) A mathematical reference surface and coordinate system used to define positions on Earth
- C) A type of surveying instrument
- D) The legal boundary of a parcel

3. What is a 'control survey'?

- A) A survey performed to verify another surveyor's work
- B) A high-accuracy survey establishing horizontal and/or vertical positions to control subsequent surveys
- C) A legal survey required to obtain a building permit
- D) A survey using quality-control software to check errors

4. What is adverse possession?

- A) A government taking of private property
- B) The acquisition of title to another's land through open, hostile, continuous, and exclusive possession for the statutory period
- C) A lien recorded against a property
- D) A surveying encroachment

Answers: 1-B 2-B 3-B 4-B

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