



BASIC SURVEYING – THEORY AND PRACTICE

4 HOURS

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Final Exam

1. This type of surveying in which the mean surface of the earth is considered as a plane, or in which its spheroidal shape is neglected, with regard to horizontal distances and directions.
 - A. Hydrographic Surveying
 - B. Plane Surveying
 - C. Geodetic Surveying
 - D. Construction Surveying

2. Who were the first known people to use some form of chaining in both land surveying and construction surveying?
 - A. Egyptians
 - B. Americans
 - C. Chinese
 - D. Canadians

3. When level chaining, what is the pointed weight on the end of a string called?
 - A. Pea gun
 - B. Break chaining
 - C. Plumb bob
 - D. Field measurement

4. A Common source of error in chaining is:
 - A. Sag in the chain
 - B. Changes in the temperature of the chain
 - C. Variation in the tension on the chain
 - D. All of the above

5. What decade was the first Electronic Distance Measuring (EDM) equipment developed?
 - A. 1940's
 - B. 1950's
 - C. 1960's
 - D. 1970's

6. These types of angles, right or left, are measured from an extension of the preceding course and the ahead line.
- A. Interior Angles
 - B. Exterior Angles
 - C. Deflection Angles
 - D. Angles to the left
7. Which of the following is a type of Meridian?
- A. False
 - B. Lock
 - C. Saturn
 - D. Magnetic
8. A _____ is a succession of straight lines along or through the area to be surveyed. The direction and lengths of these lines are determined by measurements taken in the field.
- A. Traverse
 - B. Inverse
 - C. Theory
 - D. Dimension
9. This is the process used to determine a difference in elevation between two points.
- A. Horizontal Plane
 - B. Differential Leveling
 - C. GPS Accuracy
 - D. None of the above
10. A _____ is a linear distance of 100 feet along some described alignment.
- A. Task
 - B. Layout
 - C. Stake
 - D. Station