



## Course Instructions

**NOTE:** The following pages contain a preview of the final exam. This final exam is identical to the final exam that you will take online after you purchase the course.

After you purchase the course online, you will be taken to a receipt page online which will have the following link: [Click Here to Take Online Exam](#). You will then click on this link to take the final exam.

### **3 Easy Steps to Complete the Course:**

- 1.) Read the Course PDF – download from our website**
- 2.) Purchase the Course Online & Take the Final Exam – see note above**
- 3.) Print Out Your Certificate**

## Construction Surveying – Earthwork : Final Exam

1. **The cross section used in earthwork computations is a vertical section.**
  - a. True
  - b. False
  
2. **The determination of cross-section areas is \_\_\_\_\_ when the sections are plotted on cross-section paper:**
  - a. complicated.
  - b. not possible.
  - c. not reliable.
  - d. simplified.
  
3. **Regarding Area Computation, the surveyor can determine cross-section areas for construction earthwork volumes by one of the following methods: the counting squares method, the geometric method (geometry of trapezoids and triangles), the \_\_\_\_\_, or the double-meridian-distance method:**
  - a. triangulation method.
  - b. exponential method.
  - c. stripper method.
  - d. perimeter method.
  
4. **Which of the following is NOT an actual method of determining cross-section areas?**
  - a. Counting-Squares Method.
  - b. Exponential Method.
  - c. Geometric Method.
  - d. Stripper Method.
  
5. **When determining *Area by Planimeter*, the surveyor uses a \_\_\_\_\_ planimeter to measure the area of a plotted figure.**
  - a. polar.
  - b. radial.
  - c. parallel.
  - d. aerial.
  
6. **According to Figure 4-6, the planimeter has and anchor arm and a tracing arm.**
  - a. True
  - b. False

**7. Regarding *Procedures*, one rule for using a planimeter is to always measure cut and fill areas \_\_\_\_\_:**

- a. together.
- b. by interpolation.
- c. with a protractor.
- d. separately.

**8. Regarding *Procedures*, a simple method of testing its consistency of operation is to trace an area of 1 square inch with the arm set for a 1:1 ratio. The disk, drum, and vernier combined should read 1.000 for this area.**

- a. True
- b. False

**9. Excavated material is usually classified as \_\_\_\_\_, loose rock, and solid rock:**

- a. common excavation.
- b. soil.
- c. CA-6.
- d. organic material.

**10. Regarding Borrow Pits, when laying out the grid, the surveyor must lay out two baselines parallel to two adjacent sides of the grid for use in reestablishing the grid.**

- a. True
- b. False