

Civil Engineering Surveying Interview Questions and Answers Pdf

1. For hilly region the ideal method of contouring is
 - a. Direct method
 - b. Method of squares
 - c. Cross section method
 - d. Radial line method

Ans: D
2. For the purpose of linear interpolation of contour one can use
 - a. Estimation
 - b. Arithmetic calculations
 - c. Graphical method
 - d. All the above

Ans: D
3. Contour maps are useful for
 - a. Determining intervisibility between two points
 - b. Determining catchment area
 - c. Calculation of reservoir capacity
 - d. All the above

Ans: D
4. An imaginary line joining the point of intersection of the cross hairs of the diaphragm and the optical centre of the object glass is known as
 - a. Axis of telescope
 - b. Axis of level tube
 - c. Line of collimation
 - d. Horizontal axis

Ans: C
5. The process of turning the telescope through 180° in vertical plane is known as
 - a. Transiting
 - b. Plunging
 - c. Reversing
 - d. Any one of the above

Ans: A
6. The process of rotating the telescope of a theodolite in a horizontal plane is known as
 - a. transiting
 - b. plunging
 - c. swinging
 - d. any of the above

Ans: C
7. A theodolite is considered to be in proper condition, if
 - a. The axis of the plate is perpendicular to the vertical axis
 - b. The trunnion axis is perpendicular to the vertical axis
 - c. The axis of the altitude level is parallel to the line of collimation
 - d. All the above

Ans: D
8. By method of repetition in measuring horizontal angle the error that is not eliminated is
 - a. Due to inaccurate graduation
 - b. Due to the line of sight and trunnion axis being out of adjustment

- c. Due to inaccurate bisection
- d. Due to non verticality of vertical signal

Ans: D

9. Trigonometric leveling is used when

- a. Base of the object is accessible
- b. Base of the object is not accessible
- c. In both the above two cases
- d. In none of the above two cases

Ans: B

10. If the base of the object is inaccessible, in trigonometric leveling method to be used is

- a. Single plane method
- b. Double plane method
- c. Any of the above two
- d. None of a and b

Ans: B