Civil Engineering Surveying Objective Questions and Answers Pdf

1. Which one of the following is wrong about level surface?
   a. It is a horizontal plane
   b. It is a surface parallel to mean spheroid of earth
   c. All the points lying on this surface are equidistant from the centre of the earth
   d. It is normal to plumb line at all points
   Ans: A
2. In India mean sea level used for fixing reduced levels is at
   a. Goa
   b. Mumbai
   c. Vishakapatnam
   d. Karachi
   Ans: D
3. Which one of the following is not a self reading staff?
   a. Solid staff
   b. Folding staff
   c. Telescopic staff
   d. Target staff
   Ans: D
4. In external focusing telescope for focusing
   a. Eyepiece is moved
   b. Objective tube is moved
   c. Either eyepiece or objective piece is moved
   d. Neither eyepiece nor objective piece is moved
   Ans: C
5. In leveling height of instrument means
   a. Height of telescope from the ground where instrument is set
   b. Level of the point with respect to assumed datum
   c. It is the elevation of plane of sight from the assumed datum
   d. None of the above
   Ans: C
6. After setting a level, the first sight to be taken is
   a. Foresight
   b. Back sight
   c. Intermediate sight
   d. Any of the above
   Ans: B
7. The point on which both foresight and back sights are taken is
   a. Change point
   b. First station point in the traverse
   c. Last station point in a traverse
   d. The point where level is to be set
   Ans: A
8. The rise and fall method of leveling provides a complete check on
   a. Back sight
   b. Foresight
   c. Intermediate sight

d. All the above

Ans: D

9. Contour interval selected is
   a. Directly proportional to flatness of ground
   b. Larger if the purpose of contouring is for earthwork calculation
   c. Inversely proportional to the scale of map
   d. Directly proportional to time and fund available

   Ans: C

10. Direct method of contouring is suitable for
   a. Small areas
   b. Large areas
   c. Forest areas
   d. Hilly areas

   Ans: A