

**ASSIGNMENT: 7 GEODETIC SURVEYING**

- Q.1** What is triangulation? What are the factors that affect the selection of triangulation stations?
- Q.2** What is meant by triangulation? How will you select base line and triangulation stations? Explain strength of figure.
- Q.3** What is spherical triangle? State the properties of spherical triangle.
- Q.4** Write short note on “ station marks”.
- Q.5** What are the factors that affect the selection of triangulation stations? What considerations you would have while selecting the site for the base line?
- Q.6** What are the various corrections for the base line? Discuss in brief.
- Q.7** Discuss (i) Selection of triangulation station (ii) Reduction to centre in geodetic triangulation.
- Q.8** State the various points to be broadly considered in selection of base line.
- Q.9** What is spherical triangle? State the properties of spherical triangle.
- Q.10** Explain the extension of base with neat sketch.

