

## **AMC-9 : ADVANCED SURVEYING**

### **1. TRIGONOMETRICAL LEVELLING**

Introduction, Heights And Distances, Base Of The Object Accessible, Base Of The Object Inaccessible: Instrument Stations Not In The Same Vertical Plane As The Elevated Object, Geodetical Observations, Axis Signal Correction (Eye And Object Correction), Determination Of Difference In Elevation,

### **2. TRIANGULATION**

Geodetic Surveying, Classification Of Triangulation System, Triangulation Figures Or Systems, The Strength Of Figure, Routine Of Triangulation Survey, Signals And Towers Towers, Non-Luminous Or Opaque Signals, Base Line Measurement, Calculations Of Length Of Base, Measurement Of Horizontal Angles, Satellite Station: Reduction To Centre, Extension Of Base: Base Net.

### **3. TOPOGRAPHIC SURVEYING**

Introduction, Methods Of Representing Relief, Contours And Contour Interval, Characteristics Of Contours, Procedure In Topographic Surveying, Methods Of Locating Contours, Interpolation Of Contours

### **4. ROUTE SURVEYING**

Introduction, Reconnaissance Survey, Preliminary Survey, Location Survey, Construction Survey.

---