

# **COMPARISON BETWEEN PLANE TABLE SURVEY AND CHAIN SURVEY**

1. Chain Survey can be done on a small; flat ground whereas Plane Table Survey can be done in large area and even in undulating ground.
2. In Chain Survey measurement is done in the field and plotting is done in the Office. In Plane Table Survey both measurement and plotting proceed simultaneously, therefore there is less chance of omitting any detailed/object as the area is in view while plotting.
3. Plane Table cannot be use during rainy seasons and in wet climate while Chain Survey can be used in any season or climate.
4. Chain Surveys require few accessories to be carried to the field as to compare to the Plane Table Survey.

5. Plane Table method of survey requires better skills as compare to Chain Survey.
6. A map of only one scale can be prepared with Plane Table whereas map of any scale can be prepared with the Chain Survey method.
7. Chain Survey method is a slow process of map making as compared to Plane Table method.
8. Chain Survey involves direct measurement and as such actual measurement has to be done in the field, whereas in Plane Table Survey direct measurement may be almost entirely dispensed with by using graphical means.
9. Plane Tabling method is cheaper and quicker as compare to Chain Survey method.