

**2020**  
**GEOGRAPHY HONOURS**  
**Paper: CC-04**  
**(Thematic Mapping and Surveying)**  
**Full Marks: 32**

**Group-A -Answer any one question (each within 50 words)                      2x1=2**

1. What are the advantages of Laser distance measurer?
2. What is Wind rose?

**Group-B- Answer any four question (each within 150 words)                      5x4=20**

3. What is the importance's of geological map?
4. What are the characteristics of Monsoon (jun-sep) in Indian sub-continent.?
5. What is NATMO? And discuss its function.
6. Discuss the importance of socio- economic map?
7. Discuss the different parts and activities of prismatic compass.
8. Discuss the characteristics of Land use and Land cover map.
9. Distinguish between primary data and secondary data.
10. For determination of the height and distance of the given object with a Abney level.(Remark-A Station  $15^{\circ}26'0''$ /Instrument height A Station=5.00 metre/ Distance between A and B(object base)=11.00 metre)  
A) Calculated the height of the object above ground.

**Group-C- Answer any one question (each within 500 words)                      10x1=10**

11. For determination of the height and distance of the given object with a theodolite(base inaccessible method)(Remark-A Station  $10^{\circ}0'0''$  And B Station- $13^{\circ}0'0''$ /Instrument height A And B Station=1.40 metre/ Distance between A and B=10.00 metre)  
A) Calculated the height of the object above ground.                      (4)  
B) Calculated the horizontal distance of the object from the first station and second observation station.                      (3)  
C) Calculated the Reduced level (R.L.) of the object where bench mark (B.M.) of the base of the object is 20.00 metre.                      (3)
12. What is Dumpy level? And discuss its different parts and activities.