

2020

GEOGRAPHY-HONOURS-PRACTICAL

Paper-IV

Full Marks-25

Centre Code-542

Module – 08

**Map Interpretation and Survey with Instruments (Pr.)**

Time: 2Hr.

F.M.-25

*Candidates are required to give their answers in their own words as far as practicable. Do not write on the back page*

1. What do you mean by morphometric techniques? Discuss the methodology of calculating Average Slope after Wentworth. Write the importance of Toposheet to gather cultural information. 2+8+3=13
2. a) Calculate the collimation level and reduced level from the following data. 10

Station	Length(m)	Staff Reading			CL (m)	RL (m)	Remarks
		BS	IS	FS			
A	0	3.87					B.M. at station A is 25.00m
B	3		3.68				
C	6		3.50				
D	9		3.30				
E	12		3.35				
F	15	6.28		3.52			CP
G	18		6.13				
H	21		5.95				
I	24		5.90				
J	27		5.80				
K	30			5.70			

b) What is the least count of a meter staff.

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