

UNIVERSITY OF CALCUTTA
GEOGRAPHY(HONS) CC-4
FULL MARKS -50 TIME:2Hrs

Thematic Mapping and Surveying

Group A

1. Write short notes on NATMO and GSI. 10

Group B.

1. Calculate and draw the road profile on the basis of Dumpy level survey .15

STATION	DISTANCE IN Mt	B.S	I.S	F.S	REMARKS
A	0	1.375			BM AT STN A IS 10.580Mt
A1	5		1.290		
A2	10		1.390		
A3	20		1.480		
A4	25		1.565		
A5	35		1.250		
A6	45		1.355		
A7	55		1.525		
A8	75		1.250		
A9	80		1.245		
A10	85		1.455		
B	100			1.350	

Group C

1. What is levelling? Define collimation level and reduced level. Discuss about different parts of a dumpy level with a sketch. 2+4+9 = 15
2. Distinguish between landcover and landuse. Write the full form of NBSSLUP. What is the use of prismatic compass in surveying? 3+2+5 = 10