CHANCHAL COLLEGE

HOME ASSIGNMENT 2021

B.A PART-II

GEOGRAPHY (Honours)

Fourth Paper (Practical)

[New Syllabus]

Full Marks: 50

III)WCB of CD = 222°15'

The figures in the margin indicate full marks.

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1. How to measure of an area by graphical method?		5
2.a)Define Map Projection. Classify map projection based on the projection plane.		1+4
b)Calculate the graticules on Polyconic Projection for the extension 35°N to 75°N and 20°W to 40°E at 10° interval on scale 1:60000000.		
c) State the principles and properties of Sinusoidal Projection. 3+3		
d)Explain the terms: Generating globe, developable surface, standard parallel.		2x3=6
3.a) The following consecutive readings were taken with a leveling instrument at intervals of 20m.		
2.375, 1.730, 0.615, 3.450, 2.835, 2.070, 1.835, 0.985, 0.435, 1.630, 2.255 and 3.630m		
The instrument was shifted after fourth and eighth readings. The last reading was taken on a BM of RL 110.200m. Find the RLs of all the points.		
b)What are the objectives of surveying?		3
c)State the principles of surveying.		
d)Convert the following WCBs to QBs.		1X4=4
i)WCB of AB= 45°30′	ii)WCB of BC = 125°45'	

IV)WCB of DE = $320^{\circ}30'$