

**UNIVERSITY OF CALCUTTA**  
**B.A./B.SC. PART- III GEOGRAPHY GENERAL EXAMINATION, 2020**  
**PRACTICAL EXAMINATION, PAPER- IV, MODULE- IX**  
**(UNDER 1+1+1 SYSTEM)**  
**DATE OF EXAMINATION- 12.10.2020, TIME- 12 NOON- 2 PM, FULL MARKS- 30**

(Answer any two set of questions)

15x2= 30

1. (Answer any **three** questions from question number 1.)
  - a) Describe the main conventional colour & symbols which is used for Landuse-Land cover map. 5
  - b) What are the main Landuse & Land cover features found in a Cadastral Map. 5
  - c) Explain the advantages & disadvantages of Cadastral Map. 5
  - d) What do you mean by Landuse Planning? 5
  
2. Calculate the **Detour Index** with the help of Actual Distance & Direct Distance data. 15

SL NO	PLACE	ACTUAL MAP DISTANCE (CM)	DIRECT MAP DISTANCE (CM)
1	GANGAJALGHATI	3.00	2.95
2	MEJHIA	5.50	5.05
3	BARJORA	4.50	3.25
4	ONDA	2.50	2.30
5	VISHNUPUR	4.00	3.90
6	KOTULPUR	9.00	8.45
7	END POINT OF VISHNUPUR	6.50	6.05
8	Taldangra	3.50	3.40
9	Simlapal	5.00	4.85
10	Raipur	8.00	7.05
11	Sarenga	9.00	7.60
12	End Point of Raipur	10.00	9.40
13	Khatra	12.00	5.10
14	End point of Khatra	15.00	5.20
15	End Point of Bankura	5.00	4.20

3. (Answer any **three** questions from question number 3.)
  - a) Discuss the merits & demerits of Vertical Air Photo. 5
  - b) Distinguish between Topographical Map and Aerial Photograph. 5
  - c) How Oblique Air Photo is Different from Vertical Air Photo. 5
  - d) Write about Principal Point and Conjugate Principal point. 5