

B.A. /B.SC PART III (GENERAL) EXAMINATION, 2020

(Under 1+1+1 System)

BANKIM SARDAR COLLEGE (521)

SUBJECT - GEOGRAPHY (PRACTICAL)

Fourth Paper

Module – IX

(Applied Geographical Techniques-III)

Full Marks – 30

The figures in the margin indicate full marks

Answer any **two** questions among question number 1, 2 and 3.

1. **Land use** (answer any **three** questions)

[5×3= 15]

- a. What is the meaning of cadastral map? What are the importance of cadastral map?
- b. What is land use map? What are the different types of land use map?
- c. State the differences between land use and land cover map?
- d. Copy the table in your answer script and put suitable colours/symbol in the respective boxes, suitable for a land use map.

Feature	Colour /Symbol
River	
Forest	
Agricultural land	
Road	
Post Office	

2. Calculate the Detour Index in a neat table from the following data.

[15]

From Point	To Point	Actual distance (km)	Straight line distance (km)
O	A	3.5	3.25
	B	4.5	4.0
	C	3.25	2.5
	D	3.0	2.0
	E	3.75	2.25
	F	2.25	1.25
	G	4.5	2.5
	H	5.5	4.5
	I	5.0	3.5
	J	6.5	4.5

3. *Air Photo* (answer any **three** questions)

[5×3= 15]

- a. What is air photo? What are the advantages of aerial photographs?
- b. What is Principal Point? What are Fiducial Marks?
- c. Differentiate between air photo and topographical map.
- d. Explain in details, how the following features are identified in an aerial photograph?
 - i. Forest
 - ii. Waterbody
 - iii. River
 - iv. Road
 - v. Settlement
