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PG CBCS
M.A. /M.Sc. Semester-I Examination, 2020
GEOGRAPHY
PAPER: GEO 196
(PRACTICAL)

Full Marks: 50**Time: 4 Hours**

The figures in the right-hand margin indicate full marks.

Attempt all the following questions

Write the answer for each unit in separate sheet

GROUP/UNIT - A

(GEO196.1: ENVIRONMENTAL MAPPING)

1. Write down the estimation procedure of organic carbon in soil. 7
2. Calculate the evenness index of a patch which is covered by different type of vegetation species from the following table and interpret the result. 7

Grid No	Species Name	No. of Individuals	Grid No	Species Name	No. of Individuals
A1	Saal	35	B1	Mehagini	16
	Eucalyptus	12		Eucalyptus	31
	Mehagini	05		Segun	15
A2	Segun	09	B2	Segun	17
	Saal	18		Saal	25
	Eucalyptus	25		Eucalyptus	22
A3	Akashmoni	35	B3	Segun	21
	Segun	11		Mehagini	20
	Eucalyptus	03		Saal	11
A4	Saal	40	B4	Mahua	19
	Mehagini	12		Eucalyptus	33
	Mahua	14		Saal	10

3. Define COD? What is the importance of BOD? What is soil pH?

2+3+1

(P. T. O)

(2)

4. Viva-voce and Practical Note Book.

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GROUP/UNIT - B**(GEO 196.2: PHYSICAL AND SOCIAL THEMATIC MAPPING)**

1. Read the following data carefully and analyze the crop diversity in Jhargram using crop combination method after Rafiullah and interpret the result. 10

Name of The Block	Rice	Wheat	Til	Mustard
Binpur I	738	429	1052	760
Binpur II	20012	353	1853	464
Jhargram	259	160	2833	271
Jamboni	1316	28	78	101
Sankrail	3012	160	583	350

2. Compute the HDI of the following countries and represent the data with a suitable diagram. 10

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Name of the Country	Life Expectancy at Birth (Years)	Expected Years of Schooling (Years)	Mean Years of Schooling (Years)	Gross National Income Per Capita
Nepal	70.8	12.8	5.0	3457
Morocco	76.7	13.7	5.6	7368
Afganishtan	64.8	10.2	3.9	2229

3. Viva-voce and Practical Note Book.

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