

**B.Sc. (Honours) Semester: IV Examination 2020**

**Subject: Geography (Honours)**

**Paper: CC10 (Soil and Biogeography)**

**Full Marks: 50    Time: 2 Hours**

*The figures in the margin indicate full marks.*

*Candidates are required to give their answers in their own words as far as practicable.*

**Internal Examination: 10 Marks**

**Answer any one question (within 150 words)**

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|---|----|
| 1. Discuss the factors of soil formation in brief.                | 10 |
| 2. Differentiate soil erosion from soil degradation with example. | 10 |

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**Theory Examination: 25 Marks**

**Answer any one question (within 500 words)**

1. Discuss the causes of deforestation and its impact on the physical and social environment. 20
2. Define ecotone. Explain the distribution and characteristics of Hot Desert Biome of the world. 20

**Answer any one question (within 50 words)**

3. What do mean by Biodiversity? 5
4. Mention different Biodiversity Hotspots of India. 5

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### **Practical Examination: 15 Marks**

1. Draw a Time Series Graph to show the variation in mangrove covered area of West Bengal (Table No. 1). Compute and draw the trend line by Three Years Moving Averages. 8+4+3

**Table No. 1**

Assessment year	Mangrove covered area in square kilometres
1987	2,076
1988	2,109
1989	2,119
1990	2,119
1991	2,119
1992	2,123
1993	2,125
1994	2,081
1995	2,120
1996	2,136

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