

**2020**  
**4<sup>th</sup> SEMESTER GEOGRAPHY HONOURS**

**Paper: CC-10**

**(Soil and Bio Geography)**

*The figures in the margin indicate full marks*

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

**Group – A**

Answer **any five** questions (each within **50** words)

- |                                                       |   |
|-------------------------------------------------------|---|
| 1. Define Biome.                                      | 2 |
| 2. What is meant by hardpan?                          | 2 |
| 3. What is C:N ratio?                                 | 2 |
| 4. What is ecological community?                      | 2 |
| 5. Distinguish between leaching and capillary action. | 2 |
| 6. What do you mean by humification?                  | 2 |

**Group – B**

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

- |                                                         |   |
|---------------------------------------------------------|---|
| 7. Distinguish between soil texture and soil structure. | 5 |
| 8. Discuss different aspects of pond ecosystem.         | 5 |

**Group – C**

Answer **any one** questions (each within **500** words)

- |                                                                                   |          |
|-----------------------------------------------------------------------------------|----------|
| 9. Describe and explain the process of profile development in Chernozem.          | 5+5=10   |
| 10. What is meant by bio-geo chemical cycle? Explain Nitrogen Cycle with diagram. | 2+6+2=10 |

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