

**SAGAR MAHAVIDYALAYA**  
**INTERNAL EVALUATION- 2020**  
**B.A. Honours (Under CBCS System)**

Semester: IV

Subject: Geography

Paper: CC-10 (Soil and Biogeography)

Full Marks: 50

Time: 2.30 Hours

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**Group- A**

(Theory)

**Category – A**

*Answer **any one** of the following questions (within 500 word) :* **(10)**

1. Discuss about the controlling factors of soil formation. Define soil profile. 8+2
2. Critically explain the energy flow in ecosystem. Define Deforestation. 8+2

**Category – B**

*Answer **any one** of the following questions (within 150 words) :* **(5)**

3. Distinguish between food chain and food web.
4. Differentiate between eluviations and illuviation.

**Category – C**

*Answer **any five** of the following questions (each within 150 words)* **(2x5=10)**

5. Bring out the role of man in soil erosion.
6. Define NPK.
7. Define Biome.
8. Define Ecotone.
9. What is 10 percent law.
10. How does soil PH affect plant growth?
11. What is Biosphere?
12. What is Humus?

**(P.T.O.)**

**Group- B**

(Practical)

Answer **any one** of the following questions :

**15**

13. Draw a ternary diagram and plot the soil texture of the samples with neat dots in the ternary diagrams with the following data and interpret it. 12+3

Sample No.	% of sand	% of silt	% of clay
1	61.55	21.65	16.80
2	71.41	17.23	11.36

14. What is ternary diagram? Explain the uses and significance of ternary diagram.

5+10

**Group- C**

(Internal Assessment)

Answer **any one** of the following questions :

**(10)**

15. Critically explain the causes of deforestation. Distinguish between producer and consumer. **7+3**
16. Discuss about the profile characteristics of lateritic soil? Define solum. **7+3**

Submit your answer script within 30 minutes after exam to following email:

[sagarmvgeo@gmail.com](mailto:sagarmvgeo@gmail.com)

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