

B.Sc. (Part-II) CBCS Pattern Semester-IV
USENVT08 - Environmental Science Paper-II : Forest & Wildlife

P. Pages : 1

Time : Three Hours



GUG/W/23/12009

Max. Marks : 50

- Notes : 1. All questions are compulsory and carry equal marks.
2. Illustrate the answers with suitable diagrams and examples.

1. Discuss forest as material and service provider. 10

OR

- a) Explain forest as an ecosystem. 5
b) Describe the causes of deforestation. 5

2. Describe in- situ and ex-situ measures of gene conservation. 10

OR

- a) Write elaborative note on social forestry. 5
b) Explain ecological factors influencing vegetation. 5

3. Describe threats to wildlife w.r.t. habitat destruction and urbanization. 10

OR

- a) Write about wildlife sanctuary. 5
b) Explain the salient features of project elephant. 5

4. Discuss activities of national NGOs for environmental protection. 10

OR

- a) Give classification of NTFP. 5
b) Write detail note on joint forest management. 5

5. Answer in brief **any ten**. 10

- a) Define carbon sequestration.
b) What is nutrient cycling?
c) Write about forest as a carbon sink.
d) What is agro- forestry?
e) When is *Van Mahotsav* celebrated in India?
f) What is vermicompost?
g) What is ex-situ conservation of wildlife?
h) What are rare species of wildlife?
i) Write any two names of wildlife sanctuaries in India.
j) Write full form of WWF.
k) What are eco villages?
l) Write about Society Act, 1860.
