

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

P. Pages : 1

Time : Three Hours



GUG/W/24/12009

Max. Marks : 50

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

1. Explain forest as material and service provider. 10
OR
a) Explain forest cover monitoring through remote sensing. 5
b) Explain abiotic injuries to forest. 5
2. Describe various grafting techniques used for plant propagation. 10
OR
a) Write an informative note on clonal forestry for improvement of tree. 5
b) Explain ecological factors influencing vegetation. 5
3. Describe ex-situ and in-situ conservation method for wildlife conservation. 10
OR
a) Explain the salient features of project tiger. 5
b) Discuss the categories of threatened species. 5
4. Discuss activities of Greenpeace and IUCN as international NGO for environmental protection. 10
OR
a) Write detail note on joint forest management. 5
b) Write note on Bombay Natural History Society. 5
5. Answer in brief **any ten**. 10
a) Define forest science.
b) What is deforestation?
c) What is nutrient cycling?
d) Define afforestation.
e) When is *Van Mahotsav* celebrated in India?
f) When was the Forest Conservation Act implemented in India?
g) Where is the Centre for Science and Environment situated?
h) Enlist any two names of endangered faunal species.
i) Write any two names of national parks of India.
j) Write full form of NTFP.
k) Write full form of IUCN.
l) Give the full form of WWF
