

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

P. Pages : 1

Time : Three Hours



GUG/S/23/12009

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 methods of forest measurements w.r.t. diameter, girth and volume of trees. 10
- OR**
- a) Describe need and scope of forest science. 5
b) Explain causes of forest fires. 5
2. Discuss nursery techniques w.r.t. layout, preparation of beds and seed sowing. 10
- OR**
- a) Explain forest (Conservation) Act, 1980. 5
b) Describe National Forest Policy of India. 5
3. Discuss threats to wildlife in brief. 10
- OR**
- a) Explain Wildlife (Protection) Act, 1972. 5
b) Describe categories of threatened species. 5
4. Explain people's participation at national and grassroot level in environmental protection. 10
- OR**
- a) Write a short note on Man and Biosphere programme. 5
b) Explain types and classification of Non-Timber Forest Produce. 5
5. Answer in 2-3 lines **any ten.** 1x10
a) Define forest science. =10
b) Explain concept of forest science.
c) Explain briefly causes of deforestation.
d) What is clonal forestry?
e) Write about Van Mahotsav.
f) Give general silvicultural principles.
g) Define wildlife.
h) Write reasons for man-animal conflict.
i) What is a national park?
j) Write full form of UNESCO.
k) What are eco-villages?
l) Write full form of IUCN.
