

D2ABT2003

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Name.....

Reg.No.....

SECOND SEMESTER M.Sc. DEGREE EXAMINATION, APRIL 2021  
BOTANY  
FBOT2C06: ENVIRONMENTAL BIOLOGY, PHYTOGEOGRAPHY AND FOREST BOTANY

Time: 3 Hours

Maximum Weightage: 30

Part A: All questions can be answered. Each carries *two* weightage (Ceiling 6 weightage).

Write short notes on:

1. IUCN
2. Flagship species
3. Seed banks
4. Theory of Land bridge
5. Endemism
6. Keystone species
7. El Nino and La Nina effects

Part B: All questions can be answered. Each carries *four* weightage (Ceiling 12 weightage).

8. Write an account on Remote sensing.
9. Explain habitat destruction and over exploitation of resources.
10. Write an account on positive and negative impacts of ecotourism.
11. Explain energy flow models in ecosystem.
12. Write an account on major forest products of Kerala.
13. Explain *in situ* and *ex situ* conservation.
14. Write an account on greenhouse effect.

Part C: All questions can be answered. Each carries *six* weightage (Ceiling 12 weightage).

15. Explain the concept of environmental impact assessment with suitable case studies.
16. Write an account on various afforestation programmes and Acts.
17. Explain biodiversity conservation strategies.
18. Write an account on various environmental pollution and its effects.