

**TDC Odd Semester Exam., 2020**  
**held in July, 2021**

**ECOLOGY AND ENVIRONMENTAL SCIENCE**

( Pass )

( **5th Semester** )

Course No. : EESP-501

( **Biodiversity Conservation** )

*Full Marks : 35*

*Pass Marks : 12*

*Time : 2 hours*

*The figures in the margin indicate full marks  
for the questions*

Answer **five** questions, selecting **one** from each Unit

UNIT—I

1. (a) What is biodiversity hot spot?  
(b) Describe the criterias used for considering an ecosystem a biodiversity hot spot. Add a note on the species richness of two biodiversity hot spots from India. 2+(3+2)=7

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( Turn Over )

2. (a) What is species diversity?  
(b) Describe the values of biodiversity. Add a note on its conservation measures. 2+(3+2)=7

UNIT—II

3. Describe the role of sacred groves in biodiversity conservation. 7
4. (a) What is the difference between national park and biosphere reserve?  
(b) Describe the protected area network in India. 3+4=7

UNIT—III

5. Describe the wildlife status of Assam. 7
6. (a) What is Red Data Book?  
(b) Differentiate between endangered, threatened and extinct species. 2+5=7

UNIT—IV

7. What is ethnobotany? Add a note on the importance of ethnobiological studies. 7
8. Define Intellectual Property Rights (IPR). Why is IPR important? 2+5=7

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( Continued )

( 3 )

UNIT—V

9. Describe the salient features of the Forest (Conservation) Act, 1980. 7
10. (a) Define convention on biological diversity (CBD).
- (b) Add a note on salient features of Biological Diversity Act, 2002. 2+5=7

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