



RAN - 2003000205020175

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**B. Sc. (Environmental Science - XV) (Sem. - V)**

**Examination March - 2023**

**Env - 505 : Biodiversity and Recent Development**

**Time: 2 Hours ]**

**[ Total Marks: 50**

**સૂચના : / Instructions**

(1)

નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.  
Fill up strictly the details of signs on your answer book

Name of the Examination:

**B. Sc. (Environmental Science - XV) (Sem. - V)**

Name of the Subject :

**Env - 505 : Biodiversity and Recent Development**

Subject Code No.: **2003000205020175**

Seat No.:

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Student's Signature

- (2) Figures to the right indicate full marks.  
(3) Draw neat and labeled diagrams wherever necessary.

**Que. 1 Give specific answer for the each of the following:**

**[12]**

1. Write down two of biodiversity hotspot region of India.
2. Give the full form of IUCN, ISSR?
3. Write down two reasons for biodiversity conservation.
4. Define: alien species. How alien species can affect biodiversity loss?
5. Give two effects of global warming on biodiversity loss.
6. What is Red Data Book. Write two goals of Red Data Book.

**Que. 2 Comment on / Justify any two of the following:**

**[12]**

1. Comment on: Post zygotic reproductive barriers.
2. DNA Barcoding is important molecular marker - Justify.
3. Biodiversity conservation can be done by various methods - Justify.

**Que. 3 Attempt any two of the following: [16]**

1. Explain: Different values of biodiversity.
2. Write a note on: Sympatric Speciation.
3. Give detail account on: Biological hotspot.

**Que. 4 Write short notes on any two of the following: [10]**

1. Dodo bird history.
  2. Types of biodiversity.
  3. Taxonomical arrangements of species.
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