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(20517) Roll No.

B.Sc. Bio. Tech.-I Year

NS-3463

B.Sc. Bio-Technology Examination, May 2017

Biodiversity

(B-109)

(New)

Time : Three Hours] [Maximum Marks : 50

Note : Attempt any five questions. All questions carries equal marks.

1. Discuss the role of biotechnology in the conservation of Biodiversity. 10
2. Explain the followings: 5×2=10
 - (i) Merits of **in-situ** germplasm conservation.
 - (ii) Biosphere reserves.
3. Discuss about the geographical pattern of species richness. 10

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4. Write in detail about the common patterns of overexploitation in terms of biodiversity. 10
5. Discuss about the following: 5×2=10
 - (i) Free Trade & The Environment
 - (ii) Free Trade & Conservation
6. Discuss about the fauna threatened by International trade. 10
7. Discuss about the following: 5×2=10
 - (i) GAP Analysis
 - (ii) FAO
8. Attempt any 2 of the following: 5×2=10
 - (i) Gene Banks
 - (ii) Red Data Books
 - (iii) Biosphere reserves
9. Explain basic concepts of Ecosystem diversity. 10

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10. Write a note on different methods of Measuring Biodiversity with suitable examples.10