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(20516)

B.Sc.(Bio-Tech.)-I Year

Roll No.

NS-3463

B. Sc. (Bio-Tech.) Examination, May 2016

Biodiversity

(B-109)

(New)

Time : Three Hours]

[Maximum Marks : 50

Note: Attempt *Five* questions in all. All questions carry equal marks.

- ~~1~~ Define Biodiversity and discuss about the factors responsible for the loss of biodiversity. 10
2. Give an account of Biodiversity of major ecosystems. 10
3. Discuss about the Global pattern of Biodiversity. 10

(2)

4. Explain the following : 5×2=10
 - (i) Species richness patterns
 - (ii) Biogeography.
5. Explain the methods of cataloging and discovering species. 10
- ~~6.~~ Attempt any two of the following : 5×2=10
 - ~~(i)~~ GAP analysis
 - ~~(ii)~~ *In-situ* conservation
 - (iii) CGIAR.
7. Write a note on the following : 5×2=10
 - (i) Biogeography
 - (ii) Migratory species.
8. Discuss about the problems and issues in controlling international trade of threatened fauna. 10
- ~~9.~~ Attempt any two of the following : 5×2=10
 - ~~(i)~~ Overexploitation
 - (ii) FAO
 - ~~(iii)~~ Local endemics
 - (iv) Biosphere reserves.

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10. Discuss about techniques employed for the conservation of genetic resources. 10