

A (Printed Pages 3)
(20622) Roll No.
B.Sc. (Bio.Tech.)-I Yr.

NS-3463 (N)
B.Sc. Bio-technology
Examination, June-2022
BIODIVERSITY
(B-109)
(New)
(B.Sc. Biotech.)

Time : Three Hours] [Maximum Marks : 50

Note : Attempt any **five** questions. **All** questions carry equal marks.

1. Give a detailed account of basic concepts of Biodiversity. 10
2. Write a note on cataloging & discovering species. 10

P.T.O.

3. Write an essay on Global pattern of biodiversity. 10
4. Write notes on the following: $2 \times 5 = 10$
 - (i) Importance of distribution patterns
 - (ii) Local endemics
5. Comment upon the following: $2 \times 5 = 10$
 - (i) GAP analysis
 - (ii) Migratory species
6. Write a detailed note on problems in controlling international trade. 10
7. Write an essay on over exploitation of Biodiversity & its impact on threat level of living species. 10
8. Comment upon the following: $2 \times 5 = 10$
 - (i) Plant genetic resources
 - (ii) FAO
9. Discuss about the use of germplasm in crop improvement. 10

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10. Define In-situ & Ex-Situ conservation.
Discuss how for these methods
are responsible for biodiversity
conservation. 10