Reg. No. | | | | | | | | | |

BSE 461

Second Semester M.Sc. Degree Examination, Sept./Oct. 2022
BIOSCIENCES
(CBCS)
Biodiversity and Conservation (Open Elective)

Time : 3 Hours Max. Marks : 70

1. Write short notes on **any four** of the following : **(4×4=16)**
   a) Hotspots of biodiversity
   b) Sacred groves
   c) Lichens
   d) Biosphere reserve
   e) Boreal forests
   f) Cultivation of bacteria.

Write explanatory notes on **any five** of the following : **(5×6=30)**

2. Lower group of plants.
3. Cyanobacteria.
4. Centres and significance of biodiversity studies.
5. IUCN Red list categories and criteria.
6. Diversity and abundance indices.
7. Parasites.
8. Edible mushrooms.

Write essays on **any two** of the following : **(2×12=24)**

9. Classify the major ecosystems and explain in detail any two ecosystems you have studied.
10. Explain in-situ and ex-situ conservation using suitable examples.
11. Explain the various plant and animal associations and their significance in ecosystem functions.

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