

**M.Sc. (Micro) Semester - 1 (CBCS) Examination**  
**Jan/Feb.-2022 [OLD COURSE]**  
**BIODIVERSITY AND BIOSYSTEMATICS(CORE)**

**Time: 1:30 Hours****Marks: 42****Instructions:**

1. Figures to the right indicate marks.
2. There are five questions in the question paper.
3. Answer any three of the following questions.

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| Q.1    | Answer the Following. (Any seven out of ten question.)<br>(1) What is ecological diversity?<br>(2) Write mechanisms and working bodies of CBD in short.<br>(3) What is the role of invasive species.<br>(4) Write a few characteristics of fungus.<br>(5) Give scientific name of some common parasites.<br>(6) What is endosperm? Write its function.<br>(7) What do you mean by triploblastic? Give examples.<br>(8) Describe characters of lichens.<br>(9) Give economic importance of mollusks.<br>(10) Explain about mosses. | 14 |
| Q.2    | Answer the Following. (Any two out of three)<br>(1) Describe ecosystem monitoring and rehabilitation.<br>(2) Write about climate change and biodiversity.<br>(3) Explain conservation and sustainable use of biodiversity.                                                                                                                                                                                                                                                                                                        | 14 |
| Q.3    | Answer the Following.<br>(1) Describe Common parasites and pathogens of domestic animals.<br>(2) Explain about cyanobacteria.                                                                                                                                                                                                                                                                                                                                                                                                     | 14 |
| Q.4(A) | Answer the Following.<br>Answer any two out of three.<br>(1) Write detail about plants systematics.<br>(2) Write classification of green protists.<br>(3) Make a note on Mosses.                                                                                                                                                                                                                                                                                                                                                  | 10 |
| B.     | Answer any one out of two.<br>(1) Make a note on seed plants.<br>(2) Write about non-Seed tracheophytes.                                                                                                                                                                                                                                                                                                                                                                                                                          | 04 |
| Q.5    | Write short note on any two out of four.<br>(1) Describe principles of systematics and classification of animals.<br>(2) Explain animal conservation strategies.<br>(3) Write about general characteristics of worms.<br>(4) How fishes are classified? Explain with examples.                                                                                                                                                                                                                                                    | 14 |

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