



# DIRECTORATE OF DISTANCE EDUCATION

L.N. Mithila University, Kameshwaranagar, Darbhanga-846008 (BIHAR)

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## M.Sc. (Botany) Assignment, June, 2023 First Year

### COURSE CODE: BOT101

1. What are the different modes of nutrition in Bacteria ? Explain.
2. Write a detailed note on a diseases caused by virus.
3. Write, in details, about the industrial use of microbes.

### COURSE CODE: BOT102

4. Write a notes on the reproduction in Cyanophytes.
5. Describe the general characteristics features of fungi.
6. What is Fungal - Toxin? Describe the process of cultivation of edible mushroom.

### COURSE CODE: BOT103

1. Write salient features of class-Bryopsida with suitable example.
2. What is Stele? Describe the stellar organization meet in pteridophytes.
3. Write salient features of Oder Sphenophyllales with suitable example.

### COURSE CODE: BOT105

1. Describe the reproductive organs of order caytoniales.
2. Explain the development of gametophyte of Gnetum.
3. Describe the salient feature of the International Code of Botanical Nomenclature.

### COURSE CODE: BOT106

1. Write the structure and function of Mitochondria.
2. What is mutation ? Describe the types of mutation with suitable example.
3. What is genetic code? Describe its function.

### COURSE CODE: BOT107

1. Discuss the role of plant anatomy in relation to taxonomy.
  2. What is Polyembryony ? Describe its various types of development in Angiosperm.
  3. Write the basic principle of plant conservation? Describe, in detail, the process of ex-situ conservation.
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**Note: Last date of Assignment submission (By Post only) - 20.05.2023**

**Send only by Post. (Postal Address:- Director, Directorate of Distance Education, L.N. Mithila University, Denvi Road, Darbhanga- 846004)**