



DIRECTORATE OF DISTANCE EDUCATION

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M.Sc. (Botany) Assignment, June 2023 Final Year

COURSE CODE: BOT109

1. What do you mean by ecosystem ? Describe various components of ecosystem.
2. What is meant by plant succession ? Describe the various stages of succession in xerosere.
3. What are the major green house gases? Discuss the sources, trend and role of these with reference to climated change.

COURSE CODE: BOT110

1. Describe the chemical nature and physiological role of Auxin.
2. Describe the oxidation of glucose upto pyruvic acid formation.
3. Describe, in detail, the different methods of fat synthesis in plant.

COURSE CODE: BOT111

1. What is Maxam Gilbert Method? Explain its application in DNA sequencing.
2. Explain briefly the bacterial transformation through different methods.
3. Write Short Notes on any two fo the following:
 - (a) Standard deviation.
 - (b) Standard error.
 - (c) t-test.

COURSE CODE: BOT113

1. Discuss, in brief, the threats to biodiversity with the help of examples.
2. Describe the techniques of gathering and collecting rain water for reuse, before it reaches the aquifer.
3. What is Cyclones? Explain the management of cyclones disaster in Indian contest

COURSE CODE: BOT114

1. Why is extra care takes while disposing biomedical waste? Describe any three categories of biomedical waste.
 2. Explain about the rare and endangered Indian Plants with giving examples.
 3. What is bioremediation? Give a brief accounts on different aspects of Phytoremediation.
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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)