



DIRECTORATE OF DISTANCE EDUCATION

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Assignment for M.Sc. Botany (Final)

अंकभार: 30%

सभी प्रश्नों के उत्तर दें।

प्रत्येक प्रश्नों के उत्तर 800 शब्दों में दें।

Paper IX

1. Briefly discuss about ecology and environment. Mention the characteristic features of physical environment.
2. Explain the functions and components of forest ecosystem with suitable examples.
3. What is Ozone Depletion and Global Warming ? How it is affecting the nature and environment ?

Paper X

1. What is transpiration ? Explain the mechanism of transpiration with reference to modern concept.
2. What do you mean by seed germination ? Describe the biochemical mechanism of seed germination.
3. Describe the pathway of Calvin Cycle with suitable diagrammatic representation.

Paper XI

1. What is restriction modification system ? Discuss, in detail, about host control restriction and modification.
2. What is gene cloning ? Discuss the procedure and application of gene cloning with help of suitable diagram.
3. Explain the significance of mean, mode and median in biostatistics giving suitable examples of each type.

Paper XIII

1. Discuss the scope and importance of Environmental Studies.
2. What do you mean by Wetland ? Why it is called - kidney of nature ?
3. What type of disaster is caused due to flood ? Explain the necessary precautions during and after the flood.

Paper XIV

1. What is air pollution ? How does it affects the biota including human beings ? Discuss its the control measures.
2. What is Green-House Emission ? How it affects climate ?
3. What is invasive species ? Describe its characteristic features and significance.

***Assignment (दत्तकार्य) जमा करने की अंतिम तिथि 30.06.2022 ***