



DIRECTORATE OF DISTANCE EDUCATION

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Assignment for M.Sc. Zoology (Final)

सभी प्रश्नों के उत्तर दें।

अंकभार: 30%

प्रत्येक प्रश्नों के उत्तर 800 शब्दों में दें।

Paper IX

1. Give an account of various structural models of plasma-membrane.
2. Explain the role of Kinesin and Dyenin in intracellular transport.
3. Describe the structure of DNA molecule with reference to Watson-Crick model.

Paper X

1. Describe the chemical structure of nucleotides participating in the formation of DNA and RNA molecules.
2. Describe the Maxam and Gilbert method of DNA Sequencing.
3. Describe the procedure and applications of Southern blotting technique.

Paper XI

1. What is sex-linked inheritance ? Describe the inheritance of sex-linked characters in human beings.
2. Give an account of Hardy-Weinberg law and its applications.
3. Describe the role of reproductive isolation in evolution.

Paper XIII

1. Write an essay on origin and evolution of fishes.
2. Give an account of the Parental Care in fishes.
3. Describe different helminthic diseases in fishes and methods of their treatment.

Paper XIV

1. Write an essay on cold water fishery in India.
2. What is induced breeding ? Mention its significance in pisciculture.
3. What are different fish by products ? Mention their economic importance.

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