



**KUVEMPU UNIVERSITY**  
**OFFICE OF THE DIRECTOR**  
**DIRECTORATE OF DISTANCE EDUCATION**



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**TOPICS FOR INTERNAL ASSESSMENT ASSIGNMENTS (2010–11)**

**M.Sc. ZOOLOGY (Final Year)**

*Note: Students are advised to read the separate enclosed instructions before beginning the writing of assignments.*

*Out of 15 Internal Assignment marks per paper, 5 marks will be awarded for regularity (attendance) to Counseling/ Contact Programme / Practical classes pertaining to the paper. Therefore, the topics given below are only for 10 marks each paper.*

**Paper V: Aquaculture and Wildlife Studies**

1. Write an essay on culture of shrimps. **05Marks**  
**OR**  
Discuss the concepts of Inland fish farm management and its economics.
2. Discuss the mysteries of migratory behaviour in birds **05Marks**  
**OR**  
Write an essay on mammals and birds census methods.

**Paper VI: Environmental Pollution and Toxicology**

1. Write notes on sources, effects and protection measures of Radiation pollution. **05Marks**  
**OR**  
Describe various stages of treatment of sewage.
2. Explain in detail the mechanism of biotransformation of DDT. **05Marks**  
**OR**  
Write in brief on bio toxins.

**Paper VII: Apiculture and Sericulture**

1. Discuss the modern rearing technique of honeybees and beekeeping. **05Marks**  
**OR**  
Enumerate the pests of honey bees. Add a note on their damage and control measures.
2. Discuss the pests and predators of silk worm. **05Marks**  
**OR**  
Describe fungal diseases of silk worm.

**Paper VIII: Molecular Biology and Biotechnology**

1. Discuss transcription in prokaryotes. **05 Marks**  
**OR**  
Write an account on different types of antisense molecules and their role.
2. Explain the importance of tissue culture in biomedical research. **05 Marks**  
**OR**  
How hormones can be synthesized using Biotechnological methods.

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