



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



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**TOPICS FOR INTERNAL ASSESSMENT ASSIGNMENTS (2015-16)**

**M.Sc. ZOOLOGY (Previous)**

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*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 I: Animal Forms and Functions and Ecobiology**

1. Write an essay on evolution of aortic arches in vertebrates. **05 Marks**
2. Give detailed account on ecological adaptation in terrestrial animals. **05 Marks**

**Paper II: Physiology and Biological Chemistry**

1. Write an essay on Enzymes. **05 Marks**
2. Comment on mechanism of circulation in vertebrates. **05 Marks**

**Paper III: Parasitology and Animal Behavior**

1. Illustrate the Life cycle of Plasmodium sps. **05 Marks**
2. Describe social organization in honey bees. **05 Marks**

**Paper IV: Cytogenetics and Developmental Biology**

1. Describe the cell cycle and its phases. **05 Marks**
2. Explain developmental patterns of unicellular eukaryotes. **05 Marks**

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