



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



**Jnana Sahyadri, Shankaraghatta – 577 451, Karnataka**

Phone: 08282-256246, 256426; Fax: 08282-256370; Website: [www.kuvempuuniversitydde.org](http://www.kuvempuuniversitydde.org)

E-mail: [info@kuvempuuniversitydde.org](mailto:info@kuvempuuniversitydde.org); [ssgc@kuvempuuniversitydde.org](mailto:ssgc@kuvempuuniversitydde.org)

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**TOPICS FOR INTERNAL ASSESSMENT ASSIGNMENTS (2017-18)**

**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. Discuss on evolution of urinogenital system in vertebrates. **05 Marks**
2. Explain the habitat and ecological niche with example. **05 Marks**

**Paper II: Physiology and Biological Chemistry**

1. Discuss overview of regulatory mechanism of digestion with a note on gastro intestinal disorders. **05 Marks**
2. Write a note on protein metabolism. **05 Marks**

**Paper III: Parasitology and Animal Behavior**

1. Write a note on life cycle, transmission and pathogenicity of *Plasmodium vivax*. **05 Marks**
2. What is sexual behavior? Add a note on male and female choice. **05 Marks**

**Paper IV: Cytogenetics and Developmental Biology**

1. Explain the concept of gene. **05 Marks**
2. Describe the molecular events that occur during fertilization. **05 Marks**

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