



# DIRECTORATE OF DISTANCE EDUCATION

L.N. Mithila University, Kameshwaranagar, Darbhanga-846008 (BIHAR)  
Phone & Fax : **06272-246506** Website : [ddelnmu.ac.in](http://ddelnmu.ac.in), E-mail : [director@ddelnmu.ac.in](mailto:director@ddelnmu.ac.in)

---

## M.Sc. (Zoology) Assignment, December, 2021 First Year

### **COURSE CODE: ZOO101**

1. Describe the basic concept of taxonomy.
2. Give an account of the causes of loss in biodiversity.
3. Write an essay on different steps required for conservation of Wildlife in India.

### **COURSE CODE: ZOO102**

1. Describe the different theories of origin of Coelom. Explain the feature of Coelom.
2. Write down the General account and affinities of Ctenophora.
3. Give an account of general organosation and affinities of Phoronida.

### **COURSE CODE: ZOO103**

1. Give a comparative account of Jaw sespensorium in Vertebrates.
2. Give a comparative account of autonomous nervous system in vertebrates.
3. Give an account of the origin and evolution of Rhynchocephalia.

### **COURSE CODE: ZOO105**

1. Define Correlation. Compute coefficient of correlation with suitable examples.
2. Give a detailed description of energy flow in an ecosystem.
3. Describe the Various causative agents of air-pollution and mention their hazardous impacts in human health.

### **COURSE CODE: ZOO106**

1. Derive Michaelis-Menten equation and mention its significances.
2. Describe CO<sub>2</sub> transport in mammalian blood.
3. Define hormones. Write down their chemical nature and functions.

### **COURSE CODE: ZOO107**

1. Discuss the roles of computer in data presentation, analysis and statistical techniques.
2. Describe the principle and procedure of PAS reaction for histochemical detection of Carbohydrates in animal tissues.
3. Describe the Principle, working and applications of flame Photometer.

---

**Note: Last date of Assignment submission (By Post only) - 30.12.2021**

**(Postal Address:- Director, Directorate of Distance Education, L.N. Mithila University, Denvi Road, Darbhanga- 846004)**