



## **B.SC (ZBC) II- SEM**

ZOOL-121	Ecology and Wild Life Biology
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**Last date of Submission - 20/04/2018**

### **Instruction**

- 1) Write the responses to the assignment in your own handwriting.
- 2) Submit the responses to your HOD within the due date.
- 3) Write your name, program and Enrollment nu clearly at the top of the page.

### **ASSIGNMENT – 1**

Q1A. What do you mean by ecology? Describe the subdivision and relationship with other branches of Science.

Q1B. Define environmental. Give brief account of various environmental factors.

Q2A. What is soil? Give an account role of edaphic factor in disruption plant.

Q2B. Write a note on wind or fire as an ecological factors.

### **ASSIGNMENT – 2**

Q1A. Write an essay on zoogeographical distribution of animals.

Q1B. Write an essay on national parks and sanctuaries.

Q2A. Discuss various types of protected area for wild life in India. .

Q2B. What do you understand by ecological succession? Describe various patterns of succession.



## **B.SC (ZBC) II- SEM**

ZOOL-122	CELL BIOLOGY AND GENETICS
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### **ASSIGNMENT – 1**

Q1A. Explain the principal, working and uses of phase contrast microscope.

Q1B. Define the cell. How will you differentiate between the prokaryotic and eukaryotic?

Q2A. What is cytoplasmic matrix? Describe the various theories regarding the physical nature of the Matrix. Also discuss various properties of the matrix.

Q2B. What is the major function of mitochondria?

### **ASSIGNMENT – 2**

Q1A. Describe the structure of chromosome and Watson & Crick model of DNA.

Q1B. Describe the role of DNA in heredity.

Q2A. Discuss the cell division.

Q2B. Explain, genetic diseases and abnormalities.