### DRAVIDIAN

### **UNIVERSITY**

Directorate of Distance Education (DDE) KUPPAM – 517 426:: A.P. Course: II year MSC (Zoology)

Paper – I Cell Biology and Immunology Question Paper for Assignment

Answer any **THREE** of the following **FIVE** Questions.

- 1. Describe the functions of cell Surface Receptors?
- 2. Give a brief account on Cancer?
- 3. Write essay on Oxidative Phosphorylation?
- 4. Write easy on Innate Immunity?
- 5. Give a brief account on Antigen –antibody Interactions?





Directorate of Distance Education (DDE)
KUPPAM – 517 426:: A.P.
Course: II year MSC (Zoology)
Paper – II Molecular biology
Question Paper for Assignment

Answer any  $\underline{THREE}$  of the following  $\underline{FIVE}$  Questions.

- 1. Discuss the Replication in Prokaryotes?
- 2. Write essay on types and Properties of DNA?
- 3. Describe the DNA Finger Printing?
- 4. What is RNA? Write essay on Types of RNA?
- 5. Give a brief account on Western and Northern Blotting?



#### Directorate of Distance Education (DDE) KUPPAM – 517 426:: A.P.

## Course: II year MSC (Zoology) Paper – III -Animal Biotechnology and Microbiology Question Paper for Assignment

Answer any  $\underline{THREE}$  of the following  $\underline{FIVE}$  Questions.

- 1. Discuss the rDNA Technology?
- 2. Write essay on Plasmids?
- 3. Discuss the Phenyl Ketonuria?
- 4. Write essay on Tuberculosis?
- 5. Give a brief account on Protozoan diseases?

# Directorate of Distance Education (DDE) KUPPAM – 517 426:: A.P. Course: II year MSC (Zoology) Paper – IV –Environmental biology Question Paper for Assignment

Answer any **THREE** of the following **FIVE** Questions.

- 1. Give a brief account on Biomes and their Environment?
- 2. Write essay on Eutrophication?
- 3. Discuss the Green House Gases and Green House Effect??
- 4. Write essay on Air Pollution?
- 5. Describe the Bioremediation?





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Directorate of Distance Education (DDE) KUPPAM – 517 426:: A.P. Course: II year MSC (Zoology) Paper – V –Neurobiology

Answer any **THREE** of the following **FIVE** Questions.

- 1. Describe the Neuron Types?
- 2. Discuss the Neuropeptides?
- 3. Give a brief account on Autonomic Nervous system?
- 4. Write essay on Amino acid Neurotransmitters?
- 5. Describe the Synapse types?