

Set-I



DRAVIDIAN UNIVERSITY

Directorate of Distance Education (DDE)

KUPPAM – 517 426:: A.P.

COURSE: M.Sc (Zoology)

PAPER-:ZOO1: INVERTEBRATA & CHORDATA

QUESTION PAPER FOR ASSIGNMENT

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

3x10=30

1. Write an essay on coelom organization in the animal kingdom?
2. Discuss the larval forms of crustaceans?
3. Write an essay on types of scales in the chordates?
4. Compare the heart structure in the chordates?
5. Write an essay on Hearing and tactile responses?

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PAPER II-: GENETICS AND EVOLUTION

QUESTION PAPER FOR ASSIGNMENT

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

3x10=30

1. Discuss the multiple alleles and discuss ABO blood grouping?
2. Write an essay on Gene transfer methods?
3. Discuss the chromosomal abnormalities?
4. Write an essay about Neo-Darwinism?
5. Give a brief account on genetic drift?



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PAPER III-: METABOLIC REGULATION AND CELL FUNCTION

QUESTION PAPER FOR ASSIGNMENT

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

3x10=30

1. Write an essay on thermodynamic principles in biology?
2. Give a brief account on Glycolysis?
3. Discuss the Urea biosynthesis?
4. Write an essay on biosynthesis of nucleotides?
5. Describe the clinical disorders of purine metabolism?

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PAPER IV: TECHNIQUES & TOOLS AND RESEARCH METHADOGY

QUESTION PAPER FOR ASSIGNMENT

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

3x10=30

01. Write an essay on UV-Visible Spectrophotometer?
02. Give a brief account on Autoradiography?
03. Discuss the Kymography?
04. Write an essay on testing of cell viability?
05. Describe the modern animal cell culture laboratory?

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PAPER V: COMPARITIVE ANIMAL PHYSIOLOGY

QUESTION PAPER FOR ASSIGNMENT

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

3x10=30

01. Write essay on Programmed Cell Death (Apoptosis)?
02. Give a brief account on c-Amp Pathway?
03. Discuss the Immune system Organs?
04. Write essay on Cells of the Immune System?
05. Give brief account on Immunological Disorders?