

# Zoology Multidisciplinary

MDC-Zoo-01

Full Marks: 75 (Pass Marks=30)

## UNIT-I: Basic introduction to Zoology

1. Brief introduction to Animal Kingdom
2. Theories of evolution (Lamarckism & Darwinism)
3. Biomolecules: General concept and importance of protein, carbohydrate and fat
4. Brief introduction to endocrine glands (Types, location and secretion)

## UNIT-II

### Health and hygiene:

1. Methods for maintaining hygiene and prophylaxis
2. Balanced diet
3. Malnutrition: Anemia, Kwashiorkor, Marasmus
4. Vitamins: Sources, significance and deficiency diseases

## UNIT-III

### Introduction to disease:

(Causes, mode of infection, symptom and prevention)

1. Communicable Diseases:
  - i. UTI, Tuberculosis
  - ii. CORONA
  - iii. AIDS
2. Non- Communicable Diseases:
  - i. Cancer
  - ii. Diabetes
  - iii. Cardiovascular diseases
  - iv. Asthama
3. Immunity: Innate and Acquired
4. Vaccination

11/08/23

11 Aug 2023

11.08.2023

11/08/23

**UNIT-IV Economic importance of animals:**

1. Apiculture
  2. Sericulture
  3. Lac culture
  4. Fish culture
- 

8/21/23

11 Aug 2023

11.08.2023

11/5/23