



INTEGRATED P.G. ZOOLOGY SEMESTER 1ST

CORE PAPER 1

Credits: 04

Course code: Zol.DSC.18101

Course title: Animal Diversity 1 – Invertebrates

UNIT 1:

- 1.1 Five Kingdom system of classification
- 1.2 General characters of Kingdom Protista and its classification upto subphyla level
- 1.3 Classification of Protistan Protozoa upto order level
- 1.4 Economic importance of Protista

UNIT 2:

- 2.1 General characters of Phylum Porifera and its classification upto order level
- 2.2 General characters of Phylum Cnidaria and its classification upto order level
- 2.3 General characters of Phylum Platyhelminthes and its classification upto order level
- 2.4 Economic importance of Phylum Cnidaria and Platyhelminthes

UNIT 3:

- 3.1 General characters of Phylum Aschelminthes
- 3.2 General characters and classification of Phylum Annelida
- 3.3 An overview of livestock and human parasitic nematodes
- 3.4 Economic importance of Annelida with special reference to organic farming

UNIT 4:

- 4.1 General characters and classification of Phylum Arthropoda upto class level
- 4.2 General characters and classification of Phylum Mollusca upto class level
- 4.3 General characters and classification of Phylum Echinodermata upto class level
- 4.4 Economic importance of Insects and Mollusca