

M.Sc. SEMESTER I

COURSE – 1 Animal Diversity

Credits –3

Paper code: MZO501

Total Marks: 50 (Assignment 10 + Theory Exam 40)

BLOCK–I: SYSTEMATICS

Unit –1 : Theories and concepts of Taxonomy

Unit –2 : Biological Classification

Unit –3 : Methodologies in Systematic

BLOCK – II: DIVERSITY IN ORGANISATION OF INVERTEBRATES

Unit –4 : Coelom

Unit –5 : Circulatory System

Unit –6 : Nervous System

Unit –7 : Excretory System

Unit –8 : Phylogenic Importance of Echinoderm larvae

BLOCK – III: DIVERSITY IN ORGANIZATION OF VERTEBRATA

Unit –9 : Integument

Unit –10: Heart and Circulatory System

Unit –11: Respiratory System

Unit –12: Nervous System, Brain and Sensory Organs