

M.Sc. SEMESTER III

COURSE – 13 Animal Biotechnology

Credits –3

Paper code: MZO603 Total Marks: 50 (Assignment 10 + Theory Exam 40)

BLOCK – I: Fundamental Techniques of Biotechnology

- Unit –1 : Introduction, History and scope of Biotechnology
- Unit –2 : General Histology and Cell Tissue Culture
- Unit –3 : Preparation of Culture Media
- Unit –4 : The Stem Cell
- Unit –5 : Propagation and Maintenance of Tissue Culture
- Unit –6 : Propagation of Cell Lines
- Unit –7 : Cellular aspects of Tumor Cells
- Unit –8 : In Vitro Fertilization and Embryo Transfer