

M.Sc. SEMESTER I

COURSE – 4 Molecular Biology

Credits –3

Paper code: MZO504 Total Marks: 50 (Assignment 10 + Theory Exam 40)

BLOCK–II: MOLECULAR BIOLOGY

Unit –9 : Nucleic Acids

Unit –10 : DNA Replication

Unit –11 : Transcription

Unit –12 : Genetic Code and Protein Synthesis

Unit –13 : Gene Regulation

Unit –14 : Gene Transfer methods in Prokaryotes

Unit –15 : Mobile Genetic Elements

Unit –16 : Cancer