

BIOTECHNOLOGY

SEM - III

Unit - I

- 1) write about polysaccharides/disaccharides? ^{15M}
- 2) Describe about write about classification of proteins? - 15M.
- 3) Give the details information about Enzyme classification? - 15M.
- 4) peptide bond formation? - 4M
- 5) Enzyme inhibition? - 4M
- 6) factors influencing the Enzyme reactions? 4M
- 7) phospholipids - 4M
- 8)

Unit - II

- 1) write about Glycolysis cycle? 15M
- 2) write about Krebs' / tricarboxylic acid cycle? ^{15M}
- 3) Mitochondrial electron transport chain? ^{15M}
- 4) write about UV-vis spectrophotometry? - 15M.
- 5) Give the information about centrifugation - 15M
- 6) write about Gel-Electrophoresis and paper chromatography - 15M
- 7) Thin layer chromatography - 4M
- 8) Beer Lambert's Law - 4M

Unit - III

- 1) write about sampling methods? 15M
- 2) Diagrammatical (or) Graphical representation of data? 15M
- 3) Give Detail information about measure of central tendency? - 15M
- 4) Mean deviation - 4M
- 5) standard deviation - 4M

Unit - IV

- 1) write about probability distribution? - 15M
- 2) Chi-square test - degrees of freedom? 15M
- 3) Detail info Describe about Correlation and regression?
- 4) Null hypothesis - 4M
- 5) Analysis of variance - ANOVA - 15/4M
- 6) T-test - 4M/15M