

M.Sc. (Previous)
Term End Examination, 2016-17

(2)

4. What are Allosteric enzymes ? Describe in detail the principle of allosteric regulation.
5. Describe in detail the structure, functions and classification of carbohydrates.
6. What is the role of accessory pigments during photosynthesis ? Describe in detail the mode of action of various antibiotics.
7. Describe in detail along with equations and formulas, the various laws of thermodynamics. Distinguish between spontaneous and non-spontaneous reactions.
8. Describe in detail the structural features of biomembranes with well labelled diagram.
9. Describe in detail the glycolysis pathway.
10. Write notes on the following :
 - (a) Roles of Co-enzymes
 - (b) Nucleotides
