

M.B.B.S. [1st Prof.]

BF/2009/10

Biochemistry – A

M.M. : 50

Time : 3 Hours

Note : Attempt all questions.

USE SEPARATE ANSWER SHEET FOR EACH PART.

PART - I

1. **Write briefly:**
 - a. Digestion and absorption of dietary Carbohydrates. [2]
 - b. Liposome and its application. [2]
 - c. Fighe test and its importance. [2]
 - d. Specialised productsd of Tyrosine. [2]
2. **Discuss about:**
 - a. Lipid metabolism in Starvation. [4]
 - b. Regulation of enzyme action. [4]
3. **Write short notes on:**
 - a. Diabetic ketoacidosis. [3]
 - b. Hormone sensitive lipase. [3]
 - c. Homocysteine. [3]

PART – II

4. **Write briefly:**
 - a. Glycosylated hemoglobin and its importance. [2]
 - b. Competitive inhibition of enzyme action. [2]
 - c. Respiratory distress syndrome. [2]
 - d. Lipid peroxidation. [2]
5. **Discuss about:**
 - a. Vitamines as Co-enzymes. [4]
 - b. β oxidation of fatty acids. [4]
6. **Write short notes on:**
 - a. Pellagra. [3]
 - b. HDL cycle. [3]
 - c. Secondary structure of protein. [3]
