

M.B.B.S. [ist Prof.]

13F/2014/6

Biochemistry —**M.M. 50****Time : 3 liours****Note : Attempt all questions.****USE SEPARATE ANSWER SHEET FOR EACH PART.****PART - I****1 Write briefly:**

- a. Glycogenesis & Glycogen storage diseases. [5]
- b. Proteoglycans & their significance. [3]

2. Discuss:-

- a. Classification & functions of prostaglandins. [3]
- b. Metabolism of triglycerides. [3]
- c. Acetyl Co A. [3]

3. Write short note on:-

- a. Antioxidant action of vitamins. [3]
- b. Alolipoproteins. [3]
- c. Dietary fibre. [2]

PART

4. Discuss:-

- a. Important compounds synthesized from phenylalanine. [3]
- b. Maple syrup urine disease. [2]
- c. Decarboxylation & deamination reactions. [3]

5. Write briefly:-

- a. Long term complications of diabetes mellitus. [3]
- b. Effect of temperature & pH on enzyme action. [3]
- c. Suicidal inhibition. [2]

6. Write notes on:-

- a. Uncouplers of electron transport chain. [3]
- b. Glycogenolysis & its regulation. [3]
- c. Metabolic reactions catalyzed by riboflavin & thiamin. [3]

— — — — —