

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

BF/2008/07

Biochemistry – B

M.M. : 50

Time : 3 Hours

Note : Attempt all questions.

USE SEPARATE ANSWER SHEET FOR EACH PART.

Part - I

1. Discuss regulation of Gene expression using Lac operon. [8]

2. **Write short notes on:**
 - a. Mutations. [3]
 - b. Metabolic acidosis. [3]
 - c. Transaminases. [3]

3. **Discuss briefly:**
 - a. Thyroid function tests. [4]
 - b. Significance of Iron containing compounds in body. [4]

Part – II

4.
 - a. Give diagnostic importance of Radioisotopes. [4]
 - b. Discuss briefly Dehydration. [4]

 5. **Write short notes on:**
 - a. Electrophoresis. [3]
 - b. Wilson's disease. [3]
 - c. Role of folate in purine synthesis. [3]

 6. **Discuss briefly:**
 - a. Various inhibitors of Translation. [4]
 - b. Write salient features of genetic code. [4]
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