

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

BE/2008/11

Biochemistry – B

M.M. : 50

Time : 3 Hours

Note : Attempt all questions.

USE SEPARATE ANSWER SHEET FOR EACH PART.

Part - I

1. Discuss the Watson Crick model of structure of DNA and mention the features of Z-DNA. [8]
2. **Write short notes on:**
 - a. Metabolic acidosis. [3]
 - b. Eukaryotic primary transcript. [3]
 - c. TLC. [3]
3. **Discuss in brief:**
 - a. Thyroid function tests. [4]
 - b. Gout. [4]

Part – II

4. What is PCR[Polymerase Chain Reaction] technology? Outline the principle of various steps and give its uses. [8]
 5. **Write short notes on:**
 - a. Role of copper in the body. [3]
 - b. DNA library. [3]
 - c. Lesch Nyhan syndrome. [3]
 6. **Discuss in brief:**
 - a. Features of genetic code. [4]
 - b. Nucleosome. [4]
-