

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

13F/2014/6

Biochemistry — B

M.M. : 50

Time : 3 Hours

Note : Attempt all questions.

USE SEPARATE ANSWER SHEET FOR EACH PART.**PART - I****1. Write briefly on:-**

- a. Salient features of the genetic code, [5]
- b. Point mutations. [3]

2. Discuss:-

- a. **Phase-I detoxification** reactions. [3]
- b. Wilson's disease. [3]
- c. Handerson Haselbach equation. [3]

3. Discuss:-

- a. Biochemical basis for altered liver function tests in obstructive Jaundice. [3]
- b. Renal tubular acidosis. [2]
- c. Biologically important nucleotides. [3]

PART - II

- 4. Discuss the important uses of radioisotopes, [7]

5. Write briefly on:-

- a. **tRNA.** [3]
- b. DNA fingerprinting. [3]
- c. Hyperkalemia. [3]

6. Write short notes on:-

- a. Primary Gout. [3]
- b. **Biochemical importance** of calcium in the body. [3]
- c. Diabetes Insipidus. [3]
