

# M.B.B.S. [1<sup>st</sup> Prof.]

BF/2009/07

## Biochemistry – B

M.M. : 50

Time : 3 Hours

*Note :* Attempt all questions.

**USE SEPARATE ANSWER SHEET FOR EACH PART.**

### PART - I

1. Discuss process of Replication in detail. [8]
2. **Discuss in brief:**
  - a. Liver function tests. [4]
  - b. Calcium homeostasis. [4]
3. **Write short notes on:**
  - a. Respiratory alkalosis. [3]
  - b. Western blot. [3]
  - c. PAGE. [3]

### PART – II

4.
    - a. What are sources for synthesis of Purine ring. [4]
    - b. Discuss mechanism of detoxification. [4]
  5. **Write short notes on:**
    - a. Post translation modification of Protein. [3]
    - b. Hyponatremia. [3]
    - c. Wilson's disease. [3]
  6.
    - a. Discuss regulation of blood pH. [4]
    - b. Give an account of application of Genetic engineering. [4]
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