



**BIOCHEMISTRY – II**

**Paper - I (Revised Scheme – 2)**

**Q.P. CODE: 9814**

Your answers should be specific to the questions asked.

Draw neat, labeled diagrams wherever necessary.

**Section A and section B are to be written in same Answer Book**

**Section A - Clinical Biochemistry [50 marks]**

**LONG ESSAY**

**1 X 20 = 20 Marks**

1. Write an essay on Liver function tests.

**SHORT ESSAY**

**3 X 10 = 30 Marks**

2. Write in detail about New born screening.
3. Explain the role of GIT hormones and enzymes in digestion. Describe the methods of evaluation of malabsorption and diarrheal syndromes.
4. Discuss about cardiac markers.

**Section B – Laboratory Management [50 marks]**

**LONG ESSAY**

**1 X 20 = 20 Marks**

5. Write an essay on clinical biochemistry laboratory automation.

**SHORT ESSAY**

**3 X 10 = 30 Marks**

6. Requirements, classification and characteristics of POCT analyzer.
7. Internal and external quality control
8. Explain about clinical utility of therapeutic drug monitoring.

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