



[LF 505]

NOVEMBER 2014

Sub. Code : 4056

**FIRST M.B.B.S. DEGREE EXAMINATION**

**PAPER VI – BIOCHEMISTRY - II**

*Q. P. Code : 524056*

**Time : Three hours**

**Maximum: 50 Marks**

Answer **ALL** questions.

**I. Elaborate on:**

**(1 x 10 = 10)**

1. Describe in detail the steps in protein synthesis. Add a note about Post translational modification and inhibitors of protein synthesis.

**II. Write notes on:**

**(2 x 5 = 10)**

1. What is Blotting technique? Write in detail about Southern blot technique.
2. Give a detailed account of how bilirubin is formed and excreted.

**III. Short Answers on:**

**(10 x 3 = 30)**

1. Write about Glycine Cleavage Systems & mention the derivatives of Glycine.
2. Polyamines.
3. Types of Chromatography. Write in brief about any one type of chromatography.
4. Metabolic Alkalosis.
5. Histamine.
6. Telomere & Telomerase.
7. Write about Protein targeting and its disorders.
8. Met- hemoglobinemias.
9. Normal Serum Electrolyte Values.
10. Nitric Oxide.

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