

[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.
