

[LG 505]

FEBRUARY 2015

Sub.Code : 4056

**FIRST YEAR M.B.B.S. DEGREE EXAMINATION
PAPER VI – BIOCHEMISTRY - II**

Q.P. Code: 524056

Time: Three hours

Maximum : 50 Marks

Answer All Questions

I. Essay: (1 x 10 = 10)

1. What is a Buffer? Describe in detail about the Renal Regulation of Blood pH.

II. Write notes on: (2 x 5 = 10)

1. Purine Salvage pathway
2. Metabolism of Methionine

III. Short answers on: (10 x 3 = 30)

1. Gout
2. Define transcription. Name four post transcriptional modifications
3. Primary Structure of Proteins
4. Metabolic functions Glycine
5. Maple Syrup Urine Disease
6. Hartnup disease
7. Adaptation to High Altitude
8. Genetic code
9. Types of Mutations
10. Structure of tRNA
