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[LG 505] FEBRUARY 2015 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. 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.

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