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[LG 504] FEBRUARY 2015 Sub. Code : 4055

FIRST M.B.B.S. DEGREE EXAMINATION

PAPER V – BIOCHEMISTRY - I

Q. P. Code : 524055

Time : 180 Minutes **Maximum: 50 Marks**

Answer **ALL** questions

I. Essay: **(1 x 10 = 10)**

1. Write in detail about the dietary sources, daily requirement and biochemical functions of Thiamine. Add a note on the deficiency manifestations.

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

1. Apolipoproteins.
2. Metabolism of Adipose tissue in fasting condition.

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

1. Fate of Oxaloacetate.
2. Liver Enzymes.
3. Functions of Magnesium.
4. Dietary fibres.
5. Cytochrome P_{450}.
6. Functions of Phospholipids.
7. Suicide Inhibition.
8. Causes for Abnormal GTT Curves.
9. Biologically important peptides.
10. Biological value of proteins.

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