

[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 P₄₅₀.
6. Functions of Phospholipids.
7. Suicide Inhibition.
8. Causes for Abnormal GTT Curves.
9. Biologically important peptides.
10. Biological value of proteins.
