

[LF 504]

AUGUST 2014

Sub.Code :4055

**FIRST YEAR M.B.B.S. DEGREE EXAM
PAPER V – BIOCHEMISTRY - I**

Q.P. Code: 524055

Time: Three hours

Maximum : 50 Marks

Answer All Questions

I. Essay: **(1x10=10)**

1. Describe the beta oxidation of Palmitic acid and its regulation.

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

1. Coenzymic role of Pyridoxine.
2. Factors regulating blood calcium.

III. Short Answers on: **(10 x3=30)**

1. Wilson's disease.
2. Define isoenzymes and give two examples.
3. Specific dynamic action.
4. Chemiosmotic theory.
5. Von Gierke's disease.
6. Pyruvate dehydrogenase complex.
7. Ionophores.
8. Oral glucose tolerance test.
9. Deficiency manifestations of vitamin D.
10. Biochemical functions of Iron.
