

**QP CODE:103326**

**Reg.No: .....**

**First Year Pharm D Degree Examinations – June 2016**

**Medicinal Biochemistry**

**Time: 3 Hours**

**Total Marks: 70**

- Answer all Questions.
- Draw Diagrams wherever necessary.

**Essay**

**(3x10=30)**

1. Explain the oxidation of nutrients by the TCA cycle.
2. Explain the various forms of enzyme Inhibition with examples.
3. Explain the electron transport chain

**Short notes:**

**(8x5=40)**

4. Urea clearance test
5. DNA replication and repair
6. HMP shunt and its significance
7. Ketone bodies and their clinical significance
8. Diabetes mellitus
9. Radio immunoassay
10. Any two functions of the liver
11. Phenyl ketonuria

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