

**QP CODE: 103326**

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

**First Year Pharm D Degree Examinations July 2018**

**Medicinal Biochemistry**

**Time: 3 Hours**

**Total Marks: 70**

- Answer all Questions.
- Draw Diagrams wherever necessary.

**Essays**

**(3x10=30)**

1. Explain the metabolism of glycogen (synthesis and breakdown) in the liver and muscle
2. Elaborate the electron transport chain with appropriate flow charts
3. Explain briefly the functions of the Liver in the body. Describe any one liver function test

**Short notes:**

**(8x5=40)**

4. ATP - its functions and synthesis
5. Competitive inhibition of enzymes with examples
6. Cholesterol and its clinical significance
7. Inhibitors of electron transport chain
8. Transamination
9. Genetic code
10. Jaundice
11. Lipoproteins

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