

**QP CODE:103326**

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

First Year Pharm D Degree Supplementary Examinations - January 2016

**Medicinal Biochemistry**

**Time: 3 Hours**

**Total Marks: 70**

- Answer all Questions.
- Draw Diagrams wherever necessary.

**Essay**

**(3x10=30)**

1. Explain the de novo biosynthesis of fatty acids in detail
2. Explain the structure of DNA in detail
3. Discuss briefly on the water soluble vitamins

**Short notes:**

**(8x5=40)**

4. Glycogen storage diseases
5. Glucose tolerance test
6. Structure of tRNA
7. Classify carbohydrates with examples
8. Electron transport chain
9. Any three liver function tests
10. Mutation
11. Hormonal regulation of glucose

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