

**QP Code: 302020**

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

**Third Year B.Sc. Medical Biochemistry Examinations October 2017**

**Clinical biochemistry**

**Time: 3 Hours**

**Total Marks: 80**

- **Answer all questions**
- **Draw diagrams wherever necessary**

**Essay**

**(2x15=30)**

1. What are plasma proteins. Describe their functions. Add a note on acute phase proteins.
2. Define Detoxification. Describe Phase -I & Phase –II detoxification with example.

**Short Essay**

**(2x10=20)**

3. Acute complications of DM
4. Atherosclerosis

**Short Answers**

**(4x5=20)**

5. Drug monitoring of •Lithium •Digitalis
6. Biochemical basis of ageing
7. Anion Gap
8. Acute phase proteins

**Comment on**

**(5x2=10)**

9. HDL Cholesterol
10. Jaffe's reaction
11. Functions of Albumin
12. Extra cellular anions
13. Functions of copper

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