

QP Code: 302020

Reg. No.....

Third Year B.Sc. Medical Biochemistry Supplementary Examinations

April 2018

Clinical biochemistry

Time: 3 Hours

Total Marks: 80

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

Essay

(2x15=30)

1. Define hypoglycaemia. Describe the causes and clinical presentation. Explain the biochemical tests to be done in hypoglycemia.
2. Describe the metabolism of without and the toxic effects of ethanol. How ethanol is detoxified.

Short Essay

(2x10=20)

3. Metabolic acidosis
4. Ageing

Short Answers

(4x5=20)

5. Food preservatives
6. Separation of plasma proteins
7. Methods of estimation of urea
8. Coronary heart disease

Comment on

(5x2=10)

9. Fluorosis
10. Detoxification by conjugation
11. Normal levels • Serum uric acid • Serum creatinine
12. Significance of Hb A1c
13. Principle of GOD-POD method.
