

QP Code: 312020

Reg. No.....

Third Year B.Sc. Medical Biochemistry Supplementary Examinations

October 2022

Clinical Biochemistry

(2016 Scheme)

Time: 3 Hours

Total Marks: 100

- Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space
- Answer all parts of a single question together • Leave sufficient space between answers
- Draw table/diagrams/flow charts wherever necessary

Essay

(2x15=30)

1. Describe the transport proteins and acute phase proteins in plasma
2. Metabolic derangements and acute complications during diabetes mellitus

Short Essay

(2x10=20)

3. Metabolic acidosis and its causes
4. Causes of abnormal serum Potassium values

Short Answers

(6x5=30)

5. Method and principle of estimation of serum cholesterol
6. Toxic effects of ethanol in vital organs
7. Respiratory regulation of pH
8. How does ADH regulate blood osmolarity
9. Brief account on theories of ageing
10. What are the indications of therapeutic drug monitoring

Comment on

(10x2=20)

11. Normal blood values of electrolytes
12. Anion gap
13. Qualities needed for a safe food preservative
14. Detoxification by conjugation
15. Tangier Disease
16. hs- CRP
17. Gout
18. Reducing sugars in urine
19. Creatinine Clearance
20. Abetalipoproteinemia
