

QP Code: 312020

Reg. No.....

**Third Year B.Sc. Medical Biochemistry Regular/Supplementary
Examinations July 2021
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. What is normal blood pH. How is it regulated. Add a note on metabolic acidosis.
2. Discuss the structure and functions of immunoglobulins

Short Essay

(2x10=20)

3. Discuss the formation and fate of lipoproteins.
4. Describe in detail the various phases of detoxification reactions

Short Answers

(6x5=30)

5. Therapeutic drug monitoring
6. Atherosclerosis
7. Obesity
8. Acute phase proteins
9. Complications of diabetes mellitus
10. Fatty liver

Comment on

(10x2=20)

11. Anion gap
12. Hyponatremia
13. Microalbuminuria
14. Theories of ageing
15. Glycohemoglobin
16. Non-protein nitrogenous substances in blood
17. Metabolism of ethanol
18. Functions of albumin
19. Hypoglycemia
20. Lipid profile
