

QP CODE: 401012

Reg No:.....

Final Year B.Sc MLT Degree Supplementary Examinations February 2017

BIOCHEMISTRY - IV

Time: 3 Hours

Total Marks: 100

- Answer all Questions.
- Draw Diagrams wherever necessary.

Essay

(2x10=20)

1. Discuss the organization and management of the clinical biochemistry laboratory (5+5)
2. What is translation. Describe the steps, inhibitors and post translational modifications
(1+4+2+3)

Short notes

(10x5=50)

3. Determination of catecholamines
4. Clearance tests
5. Estimation of calcium
6. Collection of gastric Juice
7. Gonadal function tests
8. Internal quality control programme
9. Laboratory informatics
10. Continuous flow analyzers
11. Recent trends in automation of clinical chemistry
12. Semiautomatic analyzers

Answer briefly

(10x3=30)

13. Cloning
14. Anion gap
15. VMA
16. Protein folding
17. Genomic library
18. Biochemical role of copper
19. Triple test
20. Van den Bergh test
21. Schilling test
22. Sweat chloride test
