

QP Code: 401012

eg. No:.....

**Final Year B.Sc MLT Degree Regular/Supplementary Examinations
March 2021**

Biochemistry - IV

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

(2x10=20)

1. Describe steps of translation. Write a note on inhibitors and post translational modification.
2. Describe principle, parts and functions of Auto analyzers

Short notes

(10x5=50)

3. Laboratory informatics
4. Gonadal function tests
5. Copper metabolism and disorders associated with it
6. Estimation of urinary Vanillyl mandelic acid and its significance
7. Tests for gastric function
8. Factors regulating fluid balance
9. Liver enzyme profile in obstructive jaundice
10. Human genome project
11. Pancreatic digestive enzymes
12. Flame photometry

Answer briefly

(10x3=30)

13. D-xylose absorption test
14. Anterior pituitary hormones
15. Biosynthesis of estriol
16. Tests for occult blood in faces
17. Chloride estimation
18. Cloning
19. Anion gap
20. Urinary iodine estimation
21. Use of reference values
22. Functions of zinc
