

QP Code: 213020

Reg. No.....

**Second Year B.Sc Medical Biochemistry Degree Regular/Supplementary
Examinations May 2022**

Paper VIII – Enzymology

(2016 Scheme)

Time: 3 hours

Max. 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*

Long Essays:

(2x15=30)

1. How enzymes are classified. Add a note on specificity and active site of enzymes.
2. How enzymes are regulated.

Short Essays:

(2x10=20)

3. Enzyme inhibition.
4. Plasma enzymes used in the liver diseases.

Short Answer:

(6x5=30)

5. Therapeutic enzymes
6. Co-enzymes
7. Enzyme purification
8. Enzyme kinetics
9. Line weaver Burke plot
10. Ribozymes

Comment on:

(10x2=20)

11. Co factors
12. Acid phosphatase
13. LDH
14. Metallo enzymes
15. Amylase
16. Enolase
17. Ceruloplasmin
18. Turn over number
19. Glucose 6 phosphate dehydrogenase
20. Leucine amino peptidase
