

QP Code: 213020

Reg. No.....

**Second Year B.Sc Medical Biochemistry Degree Supplementary
Examinations August 2023**

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. Enumerate the methods of regulation of enzyme activity
2. Explain in detail about the enzyme inhibition with examples

Short Essays:

(2x10=20)

3. Plasma enzymes used in liver diseases
4. Factors affecting enzyme activity

Short Answer:

(6x5=30)

5. Purification of enzymes
6. Classification of enzymes
7. Therapeutic enzymes with examples
8. Isoenzymes with examples
9. Enzyme kinetics
10. Coenzymes

Comment on:

(10x2=20)

11. Immobilized enzymes
12. Turn over number
13. Ceruloplasmin
14. G6PDH
15. Zymogens
16. Prosthetic group
17. Metalloenzymes
18. Enzyme specificity
19. Multi-enzyme complex
20. Cholinesterase
