

QP Code: 213020

Reg. No.....

Second Year B.Sc Medical Biochemistry Degree Examinations
October 2018

Paper VIII – Enzymology

(2016 Scheme)

Time: 3 hours

Max. Marks: 100

- Answer all the questions
- Draw diagrams wherever necessary

Long Essays:

(2x15=30)

1. Factors affecting enzyme activity
2. Mechanism of enzyme action.

Short Essays:

(2x10=20)

3. How enzymes are isolated and purified.
4. Plasma enzymes used in the cardiac diseases.

Short Answer:

(6x5=30)

5. Enzyme inhibition
6. Isoenzymes
7. Covalent modification
8. Enzyme classification
9. Functional and non-functional enzymes
10. Enzyme specificity

Comment on:

(10x2=20)

11. Alanine aminotransferase
12. Multi-enzyme complex
13. Therapeutic use of enzymes
14. Co-factors
15. Km value
16. Active site
17. Choline esterase
18. Lipase
19. GGT
20. Alkaline phosphatase
