

QP Code: 223006

Reg. No.....

**Second Semester B.Pharm Degree Supplementary Examinations
June 2019**

**Biochemistry
(2017 Scheme)**

Time: 3 Hours

Max. Marks: 75

- Answer all questions
- Draw diagrams wherever necessary

Essays

(2x10=20)

1. Briefly discuss about the glycolysis with its significance.
2. Discuss about the biosynthesis of purine nucleotides

Short Notes

(7x5=35)

3. Oxidative phosphorylation.
4. Formation and utilization of ketone bodies.
5. Write a note on protein synthesis
6. Diagnostic applications of enzymes.
7. Glycogen storage diseases.
8. Jaundice.
9. Atherosclerosis

Answer Briefly

(10x2=20)

10. Co-enzyme.
11. Diabetes mellitus.
12. Deamination.
13. Genetic code.
14. Ketoacidosis.
15. Gluconeogenesis.
16. Inhibitors of ETC.
17. Gout.
18. Phenylketonuria.
19. Redox potential.
