



SNS COLLEGE OF NURSING- COIMBATORE

35

Biochemistry - UNIT 2

15 marks Questions

1. Describe the process of glycolysis. Explain how many ATP molecules are formed in anaerobic and aerobic glycolysis.
2. What is gluconeogenesis? How is glucose formed from Alanine?
3. Describe in detail steps, regulation, energetic and amphibolic nature of Tricarboxylic acid cycle.
4. Define gluconeogenesis. Describe in detail about the pathway of gluconeogenesis.
5. What is Diabetes Mellitus? Explain the hormonal regulation of glucose.
6. Define Glycolysis. Describe in detail about the pathway and significance of Glycolysis.
7. Glycolysis- add a note on its Bioenergetics.