



THE AMERICAN COLLEGE, MADURAI
(An Autonomous Institution Affiliated to Madurai Kamaraj University)
(2nd Re-accredited Cycle) by NAAC with Grade "A", CGPA – 3.46 on a 4-point scale
Backlog Arrear Examination, March 2021

PGZ 4521

Biological chemistry

Time: 3 Hrs

Marks: 75

Answer any five questions

5 x 15 = 75 marks

1. Explain about mono, di and polysaccharide with example
2. Discuss about primary, secondary and tertiary structure of protein
3. Write down the steps involved in glycogenesis
4. Describe the metabolic steps in glycolysis
5. What is urea cycle? Discuss
6. Describe TCA cycle with its energetics
7. Discuss about mechanism of enzyme action.
