

Exam. Code : 103204
Subject Code: 1306

B.A./B.Sc. 4th Semester
ZOOLOGY
ZOO-IV A : (Biochemistry)

Time Allowed—2 Hours] [Maximum Marks—35

Note :— There are **Eight** questions of equal marks. Candidates are required to attempt any **Four** questions.

1. Write a note on storage and structural lipids.
2. Describe the various categories of biologically important carbohydrates.
3. Write a note on the nature and classification of enzymes.
4. Describe β -oxidation of fatty acids.
5. Describe the various steps involved in conversion of glucose to pyruvate in glycolysis.
6. Describe hexose monophosphate shunt.
7. Describe the steps involved in production of urea from ammonia.
8. How is citric acid cycle linked to urea cycle ?

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