

B.Sc. (CBCS Pattern) Sem-III
USCZOT06 - Zoology Paper-II : Physiology & Biochemistry - I

P. Pages : 1

Time : Three Hours



GUG/W/22/11621

Max. Marks : 50

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- Notes : 1. All questions are compulsory.
2. All questions carry equal marks
3. Draw well labelled diagrams wherever necessary.

1. Give an account of Biosynthesis of triglyceride. 10

OR

Write notes on

- a) Urea cycle 5
b) Transamination 5

2. Give detail account on classification of enzymes. 10

OR

Write notes on

- a) General properties of enzymes. 5
b) Factors affecting enzyme activity. 5

3. Give detail account on salivary gland. 10

OR

Write notes on

- a) Fat soluble vitamins 5
b) Gastric glands 5

4. Give detail account on transport of O₂ and CO₂ 10

OR

Write notes on

- a) Effects of smoking 5
b) Respiratory pigments 5

5. Write four or five lines on the following **any ten**. 10

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|-----------------------|-----------------|
| i) Glycolysis | ii) Deamination |
| iii) Gluconeogenesis | iv) Ribozyme |
| v) Liases | vi) Co-enzyme |
| vii) Bile | viii) Gastrin |
| ix) Pernicious anemia | x) Bronchitis |
| xi) Emphysema | xii) Asthma |
