

B.Sc. (CBCS Pattern) Semester-IV
USCZOT08 - Zoology paper-II - Physiology & Biochemistry-II

P. Pages : 1

Time : Three Hours



GUG/W/24/12005(S)

Max. Marks : 50

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- Notes :
1. All questions are compulsory.
 2. All questions carry equal marks.
 3. Draw a well labelled diagram whenever necessary.

1. Write an essay on structure of uriniferous tubule. 10

OR

a) Glomerular Filtration 5

b) Dialysis 5

2. Describe in detail the structure and function of thyroid gland. 10

OR

a) Neurohypophysis 5

b) Structure of Adrenal gland. 5

3. Give detail account on sliding filament theory of muscle contraction. 10

OR

a) Types of Neuron. 5

b) Tetanus. 5

4. Write an essay blood clotting. 10

OR

a) E.C.G. 5

b) Blood group and Rh. Factor. 5

5. Write notes on following any ten. 10

i) Micturition

vii) Synapse

ii) Diuresis

viii) Axons

iii) Tubular secretion

ix) Sarcoplasmic reticulum

iv) Prolactin

x) Blood group

v) Goitre

xi) Atrial systole

vi) Adrenaline

xii) Blood Pressure
