

B.Sc. CBCS Pattern Semester-IV
USCZOT08 - Zoology Paper-II : Physiology & Biochemistry- II

P. Pages : 1

Time : Three Hours



GUG/W/23/12005

Max. Marks : 50

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

1. Describe the mechanism of urine formation. 10

OR

Write a notes on:

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|-------------------------|----------|
| i) Structure of Nephron | 5 |
| ii) Dialysis. | 5 |

2. Write a detailed account on functions of adenohypophysis. 10

OR

Write a note on:

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|---------------------------------|----------|
| i) Menstrual cycle | 5 |
| ii) Functions of thyroid gland. | 5 |

3. Write an essay on sliding filament theory of muscle contraction. 10

OR

Write a note on:

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|--------------------|----------|
| i) Types of Neuron | 5 |
| ii) Nerve impulse. | 5 |

4. Write a detailed account on W. B. C. with its function. 10

OR

Write a note on:

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|--------------|----------|
| i) Rh factor | 5 |
| ii) E. C. G. | 5 |

5. Write in 4 - 5 lines any ten. 10

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|---------------------|-------------------|
| i) Glomerulus. | ii) PCT |
| iii) Osmoregulation | iv) Simple goiter |
| v) Ovulation | vi) Progesterone |
| vii) Tetanus | viii) Sarcomere |
| ix) Impulse | x) RBC |
| xi) Blood pressure | xii) Systole |
