

This question paper contains 1 printed page|

**X—68—2019**

**FACULTY OF SCIENCE AND TECHNOLOGY**

**B.Sc. (Second Year) (Third Semester) (Regular) EXAMINATION**

**OCTOBER/NOVEMBER, 2019**

**(CBCS Pattern)**

**ZOOLOGY**

**Paper VII**

**(Comparative Anatomy and Physiology)**

**(Friday, 29-11-2019)**

**Time : 2.00 p.m. to 4.00 p.m.**

*Time—2 Hours*

*Maximum Marks—40*

*N.B. :— (i) Attempt All questions.*

*(ii) Illustrate your answers with suitably labelled diagrams, wherever necessary.*

1. Give a comparative account of kidney in vertebrate series. 15

*Or*

Write notes on :

(a) Classification of Enzymes 8

(b) Lipid digestion 7

2. Describe the structure and working of Human Heart. 15

*Or*

Write notes on :

(a) Structure of uriniferous tubules 8

(b) Structure of synapse 7

3. Write short notes on any *two* of the following : 10

(a) Mammalian integument

(b) Vitamin C

(c) Transport of O<sub>2</sub> and CO<sub>2</sub>

(d) Cardiac muscle.

X—68—2019

1