

1903001103020002
EXAMINATION FEBRUARY-MARCH 2024
BACHELOR OF SCIENCE (THIRD SEMESTER)
(BIOTECHNOLOGY)
BT-06 MAMMALIAN ANATOMY AND PHYSIOLOGY LEVEL2

[Time: As per sechedule]

[Max. Marks: 50]

Instructions:

1. Fill up strictly the following details on your answer book

- a. Name of the Examination : **BACHELOR OF SCIENCE (THIRD SEMESTER) (BIOTECHNOLOGY)**
 - b. Name of the Subject : **BT-06 MAMMALIAN ANATOMY AND PHYSIOLOGY LEVEL 2**
 - c. Subject Code No : **1903001103020002**
2. Sketch neat and labelled diagram wherever necessary.
 3. Figures to the right indicate full marks of the question.
 4. All questions are compulsory.

Seat No:

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Student's Signature

Q.1 Define/Answer in short (Any Four):

8

- (a) Define Reflex Activities
- (b) What is the difference between Arteries and vein?
- (c) Define action potential
- (d) Give definition of Muscles
- (e) What is oogenesis?

Q.2 Attempt Any Two:

14

- (a) Describe Cardiac Cycle in detail.
- (b) Explain in detail: Different Types of Muscles
- (c) Write a detailed note on Adrenal Gland.

Q.3 Explain in detail Any Two:

14

(a) Describe Structure of Testis with a neat and labelled diagram.

(b) Discuss: Process of Fertilization

(c) Mention different channels for transmission of Signals

Q.4 Attempt Any Two of the following:

14

(a) Explain in detail: Spermatogenesis

(b) Discuss Reflex Activity with one example

(c) Mention different hormones of pituitary glands with their functions
