

[Time: 03 Hours.]

[Marks: 100]

- N.B:** 1. All questions are compulsory and carry equal marks.
2. Figures to the right indicate full marks.
3. Draw neat and labelled diagrams wherever necessary.
4. Answer the questions in proper order.

Q. 1 Describe any two of the following:

(20)

- a) T.S. of salivary gland
- b) T.S of stomach
- c) V.S. of skin

Q. 2 Explain any two of the following:

(20)

- a) Principle and scope of toxicology.
- b) Zootoxin.
- c) Types of toxicity

Q. 3 Give an account on any two of the following:

(20)

- a) Introduction and scope of general pathology
- b) Jaundice.
- c) Cell injury

Q. 4 Describe any two of the following:

(20)

- a) Chi-square test and its applications
- b) Correlation coefficient
- c) Types of hypotheses

Q. 5 Write short notes on: (any four)

(20)

- a) Standard deviation
- b) Ethical issues in animal testing
- c) LC₅₀
- d) Z-Test
- e) Melanosis
- f) Sebaceous gland
