

Time: 3 Hours

100 Marks

N.B.

- 1. All questions are compulsory**
- 2. Figures to the right indicate full marks.**
- 3. Draw neat and labelled diagram wherever necessary.**
- 4. Answer the questions in order.**

- Q.1 Answer the following (Any Two) (20)**
- a) Sebaceous glands and skin receptors
 - b) V.S. of tooth
 - c) T.S. of salivary glands
- Q.2 Describe the following (Any Two) (20)**
- a) Principles and scope of toxicology
 - b) Phytotoxins
 - c) Site of exposure and routes of exposure
- Q.3 Explain the following (Any Two) (20)**
- a) Scope of general pathology
 - b) Ischemic cell injury
 - c) Causes and effects of degeneration
- Q.4 Briefly explain the following (Any Two) (20)**
- a) Normal and binomial distribution
 - b) Standard deviation
 - c) Null hypothesis and alternate hypothesis
- Q.5 Write short notes on: (Any Four) (20)**
- a) Sweat glands
 - b) Margin of safety
 - c) Gangrene
 - d) p- value
 - e) Taste buds
 - f) Examples of nephrotoxicants