

5901/MH

AS/2051  
Zoology(For Non-Medical students) XI(b)  
Semester-II

Time Allowed : 03 Hours

M.M : 36

**Note** : The candidates are required to attempt 2 question each from section A and B carrying 5 marks each and the entire section C consisting of 8 short answer type questions carrying 2 marks each.

Section-A

- 1) Define Zoology. Describe various characteristics of living organisms.
- 2) Differentiate between animal and plant cell.
- 3) Give an account of habits and economic significance of Frog.
- 4) Write economic significance of Goat and Rabbit.

Section-B

- 5) Discuss digestive system of Rabbit in detail.
- 6) Give a detail account of economic importance of animals to agriculture.
- 7) Write in detail about composition of blood and its functions.
- 8) Define immunity. Explain its types.

Section-C

- 9) Write short notes on following :
  - i) Structure of DNA
  - ii) Any two functions of skin
  - iii) Economic significance of honey bee
  - iv) Any two functions of Nose
  - v) Define Mitosis
  - vi) Habits of silkworm
  - vii) Functions of Adrenal glands
  - viii) Mitochondria