

2019
ZOOLOGY
Honours (New)
Paper – V

Full Marks – 100

Time : 6 Hours

The figures in the right-hand margin indicate marks.

Candidates are required to give their answers in their own words as far as practicable.

Illustrate the answers wherever necessary.

Answer **All** questions from the following :

1. Draw a labelled diagram of the System of the experimental Speciman provided. 10+5
2. Draw a labelled diagram of the System of the experimentas specimen porovided. 10+5
3. Make a bar diagram/pie chart /table polygon from a date base provided and save it, using computer. 8+2
4. (a) *Identify the stage of meiosis from grass hopper testis.*

- (b) Write down the procedure of meiotic chromosome preparation from grass hopper testis.
- (c) Draw labelled diagram of the stage identified with proper justification. $3+7+(2+3)$
5. Make a stained preparation of the sample provided. Identify the section with reasons and draw a labelled diagram of the section. 2×5
6. Identify the Specimen (2 Specimen) with reasons.
7. Laboratory not book. 10
8. Viva-voce. 10