

Total no of printed pages=1

Sem-5, ZOO-HC-5026

2022

Paper: **ZOO-HC-5026**

(PRINCIPLES OF GENETICS)

Full Marks- 20

Time- 1h

The figures in the margin indicate full marks for the questions.

Answer any **four** Questions from the following: - $5 \times 4 = 20$

1. Write short notes on –
 - a. Co-dominance
 - b. Incomplete Dominance
2. Explain back cross and test cross with example.
3. What is conjugation Write the different types of conjugation with suitable diagrams.
4. Describe complementation test in bacteriophage.
5. Write a short note on linkage and its types.
6. Explain the principles of Mendelian Inheritance with suitable example.

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