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School of Agriculture
Bachelor of Science Honours in Agriculture
Mid Term Examination - May 2024

Duration : 90 Minutes
Max Marks : 50

Sem II - A1UA201B - Fundamentals of Genetics

General Instructions

Answer to the specific question asked

Draw neat, labelled diagrams wherever necessary

Approved data hand books are allowed subject to verification by the Invigilator

- 1) Compare the qualitative and quantitative characters. K2 (2)
- 2) Define the hybridization K1 (3)
- 3) Explain the chromosomes structure with diagram.. K2 (4)
- 4) Summarize the chromosomes theory of inheritance . K2 (6)
- 5) Identify the characteristic of mutations . K3 (6)
- 6) Construct the features of Multiple alleles . K3 (9)
- 7) Categories the main features of sex linked genes K4 (8)
- 8) Analyze the features of Chromosome mapping. K4 (12)

OR

Analyze the features of Crossing over . K4 (12)