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**School of Agriculture**  
**Bachelor of Science Honours in Agriculture**  
**Mid Term Examination - Nov 2023**

**Duration : 90 Minutes**  
**Max Marks : 50**

**Sem III - A1UA302B - Fundamentals of Plant Breeding**

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 self pollinated crops K2 (4)
- 4) Summarize the aim of plant breeding K2 (6)
- 5) Identify the role of breeding programme in autogamous crop species K3 (6)
- 6) Construct the features of in-situ conservation K3 (9)
- 7) Categorise the breeding methods include in crop improvement K4 (8)
  
- 8) Analyze the breeding methods include in hybridization K4 (12)

**OR**

Analyze the floral biology of self pollinated crop K4 (12)