

The Open University of Sri Lanka
Faculty of Engineering Technology
Department of Agricultural and Plantation Engineering



Study Programme : Bachelor of Science Honours in Agricultural
Engineering Degree Programme
Name of the Examination : Final Examination
Course Code and Title : AGX3201 Basic Biology
Academic Year : 2023/2024
Date : 20th March 2025
Time : 09.30 - 12.30 hrs

Index No. -----

SECTION 2: Answer any four (04) questions.

1. Explain the activities of the living organisms (25 marks).
2. Name different polysaccharides and explain the function/s of them (25 marks).
3. Explain the functions of proteins as the structural components in organisms (25 marks).
4. Explain the Watson - Crick DNA structure (25 marks).
5. Differentiate between prokaryotic and eukaryotic cells (25 marks).
6. Discuss the function/s of following cell organelles.
 1. Golgi apparatus (08 marks)
 2. Ribosomes (08 Marks)
 3. Cell membrane (09 marks)