

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



Study Programme	: Bachelor of Science Honours (Agricultural Engineering)
Name of the Examination	: Final Examination
Course Code and Title	: AGX7216 Structural Design for Commercial Farming
Academic Year	: 2023/2024

Section 11

1. "Proper planning of a farmstead will guarantee its profitability" justify the statement giving valid reasons.
2. Critically evaluate the suitability of provision of intensive housing systems for the management of cattle in Sri Lanka.
3. Evaluate the potential for the introduction of control environmental agriculture (CEA) for Sri Lanka.
4. Evaluate the suitability of concrete for the construction of shelters for farm animals.
5. Describe the features of a good grain storage structure which protects the stored grain.
6. Describe the factors to be considered when selecting a suitable site for a farmstead.

(Each question carries 25 marks)
