"Investing in Africa's future"

COLLEGE OF HEALTH, AGRICULTURE AND NATURAL SCIENCES

NACP 308: AGROFORESTRY

END OF SECOND SEMESTER FINAL EXAMINATIONS

APRIL 2022

LECTURER: Mr. MTAITA T. A.

DURATION: 3 HOURS

INSTRUCTION

Choose and Answer Four Questions

Question One

a) Elaborate the steps followed in developing an agroforestry plan. **[5]**
b) Examine the factors impeding the growth of agroforestry in communities. **[10]**
c) Write about planning for agroforestry: constraints, diagnosis and design methodology. **[10]**

Question Three

a) What is agroforestry? **[5]**
b) Write about multipurpose tree species and their management. **[20]**

Question Four

a) Analyse the desirable characteristics of an agroforestry tree species. **[10]**
b) Discuss the different aspects in which agroforestry holds viable potential to meet the demands of ever- growing human and livestock populations. **[15]**

Question Five

a) What are the key components of Diagnosis & Design Methodology? **[5]**
b) Discuss the advantages and disadvantages of agroforestry. **[10]**
c) Analyse the factors to consider when selecting tree species for agroforestry. **[10]**

Question Six

a) With the aid of practical examples, examine the three major and two minor types of agroforestry systems. **[10]**

b) Assess the role of agroforestry in climate change adaptation and mitigation. **[15]**

End of Examination Paper