



"Investing in Africa's Future"

COLLEGE OF HEALTH, AGRICULTURE & NATURAL SCIENCES

NACP 308: AGROFORESTRY

END OF SECOND SEMESTER FINAL EXAMINATIONS

APRIL 2023

LECTURER: MR. MTAITA T. A.

DURATION: 3 HOURS

INSTRUCTION

Chose and answer **FOUR** questions only

Question One

- a) Assess the potential and limitations of Agroforestry. [10]
- b) Discuss the social economic factors affecting the adoption potential of improved tree fallows in Africa. [15]

Question Two

- a) Analyze the components of agroforestry [5]
- b) Examine the necessary steps in developing an agroforestry Plan. [20]

Question Three

- a) Analyse the factors to consider when selecting tree species for agroforestry. [10]
- b) Discuss how agroforestry helps to conserve biodiversity. [15]

Question Four

- a) Examine the agroforestry practices under the agrosilvopastoral system. [15]
- b) Discuss why farmers involved in agroforestry are encouraged to include apiculture as part of agroforestry practice. [10]

Question Five

- a) Discuss the long-term effects of silvopastoral practice on soil compaction. [10]
- b) Discuss the benefits and drawbacks of vegetative propagation in agroforestry. [15]

Question Six

- a). Examine the characteristics of multi-purpose trees [MPTs] in agroforestry. [15]
- b) Analyse the Benefits/Services from MPTs. [10]

End of Examination Paper