



“Investing in Africa’s Future”

(College of health, Agriculture and Natural Sciences)

NACP 308: Agroforestry [*Paper two*]

END OF SECOND SEMESTER EXAMINATIONS

April/May 2023

LECTURER: (Mr. Mtaita T A)

DURATION: (3 HRS)

INSTRUCTION

Answer **Four** Questions Only

Question One

- a) Analyze factors that govern the location of an agroforestry nursery on a farm: [5]
- b) Discuss why agroforestry experts advocate for on-farm nurseries? [10]
- c) Examine the benefits of apiculture in agroforestry. [10]

Question Two

- a). Discuss the factors to consider when selecting tree species for agroforestry [10]
- b). Analyze the benefits and drawbacks of vegetative propagation in agroforestry. [15]

Question Three

- a). Analyse the Social economic factors affecting the adoption potential of improved tree fallow in Africa. [15]
- b). Critically examine the advantages and disadvantages of alley cropping. [10]

Question Four

- a). Discuss how agroforestry helps to conserve biodiversity. [10]
- b). Examine the three agroforestry practices under the agrosilvopastoral systems. [15]

Question Five

- a). Analyse the benefits and limitations of agroforestry. [10]
- b) Discuss any three agroforestry practices under the silvopastoral systems. [15]

Question Six

- a) Discuss the basic procedure of Diagnosis and design (D & D). [15]
- b) Analyze the benefits accrued from multi-purpose trees in agroforestry. [10]

End of the examination paper