**Name:** ………………………………………………..…**Adm No**: ….…………**Class:** ………… **Candidate’s Sign**: ………...............**Date:** ………………………............................................

**OPENER EXAMS**

**TERM 3 2023**

**FORM ONE AGRICULTURE**

 **Answer all the questions .**

1. Give four reasons why agriculture is a science. (2mrks)

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1. Distinguish between field crops and horticultural crops. (2mrks)

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1. Explain the following terms as used in agriculture. (4mrks)
2. Pomology

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1. Olericulture

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1. Aquaculture

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1. Apiculture

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1. State four characteristics of shifting cultivation. (2mrks)

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1. Name two practices that enhance organic farming. (2mrks)

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1. State four ways through which pest affect agricultural production. (2mrks)

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1. Name three aspects of rainfall that a farmer may consider when deciding on what crop to grow in an area. (3mrks)

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1. Give four factors that influence soil formation. (2mrks)

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1. Name three types of farm tools and equipment used in pairs. (3mrks)

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1. State three factors that determine the type of tools found in a farm. (3mrks)

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1. Name four methods of clearing land used by farmers in Kenya. (3mrks)

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1. State five importance of primary cultivation. (2 ½ mrks)

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1. List down three tertiary operations practiced in Kenya. (3mrks)

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1. Give three major sources of water in a farm. (3mrks)

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1. Outline five factors that determine the type of irrigation used in a farm. (2 ½ mrks)

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1. What is drainage? (1mrk)

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1. Study the diagram below and answer the questions that follow:



 A

 B

 C

 D

1. Identify the parts of diagram above. (4mrks)

A……………………………………………………………………………………………………

B……………………………………………………………………………………………………

C……………………………………………………………………………………………………

D……………………………………………………………………………………………………

1. Give two characteristics of horizon A. (2mrks)

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1. State the meaning of a transitional zone. (1mrk)

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1. Name two causes of hard pans. (2mrks)

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1. State two reasons why platy soil structure is not suitable for crop production. (2mrks)

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