**443/ 1 - AGRICULTURE - FORM 2**

**Aug. 2024 – 2 hours**

**Name ...................................................................................................... Adm Number.................................**

**Candidate’s Signature.............................................................................. Date................................................**

**Instructions to Candidates:**

*(a) Write your name and admission Number in the spaces provided above.*

*(b) Sign and write the date of examination in the spaces provided above.*

*(c) Answer* ***all*** *questions in the spaces provided in this booklet.*

**1.** Name **four** the human related factors that influence farming (4mks)

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**2**. Give **five** reasons why it is advantageous to use farmyard manure (5mks)

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**3**. What is primary tillage (1mk)

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**4**. Give six disadvantages of flood irrigation (6mks)

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**5**. Describe five factors that determine spacing in crop production (10mks)

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**6**. Give **two** reasons why use of certified seeds is recommended (2mks)

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**7**. Name five the features of a good store (5mks)

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**8**. Describe the procedure followed during soil sampling (6mks)

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**9**. Give **four** factors considered in siting a nursery bed (2mks)

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**10**. Describe **five** reasons for pruning (5mks)

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**11**.Giving examples of each, state **six** types of vegetables (6mks)

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**12**. Name **three** liming elements in crop production. (3mks)

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**13**. What is chitting. (1mk)

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**14**. Given that the spacing of coffee is 2.7m by 2.7m, calculate the plant population in 1 hectare (Ha) of land. (2mks)

**15**. Name four conditions that should be met by a good root stock. (4mks)

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**16**. State the difference between tip layering and trench layering. (2mks)

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17. Differentiate between grafting and layering. (2mks)

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18. Name any **two** practices carried out during hardening off in seedlings. (2mks)

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19. Differentiate between mixed cropping and inter-cropping. (2mks)

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