| AGRICULTURE, FORM 1, END TERM 2 TIME: 1HR 45MIN NAMEADMCLASS INSTRUCTION: Answer ALL the questions | | | |
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| 1. Give two reasons why Agriculture is looked as a science. (2mks) | | | |
| 2. a) What are the advantages of organic farming? (2mks) | | | |
| b) What is mixed farming? (1mk) | | | |
| 3. a)Give four reasons why Agriculture considered important in Kenya's economy. (4mks | 3) | | |
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| b)What is plantation farming. (1mk) | | | |
| 4. State two effect of HIV/AIDS on agriculture. (1mk) | | | |
| 5. a) State the difference between soil structure and texture. (2mks) | | | |
| 6. a) What is soil profile? (2mks) | | | |
| b) Describe the components of a well developed soil profile. (5mks) | | | |

| 7. | | ace the following tools in their respective categories and state their uses. (10mks) Panga |
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| | b) | Shovel |
| | c) | Pick axe |
| | d) | Garden line |
| | e) | Wheelbarrow |
| | f) | Sprayer |
| | g) | Ripsaw |
| | h) | Tape measure |
| | | |
| | i) | Scraper |
| | j) | Marking gauge |
| 8. | a) | State the reasons for preparing land before planting. (4mks) |
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| | | |
| | b) | What is a seedbed? (1mk) |

| 9. | Give reasons why the burning of Bushes as a methods of land cleaning should be discouraged. (2mks) |
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| 10 | .What is ridging? (1mk) |
| | b) Give reasons why the following operations are carried out in crop production; i) Rolling. (1mk) |
| | ii) Levelling. (1mk) |
| 11 | .State the main sources of water on the farm. (3mks) |
| | b) State the methods of water collection and storage in the farm. (3mks) |
| | c) What are the four reasons for treating water for human consumption. (2mks) |
| 12 | .a) What is; i) Drainage. (1mk) |
| | ii) Pollution. (1mk) |
| | b) i) List six different types of drainage. (3mks) |

| ii) Describe the agricultural practices which lead to water pollution. (2mks) |
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| 13.a) Define the term soil fertility. (2mks) |
| b) State the characteristics of a fertile soil. (5mks) |
| 14.a) What is the importance of organic matter in the soil? (5mks) |
| b) What are the functions of the following in the preparation of compost manure? (3mks i) Topsoil |
| iii) Wood ash |
| iv) The layer of manure |
| 15. Discuss the importance of livestock to a Kenyan farmer. $(2^1/2mks)$ |
| 16. List the characteristics of a dairy cow. $(2^1/2mks)$ |

- 17.a) Differentiate between the following breeds of livestock.
- i) New Zealand white and Californian white. (2mks)
- ii) Large white and landrace. (2mks)
- 18. What is the color of each of the following breeds of livestock?
 - a) Wessex saddle backs. (1/2 mk)
 - b) Toggenburg (½ mk)