| NAMEADM NO | TARGET | /70 |
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## PCEA JITEGEMEA HIGH SCHOOL

**AGRICULTURE** 

FORM 1

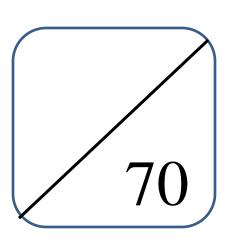
END TERM ONE

**MARCH 2017** 

## **INSTRUCTIONS.**

Do not leave the examination room for any reason.

Any exam malpractice is highly prohibited.



| 1. | What is Agriculture [2mks]   |          |
|----|--|----------|
| 2. | Giving examples, expalin why Agriculture is both an Art and a Science  | [6mks]   |
|    |  |          |
| 3. | Why is Agriculture very important to the economic development of Kenya | ? [5mks] |
|    |  |          |
| 4. | a] What factors would you consider in identifying a farming system     | [2mks]   |
|    | b] What are the advantages of practising mixed farming                 | [3mks]   |
|    |  |          |

| 5. | Expalin why ranching is important in the Arid and Semi- Arid area of Kenya    | [2mks]        |
|----|---|---------------|
| 6. | What are the charactertistics of plantation farming                           | [3mks]        |
| 7. | State the importance of Horticultural crops in the Economy of Kenya           | [4mks]        |
| 8. | Discuss the advantages of Organic Farming in relation to environmental conser | vation [4mks] |
| 9. | What do you understand by the term Agroforestry                               | [2mks]        |

| 10. Describe two ways in which the level of education and Technology affects A development in Kenya | gricultural<br>[2mks] |
|---|-----------------------|
| 11. State three effects of HIV/AIDS on Agriculture  | [3mks]                |
| 12. Describe Government Policy in controlling livestock diseases in Kenya                           | [3mks]                |
| 13. Describe two effects of Good communication in Agriculture                                       | [2mks]                |

| 14. a] What is a pest  | [1mk]  |
|--|--------|
| b] State three effects of Pests on crops that affect Agriculture   | [3mks] |
| 15. Explain how the following Biotic factors influence Agriculture |        |
| a] Parasites   | [1mk]  |
|  |        |
| b] Pollinators   | [1mk]  |
|  |        |
|  |        |
| c] Nitrogen Fixing Bacteria  | [1mk]  |
|  |        |
|  |        |
| 16. a] State Three aspects of Rainfall                             | [3mks] |

| b] Explain how Temperature affect agriculture   | [5mks]    |
|---|-----------|
|   |           |
|   |           |
|   |           |
|   |           |
|   |           |
|   |           |
| 17. a] Define Wind  | [1mk]     |
|   |           |
|   |           |
|   | [6, 1, 1, |
| b] State Five effects of Wind on Agriculture  | [5mks]    |
|   |           |
|   |           |
|   |           |
|   |           |
|   |           |
|   |           |
|   |           |
|   |           |
| 18. Explain the <b>meaning</b> of the following terms used in agriculture production: | [3mks]    |
| i. Floriculture   |           |

ii. Olericulture

iii. Pomologys

18. State three characteristics of shifting cultivation.

[3mks]