KENYA NATIONAL EXAMINATION AND ASSESSMENT PREDICTION SERIES

ENDTERM 2 ASSESSMENT 2025

GRADE 8

AGRICULTURE AND NUTRITION

MARKING SCHEME

SECTION A (30 marks)

Answer ALL the questions in this section.

1. During a soil practical, learners observed that one soil type felt very sticky when wet and could be rolled into long ribbons. Which type of soil has this characteristic and the highest water retention capacity?
   - Θ **B. Clay soil**
2. Mr. Koech has a farm on a steep slope. To prevent soil erosion and collect rainwater, he built structures that look like steps along the hillside. Which method of conserving soil and water is he using?
   - Θ **B. Constructing terraces**
3. Sarah is helping her mother remove small, unwanted plants growing around the maize in their garden. Which tool is specifically designed for this task?
   - Θ **C. Hand trowel**
4. A farmer recorded the number of litres of milk each cow produced daily and the number of eggs collected from the chicken coop. These entries are examples of what type of simple farm records?
   - Θ **C. Production records**
5. When handling chemicals like pesticides on the farm, learners are advised to wear protective gear, including gloves. Wearing gloves is a safety measure primarily against what type of harm?
   - Θ **C. Poisoning**
6. Before choosing where to plant tea bushes, which require specific growing conditions, a farmer considers whether the land is flat, gently sloping, or steep. Which environmental factor influencing agriculture is the farmer assessing?
   - Θ **C. Topography**
7. To plant small seeds like carrots, the soil bed needs to be very fine and crumbly. Preparing the soil to a fine tilth is most suitable for planting crops using which type of material?
   - Θ **B. Seeds**
8. Mr. Kamau wants to improve the genetic quality of his dairy herd by carefully selecting which bull mates with which cow. This practice is part of which aspect of animal production?
   - Θ **C. Breeding**
9. Learners observed that some of the young tomato seedlings in the nursery were falling over and rotting at the base. This condition is a common seedling problem known as
   - Θ **B. damping off.**
10. In areas where irrigation is practiced, sometimes salts can build up in the soil, making it hard for crops to grow. Which soil management practice helps to remove excess water and salts from the soil?
    - Θ **B. Drainage**
11. A farmer noticed that a certain type of bean plant in their field was not affected by a common bean disease that affected other varieties. Using plant varieties that are naturally resistant to diseases is an example of which pest and disease control method?
    - Θ **C. Cultural**
12. Baba Caro has several ponds on her farm where she raises fish for sale. This type of animal rearing is known as
    - Θ **C. aquaculture.**
13. After harvesting maize, a farmer needs to take it from the farm to the market where buyers are located. Which marketing function involves moving the produce from one place to another?