KENYA JUNIOR SCHOOL EDUCATION ASSESSMENT

GRADE 9 — END OF TERM 2 EXAMINATION 2026

AGRICULTURE AND HOME SCIENCE

Theory

KJSEA 906/1

TIME: 1 Hour 40 Minutes

Candidate's Name		**Adm Number**	
School Name		**School Code**	
Candidate's Signature		**Date**	

1. Section A: 30 Multiple Choice (30 marks) — answer on the separate sheet.
2. Section B: Structured Questions (40 marks) — answer in spaces provided.

SECTION A: (30 Marks)

1. The practice of growing the same crop on the same piece of land year after year is called

A. Monoculture B. Crop rotation C. Intercropping D. Mixed farming

2. Which hormone in plants promotes cell elongation and is produced mainly at the shoot tip?

A. Cytokinin B. Gibberellin C. Auxin (IAA) D. Ethylene

3. The correct soil pH range for optimum growth of most crops is

A. 4.0 – 5.0 B. 5.5 – 7.0 C. 7.5 – 9.0 D. 3.0 – 4.5

4. Green manuring involves

A. Applying chemical fertilisers to green crops B. Ploughing in green crops to decompose and enrich the soil C. Growing crops in green-coloured soil D. Spraying liquid manure on leaves

5. The type of tissue culture that grows whole plants from very small pieces of plant tissue in sterile conditions is called

A. Grafting B. Budding C. Micropropagation D. Layering

6. East Coast Fever in cattle is caused by

A. A bacterium B. A virus C. A protozoan parasite transmitted by ticks D. A fungus

7. Which of the following is a sign of mastitis in a dairy cow?

A. Swollen legs B. Loss of horns C. Swollen, painful udder with changes in milk quality D. Excessive weight gain

8. The artificial insemination (AI) technique in livestock production is used mainly to