KENYA JUNIOR SCHOOL EDUCATION ASSESSMENT
GRADE 7 - 2026
AGRICULTURE - MARKING SCHEME & TEACHER'S GUIDE

Total Marks: 50 | Section A: 20 | Section B: 30

SECTION A: ANSWER KEY

Question	Correct option	Key point / justification	Marks
1	**A**	Separate coloured garments from white garments to reduce colour transfer.	1
2	**B**	The illustration shows cooking food directly over a charcoal flame in a pan: frying.	1
3	**B**	A water retention ditch slows and retains runoff on sloping land.	1
4	**C**	Grading by size and shell quality helps present eggs consistently for market.	1
5	**B**	Clearing, removing stones and levelling are land preparation activities.	1
6	**A**	Muslin cloth strains honey; a spoon assists handling and a container stores honey.	1
7	**B**	Steaming/little-water cooking reduces nutrient loss, especially of water-soluble nutrients.	1
8	**A. Removing dead branchesB. Removing damaged branchesC. Cutting the main stem unnecessarilyD. Improving light penetration into the canopy**	Unnecessary cutting of the main stem can damage the tree.	1
9	**C**	Weeding removes unwanted plants that compete with crops.	1
10	**A**	Regular cleaning improves animal-house hygiene.	1
11	**C**	Salting can preserve both milk products and meat; among the options it is applicable to both.	1
12	**A**	Watering settles soil around roots and helps newly transplanted seedlings establish.	1
13	**B**	Excessive agrochemical use can contaminate soil and water.	1
14	**A. Leave droppings until the end of the month.B. Feed rabbits on the dirty floor.C. Clean the house and feeding equipment regularly.D. Keep the structure in a damp place.**	Regular cleaning of the house and feeding equipment improves hygiene.	1
15	**A**	Trees stabilise riverbanks and reduce soil erosion.	1
16	**B**	The workable sequence is mark site, clear unwanted materials, dig, firm and test.	1
17	**C**	Hardening-off helps seedlings adjust to field conditions after transplanting.	1
18	**C**	Immediate mixing of new birds can introduce disease to the flock.	1
19	**B**	Using little water and controlled cooking reduces nutrient loss.	1
20	**A. Fine tilthB. Coarse tilthC. Rough cloddy tilthD. Stony tilth**	Small seeds such as carrot require a fine, well-prepared tilth for good seed-soil contact.	1

SECTION B: DETAILED MARKING SCHEME

Question 21

Any two: litter blocks soil pores; releases harmful chemicals/contaminants; interferes with soil organisms; reduces soil quality/fertility; prevents water infiltration. (2 mark(s))

Use bins/collect and dispose waste properly; separate/recycle waste; organise regular clean-up. (1 mark(s))

Total: 3 marks

Question 22

Use compost/manure/green manure. (1 mark(s))

Any two: adds nutrients; improves soil structure; increases water-holding capacity; supports soil organisms; reduces dependence on synthetic inputs. (2 mark(s))

Total: 3 marks

Question 23

Knit stitch (garter/knit stitch). (1 mark(s))

Purl stitch. (1 mark(s))

Total: 2 marks

Question 24

Gap filling. (1 mark(s))

Any two: control weeds/pests; improve growth and yield; maintain proper plant population; enhance crop health and quality. (2 mark(s))

Total: 3 marks

Question 25

Vertical garden. (1 mark(s))

Any suitable crop e.g. spinach, sukuma wiki, lettuce, strawberry, herbs. (1 mark(s))

Total: 2 marks

Question 26

Seedlings; seeds; cuttings; grafts/budding materials (any two accepted). (2 mark(s))

Watering; mulching; weeding; staking/support; protecting from livestock/pests; top dressing/composting (any two accepted). (2 mark(s))

Total: 4 marks

Question 27

Any two: reduces disease-causing organisms; controls pests; reduces bad odours; improves animal comfort; prevents contamination. (2 mark(s))

Disinfecting; removing droppings/manure; keeping feed/water containers clean; isolating sick animals; proper waste disposal (any two). (2 mark(s))

Total: 4 marks

Question 28

Any three: wash before cutting; cut into large pieces; cook for a short time; use little water; keep pot covered; avoid overcooking; avoid adding baking soda. (3 mark(s))

Total: 3 marks

Question 29

Separate loose-coloured clothes from white/light clothes; sort by colour; wash in cold/cool water; avoid soaking for long; use suitable mild detergent; wash inside out where appropriate; rinse separately; dry away from harsh direct sunlight. Any four. (4 mark(s))

Total: 4 marks

Question 30

Keep flammable materials away from charcoal/fire; use the grill in a well-ventilated/open area; use tongs/appropriate utensils; wear protective clothing; do not leave fire unattended; extinguish charcoal safely after use. Any two. (2 mark(s))

Total: 2 marks

GENERAL MARKING GUIDANCE

Accept scientifically/technically correct alternatives that express the intended point, unless the item requires a specific term.

Award each mark once only. Do not penalise spelling unless the spelling changes the technical meaning.

For “any two/three” questions, award the stated number of marks only for distinct valid responses.

Where a procedure is requested, accept equivalent steps that preserve safe and correct practice.

For Question 29, award 1 mark for each distinct correct laundering procedure, up to 4 marks.