

# JUNIOR SCHOOL ASSESSMENT GRADE EIGHT - YEAR 2024 AGRICULTURE & NUTRITION.

	ADM NO: _____	DATE: _____
Total		
Maximum score		
Candidate's score		
Percentage		

1. Define the following terms as used in Agriculture. (4mks)

- (a) Irrigation
- (b) Fertilizer
- (c) Drilling

2. Discuss the importances & Agroforestry to the farmer. (3mks)

3. Name three factors that determine when to establish planting Materials In Agriculture (3mks)

4. State four factors that one needs to consider when selecting a pet. (4mki)

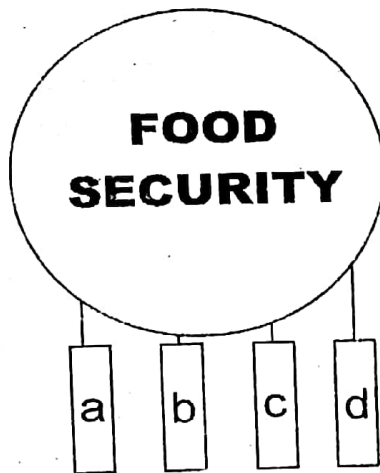
5. Identify one agricultural practice corrected out in the picture below and its importances. (2mks)

6. a) What is the meaning of off-season cropping? (5mks)

b) Name any during off-season three crops that are common. (3 mks)

7. (a) What is food security. (2mks)

(b) Identify the four pillars of food security. (4mks)



(i) Pillar a is

(ii) Pillar b is

(iii) Pillar c is

(iv) Pillar d is

8. Name one type of fence that can be used to prevent crops destruction from the animals

9. (a) The head teacher of Mashoromoni school wanted to buy a sewing machine to be used during Home science lessons. Write five factors. She should consider when choosing the sewing machine. (5mks)

(b) Identify the parts of sewing machine that perform the following functions (3mks)

(i) Holds the thread while stitching

(ii) Holds the sewing machine needle in place

(iii) Holds the fabric against the feed dog during stitching

(c) How are the following sewing machines operated? (3mks)

(i) Electric sewing machine

(ii) Hand driven sewing machine

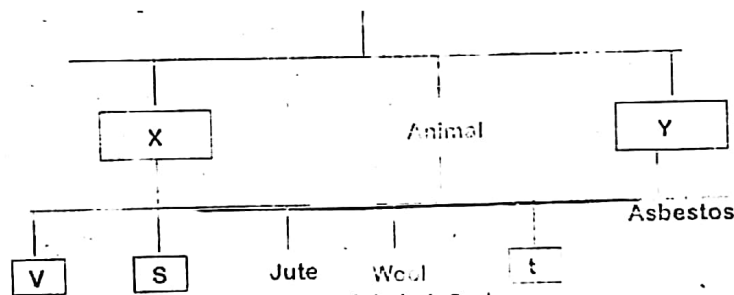
(iii) Treadle sewing machine

10. (a) Grade 8 learners started a project of making household cleaning agent to sell to the community. State four qualities of cleaning agent that they should think about. (4mks)

(b) Mention two ways you can use to improve home made soap. (2mks)

11. Use the Chart below on classification of natural textile fibers to answer the questions

### NATURAL TEXTILE FIBRES



a) Name the sources of natural textile fibre labeled (2mks)

X-

Y-

(b) Use the parts labeled r, s, t to fill in the blank spaces below (3mks)

(i) Burns with splutter and shrinks from the flame

(ii) Burns readily with a bright yellow flame and emits the smell of burnt paper.

(iii) Burns readily with a bright flame and emits the smell of burnt grass

12. (a) Name the kitchen equipment used in (3mks)

(i) Apply oil or sauce on food which is roasting

(ii) Cut open packaging and shipping herbs

(iii) Determines the amount of cooking ingredients

(b) What is the importance of parboiling and blanching in nutrients conservation when cooking vegetables. (2mks)

13. Mention three ways in which cosmetics are misused. (3mks).