

NAME.....STREAM.....

DEPARTMENT OF AGRICULTURE

S.2 AGRICULTURE

TIME: 2 HOURS

INSTRUCTIONS

- Attempt all questions in part **A** and any two in part **B**

SECTION A

1. The ability of a herbicide to kill some weeds and leave others is termed as:-  
A. Herbicide effectiveness                      C. Herbicide concentration  
B. Herbicide selectivity                         D. Herbicide non selectivity
2. The herbicides which are applied before weeds germinate are called:-  
A. Selective herbicides                         C. Non selective herbicides  
B. Post-emergence herbicides                 D. Pre-emergence herbicides
3. The control of weeds using good farming practices is known as:-  
A. Mechanical methods                         C. Cultural method  
B. Chemical methods                             D. Biological method
4. Weeds which appear at the beginning of the rainy season and die off immediately are called:-  
A. Perennial                      B. Ephemerals                      C. Annual                      D. Bi-ennial
5. The weeds which are succulent with broad leaves are known as:-  
A. Herbaceous                      B. Sedges                      C. Woody                      D. Grasses
6. Which of the following weeds is a perennial weed?  
A. Pig weed    C. Black jack  
B. MacDonald's eye                                      D. Star grass
7. The planting of crops immediately at the beginning of the rainy season is called:-  
A. Too early planting                                      C. Delayed planting  
B. Early planting    D. Non of the above
8. Which of the following is not a form of grafting:-  
A. Tongue                      B. marcotting                      C. Wedge                      D. Side
9. ....is a scientific name of tick berry?  
A. Galinsoga parviflora                                      C. Lantana camara  
B. Amaranthus spp    D. Solanum nigrum
10. The following are advantages of broad casting method of planting except:-

- A. It is quick
- B. It is easy and saves time
- C. Planting is not done at the same depth
- D. It is good for small seeds

11. List the reasons for grafting

- (i) .....
- (ii) .....
- (iii) .....
- (iv) .....
- (v) .....

12. You are provided with specimen A. use it to answer questions that follow:-

(a) Identify the specimen

.....

(b) State the main function/use of the specimen

.....

(c) List the faults that may make the specimen not effective in doing its work.

- (i) .....
- (ii) .....

(d) How can the above mentioned faults be corrected.

- (i) .....
- (ii) .....

13. You are provided with specimens B<sub>1</sub>, B<sub>2</sub> and B<sub>3</sub> which are weeds. Use them to answer question that follow

(i) Complete the table

Specimen	English	Scientific name
B <sub>1</sub>		
B <sub>2</sub>		
B <sub>3</sub>		

## SECTION B

14. (a) Define the term herbicide. (2mks)  
(b) Mention the factors/conditions under which a farmer may choose to use herbicides. (7mks)  
(c) Give the safety precautions one should take when using agricultural chemicals. (9mks)
15. (a) Define vegetables. (2mks)  
(b) Give the importance of vegetable growing. (10mks)  
(c) Briefly explain the associated with vegetable growing? (8mks)
16. (a) Define a weed. (2mks)  
(b) Mention the factors which make weeds more successful than crop plants. (10mks)  
(c) Explain the factors which determine the selectivity of herbicides. (8mks)

**END**