Meghalaya Board of School Education

QUESTION PAPERS

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Total No. of Printed Pages—5

24/VC/AG

2024

AGRICULTURE

(Vocational Course)

Full Marks : 30

Time : 1 hour

The figures in the margin indicate full marks for the questions

Choose the correct answer (Question Nos. **1** to **8**) : 1×8=8

1. Total dissolved salt in water is measured with a/an

(A) hygrometer

(B) lux meter

(C) pH meter

(D) EC meter

2. Bermuda grass is also known as

(A) Doob grass

(B) Field bindweed

(C) Lamb's-quarter

(D) Crabgrass

3. Living organisms such as fungi, bacteria and insects which are used to control weed population are known as

(A) mycoherbicides

(B) persistent herbicides

(C) bioherbicides

(D) herbigation

4. Aphid damages crop by

(A) sucking cell sap

(B) secreting sugary substances

(C) Vector of virus

(D) All of the above

5. Damping off is a disease of

(A) leaves

(B) fruits

(C) seedlings

(D) flowers

6. Botanical pesticides are obtained from

(A) animals

(B) fungi

(C) plants

(D) bacteria

7. Tomato fruits for distant market may be harvested at

(A) green stage

(B) red stage

(C) ripe stage

(D) over ripe stage

8. Which of the following vegetables grows in the summer season?

(A) Gourds

(B) Fenugreek

(C) Carrot

(D) Cabbage

Answer the following very short answer-type questions (Question Nos. **9** to **12**) : 1×4=4

9. Define succession cropping.

10. Define refrigeration.

11. What is sorting?

12. What is manual harvesting?

Answer any *three* of the following short answer-type questions (Question Nos. **13** to **17**) : 2×3=6

13. What is a disease? Mention the major diseases in solanaceous crops.

14. Differentiate between surface water source and ground-water source.

15. Write about the concept of demand.

16. What is a farm record-keeping and give two of its advantages?

17. What is soil solarization?

Answer any *three* of the following long answer-type questions (Question Nos. **18** to **22**) : 4×3=12

18. Explain briefly the various methods of surface irrigation system.

19. Describe the physical and cultural methods of weed controls.

20. Explain the determination of maturity in solanaceous vegetables.

21. Explain the two kinds of storage method.

22. Describe the agencies which are involved in agricultural marketing.

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