Total No. of Printed Pages—4

22/VC/AG

2022

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. Fertigation is a process in _____ irrigation.

(A) sprinkler

(B) surface

(C) drip

(D) centre pivot

2. Which of the following is not an indigenous weed?

(A) *Sorghum halepense*

(B) *Echinochloa colonum*

(C) *Eichhornia crassipes*

(D) None of the above

3. Which of the following is not a method of weed control?

(A) Mulching

(B) Grading

(C) Intercropping

(D) Crop rotation

4. Downy mildew is a disease of

(A) chilli

(B) tomato

(C) potato

(D) cabbage

5. The chemicals capable of killing or inhibiting the growth of weeds are

(A) pesticides

(B) herbicides

(C) fungicides

(D) None of the above

6. _____ are to be used for harvesting grape bunches.

(A) Clippers

(B) Hooks

(C) Scissors

(D) None of the above

7. 'Mature' is derived from the Latin word 'Maturus', which means

(A) harvesting

(B) maturation

(C) ripen

(D) None of the above

8. Hazards due to agricultural machinery are

(A) electrical

(B) mechanical

(C) chemical

(D) None of the above

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

9. Define irrigation.

10. Who is known as the father of weed science?

11. What is eradication?

12. Define hazards.

Answer the following short answer-type questions (Question Nos. **13** to **15**) : 2×3=6

13. What are the various systems of irrigation? Point out the advantages and disadvantages of any one of them.

14. What are the major weeds of rice, maize, chickpea, mustard, groundnut and potato?

15. Differentiate between maturity and ripening.

Answer any *three* of the following long answer-type questions (Question Nos. **16** to **20**) : 4×3=12

16. Define pesticides. List the properties of an ideal insecticide or pesticide.

17. What are the different methods of handling agricultural tools and equipments?

18. What are the ideal conditions for storage of harvested crops?

19. Define hand harvesting. Write down its advantages and disadvantages.

20. Write down the different types of hazards.

★ ★ ★