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**22/VC/AG**

**2 0 2 2**

**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

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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

( 3 )

**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.

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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.

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