

2022
AGRICULTURE
(Theory)

Full Marks : 30

Time : 1 hour

The figures in the margin indicate full marks for the questions

General Instructions:

- (i) Write all the answers in the Answer Script.
- (ii) Attempt all parts of a question together at one place.

Fill in the blanks :

- 1. Plant comprising of soft and non-woody main stalk are known as _____ perennial. 1
- 2. Temporary nursery is also known as _____ nursery. 1
- 3. In water scarcity or shortage _____ bed helps to conserve moisture. 1
- 4. High value annual seed are preferred to be sown in _____. 1

- 5. The equipment used for turning over the soil or cutting furrows is called _____. 1
- 6. The tool used for cutting and budding is known as _____. 1
- 7. Transformation of rock into agricultural land is called _____. 1
- 8. Weeding refers to the removal of all _____ plant from the field. 1

Very Short answer type questions

(Question Nos. 9 to 12)

- 9. What is indoor gardening? 1
- 10. What is soil solarisation? 1
- 11. Describe acidic soil. 1
- 12. What is insect pest control? 1

Short answer type questions

(Question Nos. 13 to 15)

- 13. What is potting? Briefly explain the method of potting. 2
- 14. What is saline soil? Write the causes of soil salinity. 2

(3)

15. How can plant nutrients be classified according to their function in plants. 2

*Write **any three** of the long answer type questions*

(Question Nos. 16 to 20)

16. What are the different kinds of nurseries? Describe the benefits of any one of them. 4
17. List the common nursery insect pests and diseases. How can they be controlled? 4
18. What is green manure? What are its advantages and disadvantages? 4
19. What are the different methods of irrigation? Describe sprinkler irrigation. 4
20. Describe integrated pest management. 4

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