

11. For composting good carbon/nitrogen ratio is important. Which of the following will supply nitrogen to the compost?

- a. Green leaves
- b. Dried leaves
- c. Sawdust
- d. Bit of woods

12. Which one is essential garden practice?

- a. Mulching
- b. Pruning
- c. Cutting
- d. Grafting

13. Select the odd one.

- a. Egg shell
- b. Tea leaves
- c. Cow dung
- d. Milk water

14. A method of propagation where scion is attach to root stock:

- a. Budding
- b. Grafting
- c. Cutting
- d. Layering

15. Which one is the most rapid method of propagation?

- a. Budding
- b. Cutting
- c. Micropropagation
- d. Seed

16. Which is the most common disease of nursery?

- a. Wilt
- b. Root rot
- c. Black rust
- d. Damping off

17. Which is the major pest of nursery?

- a. Cut worm
- b. Lady bird beetle
- c. Mealy bug
- d. Snail

18. The full form of NMIS is:

- a. National Management Information System.
- b. Nursery Management Information System.
- c. Nursery Management of Inventory System.
- d. Nursery Managing Information System.

19. Mulching is not used to:

- a. To increase soil fertility
- b. To conserve moisture
- c. To control weed
- d. To maintain soil temperature

20. Which one is not included in gardening skills?

- a. Soil testing
- b. Composting
- c. Punning
- d. Harvesting

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(PART-B : Descriptive)

Time : 2 hrs. 40 min.

Marks : 50

[Answer question no.1 & any four (4) from the rest]

1. What are the materials required for vermicomposting? Describe the phase of composting. 5+5=10
2. Describe: 5+5=10
 - a. Crop rotation.
 - b. Green leaf manure.
3. Define biofertilizer. Write about the types of biofertilizer and its advantages. 2+5+3=10
4. Describe biological control of pest and its advantages and disadvantages. 6+4=10
5. What is compost? What are the benefits of composting? Describe the method of preparation. 1+4+5=10
6. What is a nursery? Briefly discuss the importance of nursery and its role. 2+4+4=10
7. Briefly discuss: 5+5=10
 - a. Environmental benefit for organic agriculture.
 - b. Homemade fertilizer.
8. What are the different methods of asexual plant propagation? Write the advantages of asexual propagation over sexual propagation. 5+5=10

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