

REV-01
BSB/11/16

2023/06

B.Sc. BOTANY
SIXTH SEMESTER
HORTICULTURAL PRACTICE AND POST HARVEST
TECHNOLOGY
BSB-604

SET
B

[USE OMR SHEET FOR OBJECTIVE PART]

Duration: 3 hrs.

Full Marks: 70

(Objective)

Time: 30 mins.

Marks: 20

Choose the correct answer from the following:

$1 \times 20 = 20$

1. Select the flowering tree.
a. Indian labarum
b. Salvia
c. Cosmos
d. Opuntia
2. Plants that live for three or more years and flower for a short time:
a. Perennials
b. Annuals
c. Biennials
d. a and d
3. Which of the following is NOT a method of propagation for plants?
a. Layering
b. Pruning
c. Seed sowing
d. Grafting
4. India is known as home of.....
a. Vegetables
b. Spices and Medicinal
c. Fruits
d. Flower
5. The famous Mughal garden known as Shalimar Bagh is located in:
a. Agra
b. Jaipur
c. Srinagar
d. Delhi
6. The fruit of banana is botanically:
a. Pepo
b. Berry
c. Pome
d. Drupe
7. Which of the following is a ripening hormone?
a. GA-3
b. Auxin
c. Cytokinin
d. Ethylene
8. Late blight of potato is caused by:
a. *Alternaria solani*
b. *Phytophthora infestans*
c. *Fusarium*
d. *Puccinia graminis*
9. Olericulture deals with:
a. Fruits
b. Wine making
c. Vegetable
d. Cultivation practices
10. Which one is a leguminous green manuring plant?
a. Oats
b. Sesbania
c. Buck wheat
d. Soybean

11. Florist operation includes:
 - a. Floral designer (creatively arranges flowers)
 - b. Store manager (manages and supervises the store of the farm)
 - c. Plant rental supervisor
 - d. All of the above
12. Ornamental plants are divided into how many groups according to their growth form?
 - a. 3
 - b. 2
 - c. 4
 - d. None of the above
13. Which of the following is an example of a perennial plant?
 - a. Marigold
 - b. Tulip
 - c. Daffodil
 - d. Rose
14. Vegetable rich in vitamin C is:
 - a. Tomato
 - b. Cabbage
 - c. Capsicum
 - d. Beet root
15. High Water Use Efficiency (WUE):
 - a. Flood irrigation
 - b. Sprinkler
 - c. Drip
 - d. All of the above
16. "Fruit of the 21st century" is called.....
 - a. Jamun
 - b. Ber
 - c. Aonla
 - d. Bael
17. Papaya is a native of.....
 - a. Asia
 - b. India
 - c. Brazil
 - d. Tropical America
18. Which of the following is a common fungal disease of apple trees?
 - a. Peach leaf curl
 - b. Botrytis blight
 - c. Apple scab
 - d. Tomato late blight
19. When is the best time to harvest most fruits?
 - a. Early morning
 - b. Midday
 - c. Late afternoon
 - d. Night time
20. Which of the following is the variety of Mango in India?
 - a. Krisna
 - b. Jahaji
 - c. Monohar
 - d. Dasherhi

-- --- --

(Descriptive)

Time : 2 hr. 30 mins.

Marks : 50

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

- | | |
|---|----------|
| 1. What is gardening? Discuss distinctive characteristics and approaches of Mughal and Japanese gardens. | 2+8=10 |
| 2. Describe the layout and design of an ideal kitchen garden, including the various elements and their arrangement. | 10 |
| 3. Write the Botanical description and Cultivation of:
a. Rose or Fishtail and b. Marigold or tuberose | 5+5=10 |
| 4. What is horticulture ? Write the importance of horticulture. | 2+8=10 |
| 5. Write the advantages and disadvantages of asexual propagation. | 10 |
| 6. What are the different types of irrigation system? Write the advantages. | 4+6=10 |
| 7. What is green manuring ? Write the advantages and disadvantages of green manuring. | 2+4+4=10 |
| 8. Write about the application and advantages of biofertilizer. | 5+5=10 |

= = *** = =