

OLERICULTURE (763)

Sample Question Paper

CLASS – XII (2018-19)

Time allotted: 3 h

Maximum marks: 60

Section A

Multiple choice questions (1-12, one marks each), Attempt any 10 questions

10 x 1 = 10

1. A solanaceous vegetable is

- (a) Bottle gourd
- (b) Brinjal
- (c) Bitter gourd
- (d) Broccoli

2. Early, high temperature maturing cauliflower is

- (a) Pusa Snowball-1
- (b) Pusa Snowball K-1
- (c) Pusa Synthetic
- (d) Pusa Meghna

3. Black leg is a disease of

- (a) Potato
- (b) Carrot
- (c) Peas
- (d) Cabbage

4. The isolation distance between two cabbage varieties for seed production (in metres) is

- (a) 150 m
- (b) 300 m
- (c) 1000 m
- (d) 2000 m

5. The scientific name of cauliflower is

- (a) *Brassica italica*
- (b) *Brassica chinensis*
- (c) *Brassica oleracea var. capitata*
- (d) *Brassica oleracea var. botrytis*

6. A rainy season vegetable is

- (a) Spinach (Palak)
- (b) Broccoli
- (c) Bottle gourd
- (d) Chenopodium

7. Which of these is often cross-pollinated ?

- (a) Tomato
- (b) Carrot
- (c) Bitter gourd
- (d) Brinjal

8. Optimum tuberization temperature in potato is

- (a) 8 – 10°C
- (b) 12 – 16°C
- (c) 18 – 21°C
- (d) 23 – 25°C

9. A single-seeded cucurbitaceous vegetable is

- (a) Tori
- (b) Okra
- (c) Chow Chow
- (d) Shimla mirch (Capsicum)

10 The scientific name of tori is

- (a) *Luffa cylindrica*
- (b) *Citrullus vulgaris*
- (c) *Cucumis melo*
- (d) *Cucurbita pepo*

	<p>11. Most serious pest of brinjal</p> <p>a. White fly b. Black fly c. Fruit fly d. Fruit borer</p> <p>12. Diamond back moth is a serious pest of</p> <p>a. Cabbage b. Cauliflower c. Potato d. Tomato</p>
<p>Very short answer type questions (13-19, 2 marks each). Attempt any five questions 5 x 2 = 10</p>	
<p>Q. No. 13-19</p>	<p>13. Write planting distance of cabbage and cauliflower seedlings</p> <p>14. Write two major diseases of potato</p> <p>15. Write two major vegetables rich in vitamin A.</p> <p>16. Write scientific name of radish and potato</p> <p>17. Two major disease of tomato</p> <p>18. Write two major disorders of cauliflower</p> <p>19. Name four Cucurbitaceous vegetables</p>
<p>Short answer type questions (20-26, 3 marks each). Attempt any five questions 5 x 3 = 15</p>	
<p>Q. No. 20-26</p>	<p>Write short notes on any FIVE of the following:</p> <p>(20) Plant hormones</p> <p>(21) Role of F1 hybrids in cabbage</p> <p>(22) Role of F1 hybrids in tomato</p> <p>(23) Sprouting broccoli</p> <p>(24) Nursery management</p> <p>(25) Job opportunities in vegetable science</p> <p>(26) Major problems of Cole crops</p>

Section B. Long answer type questions (27-33, 5 marks each). Attempt any five questions 5 x 5 = 25

Q. No. 27	Discuss the importance of vegetables in human diet
Q. No. 28	Discuss the cultivation of cauliflower
Q. No. 29	Write the importance of fertigation and the method of its adoption
Q. No. 30	Write the causes and control measures of different physiological disorders of cauliflower
Q. No. 31	How are genetic mechanisms available in cauliflower, cabbage and solanaceous crops used for hybrid seed production
Q. No. 32	Discuss major insect-pests and diseases of Solanaceous vegetables and their control measures
Q. No. 33	Discuss the cultivation of potato under the following heads: soil and climate, planting and seed rate, major diseases and their management.