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***** EXAMINATION *****

USING TRANSPLANTS IN VEGETABLE PRODUCTION

1. **Vegetables grown from transplants can be**

   a) harvested earlier than those grown from seed
   b) harvested later than those grown from seed
   c) cultivated later than those grown from seed
   d) None of the above

2. **Transplants grown in the greenhouse can be protected efficiently**

   a) against environmental stress
   b) against disease pathogens
   c) against insect pests
   d) All of the above

3. **The production of transplants requires**

   a) sterilized growth media
   b) temperature and light control
   c) effective pest and disease management
   d) All of the above

4. **Vegetable species well adapted to transplanting include**

   a) sweet corn
   b) legumes
   c) tomato
   d) cucurbits

5. **Transplant shock can be reduced by**

   a) shallowing planting
   b) spacing the plants wider apart
   c) root pruning
   d) root drying

6. **Root damage can be minimized by**

   a) using more water before transplanting
   b) tilling the soil before transplanting
   c) using peat containers
   d) None of the above

7. **Transplant trays are sanitized before reuse in order to**

a) prevent the spread of diseases
b) reduce the amount of water
c) retain all fertilizers
d) protect the roots

8. **A planting mix is used to**

a) provide support for the plant
b) hold water and nutrients
c) allow gas exchange for the roots
d) All of the above

9. **Most commercial transplant mixes come**

a) pre-sterilized
b) dry
c) wet
d) None of the above

10. **Supplemental lighting for transplants is**

a) profitable where electricity is inexpensive
b) profitable where water is inexpensive
c) profitable where fertilizer is inexpensive
d) profitable where soils are dry

11. **Premature flowering from very old transplants gives**

a) later fruit
b) earlier fruit
c) higher yields
d) larger plants

12. **The time required for growing onion transplants from**

a) seed in the greenhouse is 5 to 7 weeks
b) seed in the greenhouse is 6 to 8 weeks
c) seed in the greenhouse is 10 to 12 weeks
d) seed in the greenhouse is 13 to 15 weeks

13. **The time required for growing broccoli transplants from**

a) seed in the greenhouse is 5 to 7 weeks
b) seed in the greenhouse is 6 to 8 weeks
c) seed in the greenhouse is 10 to 12 weeks
d) seed in the greenhouse is 13 to 15 weeks

14. **Plant disease in a greenhouse occurs when conditions are**

a) warm and moist
b) cold and moist
c) warm and dry
d) cold and dry

15. **Brushing is not useful for**

a) eggplants
b) peppers
c) cucurbits
d) tomatoes

16. **Topping reduces a source of plant energy known as**

a) wicking
b) photosynthates
c) laminating
d) brilliance

17. **Concentrated fertilizers applied at transplanting can**

a) injure roots
b) increase root length
c) increase root thickness
d) increase stem size

18. **Anti-transpirants can**

a) reduce heat loss at the leaf surface
b) reduce water loss at the leaf surface
c) reduce heat loss at the root
d) reduce water loss at the root

19. **The bending of roots during transplanting is known as**

a) twisting
b) reverse extension
c) J-rooting
d) None of the above

20. **The laying of long roots of a transplant in a furrow is known as**

a) extending
b) L-rooting
c) placement
d) None of the above

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