



Competitive Exams: Agriculture MCQs (Practice_Test 12 of 56)

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1. Which one of the following is most suitably used as a filler crop in a mango orchard?
 - a. Aonla
 - b. Grape
 - c. Pomegranate
 - d. Papaya

2. The richest source of iron is
 - a. Parsley
 - b. Spinach
 - c. Celery
 - d. Green peas

3. papaya is rich in
 - a. Vitamin A
 - b. Vitamin B
 - c. Vitamin C
 - d. Vitamin E

4. An ideal fruit for making jelly should be rich in
 - a. Pectin and sugars
 - b. Acids and proteins
 - c. Sugar and acids
 - d. Pectin and acids

5. The recommended storage temperature to extend the shelf life of banana is
 - a. 0° C
 - b. 2° -° C

c. 12° - 5° C

d. 25° - 8° C

6. Which one of the following statements is correct? Controlled atmosphere storage of fruits and vegetables

a. Maintains higher concentration of carbon dioxide than the normal atmosphere

b. Maintains higher concentration of oxygen than the normal atmosphere

c. Maintains higher concentration of nitrogen than the normal atmosphere

d. Maintains higher concentration of ethylene than the normal atmosphere

7. In a paddy field some tiller show round onion leaf like ver shoot in place of normal ear head. This abnormality is used by

a. Brown plant hopper

b. Stem borer

c. Gall midge

d. Gundhi bug

8. Which one of the following pair is not correctly matched?

a. Khaira—Zinc deficiency

b. Molya—Nematode

c. Tikka—Rjngi

d. Tundu—Nematode

9. Which one of the following is the most useful bioagent plant disease control?

a. *Penicillium notatum*

b. *Phoma insidiosa*

c. *Trichoderma viride*

d. *Drechesler sorokiniana*

10. Which one of the following types of mouth parts is sassed by plant parasitic nematodes?

a. Solid sty let

b. Hollow sty let

- c. Tooth like structur within lip
- d. Protractible hollow sty let

11. Match List I with List II and select the correct answer:

List-I (Virus genera)

List-II (Member)

- | | |
|----------|---|
| a. Badna | a. Potato leaf roll virus |
| b. Luteo | b. Tomato spotted wilt virus |
| c. Poty | c. Potato virus Y |
| d. Tospo | d. rice tunggr virus (Bacillifor virus) |

A B C D

- a. 4 1 2 3
- b. 4 1 3 2
- c. 1 4 3 2
- d. 1 4 2 3

12. Which one of the following is the primary source of inoculums for late blight of potato in norther plains of India?

- a. Externally attached sporangium on seed tuber
- b. Infected host debris present in the field
- c. Oospores present in infected tuber
- d. Dormant mycelium present in infected tuber stored in cold storage

13. Which one of the following fungicides is not systemic in nature?

- a. Vitavax
- b. Thiram

c. Benlate

d. Topsin

14. Which one of the following formulations of a pesticide would be most suitable for spraying in a standing crop of rice?

a. Endosulfan EC

b. Endosulfan D

c. Endosulfan G

d. Endosulfan S. D.

15. Which one of the following is the primary source of inoculums for stem rust of wheat for souther and central India?

a. Uredospores produced in Nilgir and Palney hills during off-ason of the crop

b. Uredospores produced on wild grasses in the plain

c. Aeciospores produced on alternate host Berberis in Himalayas

d. Teliospores produced on previous wheat crop

16. Nuclear polyhedrosis virus (NPV) is the most effective for control of

a. Chilo partellus

b. Pectionophor gossypiella

c. Helicoverpa armigera

d. Diacrasia obliqua

17. Which one of the following sulphur dusts with different particle sizes would be most effective in controlling powder mildew of pea?

a. Sulfex-5 mesh

b. Sulfex-00 mesh

c. Sulfex-50 mesh

d. Sulfex-00 mesh

18. Consider the following processes on host plant occurring during pathogenesis:

a. Landing of inoculums

- b. Penetration
- c. Germination
- d. recognition
- e. Establishment and speculation

The correct sequence of these processes is:

- a. 1, 2, 3, 4, 5
- b. 2, 3, 1, 5, 4
- c. 1, 3, 2, 4, 5
- d. 4, 1, 2, 3, 5

19. Which one of the following is/are entomopathogenic fungi?

- a. *Beauveria bassiana*
- b. *Metarrhizium anisopliae*
- c. *Trichoderma harzianum*

Select the correct answer using the codes given bellows:

- a. 2 and 3
- b. 1 and 2
- c. 1 only
- d. 1 and 3

20. Which one of the following is used for fogs composed of ver fine droplets?

- a. Gaseous energy nozzle
- b. Centrifugal energy nozzle
- c. Kinetic energy nozzle
- d. Thermal energy nozzle

21. What quantity of Quinolphos 25 EC is required to obtain 0.05 percent concentration by mixing in one liter of water?

- a. 1 ml
- b. 1.5 ml

c. 2 ml

d. 2.5 ml

22. • **Assertion (A):** Short run AVC curve is 'U' shape.
- **Reason (R):** Law of diminishing returns operates in agricultural production system.
- Both A and R are true and R is the correct explanation of A
 - Both A and R are true but R is NOT the correct explanation of A
 - A is true but R is false
 - A is false but R is true
23. • **Assertion (A):** It is not possible to determine the economic size of the farm for the country as a whole.
- **Reason (R):** The density of population varies from region to region within the country.
- Both A and R are true and R is the correct explanation of A
 - Both A and R are true but R is NOT the correct explanation of A
 - A is true but R is false
 - A is false but R is true
24. • **Assertion (A):** Public investment in agriculture is low (1.5 percent of GDP).
- **Reason (R):** Agricultural productivity is declining day by day.
- Both A and R are true and R is the correct explanation of A
 - Both A and R are true but R is NOT the correct explanation of A
 - A is true but R is false
 - A is false but R is true
25. • **Assertion (A):** Autumn planted sugarcane produces 15 to 20 percent higher yield over spring planting.
- **Reason (R):** Suitable atmospheric temperature and relative humidity during germination is a possible Reason for increased cane yield under autumn planting.
- Both A and R are true and R is the correct explanation of A

- b. Both A and R are true but r is NOT the correct explanation of A
 - c. A is true but r is false
 - d. A is false but r is true
26. • **Assertion (A):** Distribution of primary minerals is indicative of the parent material from which the soil has been formed.
- **Reason (R):** Particle size distribution of resistant minerals helps in identifying the uniformity or non-uniformity of parent material in the different horizons of a profile.
- a. Both A and R are true and R is the correct explanation of A
 - b. Both A and R are true but r is NOT the correct explanation of A
 - c. A is true but r is false
 - d. A is false but r is true
27. • **Assertion (A):** Organic matter is hydrophobic. Yet its incorporation in mineral soils improves water holding capacity.
- **Reason (R):** Hydrophobic nature of organic matter is destroyed when it reacts with mineral matter.
- a. Both A and R are true and R is the correct explanation of A
 - b. Both A and R are true but r is NOT the correct explanation of A
 - c. A is true but r is false
 - d. A is false but r is true
28. • **Assertion (A):** Deficiency of calcium is first seen in the younger plant parts and also causes plant meristematic malfunction and dieback.
- **Reason (R):** Calcium is highly immobile amongst the essential elements.
- a. Both A and R are true and R is the correct explanation of A
 - b. Both A and R are true but r is NOT the correct explanation of A
 - c. A is true but r is false
 - d. A is false but r is true
29. • **Assertion (A):** Amrapalli cultivar of mango is suitable for high density orcharding.

- **Reason (R):** Amrapallia is regular bearing cultivar.

- a. Both A and R are true and R is the correct explanation of A
- b. Both A and R are true but r is NOT the correct explanation of A
- c. A is true but r is false
- d. A is false but r is true

30. • **Assertion (A):** Neem seed kernel (NSK) is the most active part of the Neem tree possessing insecticidal activity.

- **Reason (R):** Concentrations ranging from 0.001 to 0.4 percent of Neem Seed Kernel

Extract (NSKE) have generally been found to deter feeding of most insects.

- a. Both A and R are true and R is the correct explanation of A
- b. Both A and R are true but r is NOT the correct explanation of A
- c. A is true but r is false
- d. A is false but r is true

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