



## Competitive Exams: Agriculture MCQs (Practice\_Test 28 of 56)

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1. Which one of the following groups denotes the species of rose predominantly used for rose oil extraction?
  - a. rosa bourboniana, r foetida, r indica
  - b. r chinensis, r rugosa, r canina
  - c. r damascena, r centifolia, r, bourboniana
  - d. r multiflora, r canina, r chinensis
  
2. Consider the following statements:
  - a. Guava is propagated through seeds only.
  - b. Most common method of propagating litchi is air-ying.
  - c. The propagation of peach is done by budding on seedling peach.

Which of the statements given above are correct?

- a. 1 and 2 only
  - b. 2 and 3 only
  - c. 1 and 3 only
  - d. 1, 2 and 3
- 
3. Which one of the following compounds evokes a reaction in an individual of different species that is favorable to the emitter but not to the receiver?
    - a. Allomone
    - b. Antimone
    - c. Synomone
    - d. Kairomone
  
  4. Which one of the following parasitoids proved effective for the control of citrus mealy bug?
    - a. Apanteles angaleti

- b. *Leptomastix dactylopii*
  - c. *Ooencyrtus erionotae*
  - d. *Tetrastichus radiatus*
5. Which one of the following is the recommended storage temperature range to extend the storage life of cut spikes of gladiolus for two weeks?
- a. 2 to 0° C
  - b. 1 to 2° C
  - c. 10 to 15° C
  - d. 20 to 25° C
6. Which one of the following pathogens shows powder patches on leaves and other green parts of the plants?
- a. *Phytophthora colocasiae*
  - b. *Assochyta phaseolorum*
  - c. *Erysiphe polygoni*
  - d. *Glomerella lindemuthianum*
7. Match List-I with List-II and select the correct answer using the code given below the lists:

List-I (Pest)

List-II (Immature stage)

a. *Bermisia tabaci*

a. Maggot

b. *Orseolia oryzae*

b. Grub

c. *Hispa armigera*

c. Nymph

d. *Anomis sabulifera*

d. Caterpillar

**A B C D**

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

8. Consider the following statements:

- a. Marigold flower last longer if the field is irrigated before plucking of flowers.
- b. Carnation flower should always be transported preceded.

Which of the statements given above is/are correct?

- a. 1 only
- b. 2 only
- c. Both 1 and 2
- d. Neither 1 nor 2

9. Infectious chlorosis in banana is caused by which one of the following?

- a. Virus
- b. Bacteria
- c. Fungus
- d. Phanerogamic plant parasite

10. With reference to biological control of pests, consider the following statements:

- a. *Bacillus thuringiensis* is a biological control agent against tobacco caterpillar.
- b. *Menochilus sexmaculata* feeds on aphids and mealy bugs.

Which of the statements given above is/are correct?

- a. 1 only

- b. 2 only
- c. Both 1 and 2
- d. Neither 1 nor 2

11. Which one of the following insect pests produces 'shoot hole' damage?

- a. *Eublema silicula*
- b. *Contarinia sorghicola*
- c. *Chilo partellus*
- d. *Nymphula depunctalis*

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

- a. Heavy shedding of squares—*Earias insulana*
- b. Pigeon pea wilt—*Bemisia tabaci*
- c. Double seed formation—*Pectinophora gossypiella*
- d. Rice plants yellow & red. Growth is adversely affected—*Nephotettix apicalis*

13. What is the droplet spectrum of mist blower

- a. 400 – 00m
- b. 100 – 0m
- c. 50 – 0m
- d. 1 – m

14. In which one of the following nozzles, the ratio of fluid discharge to air is 1 to 1000 times for appropriate atomization?

- a. Cone nozzle
- b. Gaseous nozzle
- c. Hydraulic nozzle
- d. Centrifugal nozzle

15. Consider the following pairs:

- a. Cucumber—Monoecious plant
- b. Bitter gourd—Monoecious plant

c. Pointed gourd—Dioecious plant

Which of the above pair is/are correctly matched?

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

16. Match List I with List II and select the correct answer using the code given below the lists:

List-I (Insect Pest)

List-II (resistant variety)

a. *Atherigona soccata*

a. ratna

b. *Chilo partellus*

b. Dulia

c. *Scirpophaga incertulas*

c. Kanchan

d. *Helicoverpa armigera*

d. Maldandi

**A B C D**

a. 2 1 3 4

b. 2 3 1 4

c. 4 1 3 2

d. 4 3 1 2

17. Which one of the following is the vector for yellow vein mosaic of okra?

- a. White fly
- b. Green plant hopper
- c. Aphids
- d. Jassids

18. Which one of the following pesticides is a most potent insecticidal, acaricidal and anthelmintic compound?

- a. Avermectins
- b. Ecdysteroids
- c. Organ chlorines
- d. Paris green

19. With reference to fungal infection, consider the following:

- a. Ger tube production
- b. Aspersorium formation
- c. Penetration into the host tissue
- d. Formation of infection threads

What is the correct sequence of the above?

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

20. Which one of the following is the correct sequence regarding the appearance of different stages in the life cycle of cereal rusts?

- a. Pycnial-Uredial-ecial-Telial-Basidial
- b. Pycnial-ecial-Uredial-Telial-Basidial
- c. Aecial-ycnial-Uredial-Telial-Basidial
- d. Uredial-Pycnial-ecial-Basidial-Telial

21. Match List-I with List-II and select the correct answer using the code given below the lists:

List-I (Disease)

- a. Leaf cur of tomato
- b. Black ar of cotton
- c. Black scur of potato

List-II (Kind of causal organism)

- a. Bacteria
- b. Fungus
- c. Nematode

d. Ear cockles of wheat

d. Virus

**A B C D**

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a. 3 1 2 4

b. 3 2 1 4

c. 4 2 1 3

d. 4 1 2 3

22. Which one of the following processes does not involve any role of abscisic acid?

a. Stomatal closure

b. Dormancy

c. Lateral bud development

d. Defense against stresses

23. What is the quantity of chlorpyrifos 20 EC required for treating an area which requires 1000 litres of spray fluid at 0.5% strength?

a. 1000 ml

b. 1500 ml

c. 2000 ml

d. 2500 ml

24. Which one of the following is an endoparasite, the larvae of which penetrate roots causing small galls there?

a. *Anguina tritici*

b. *Aphelenchoides besseyi*

c. *Meloidogyne graminicola*

d. *Tylenchorhynchus vulgaris*

25. Which one of the following methods is not used for determining heterogametic sex?
- Cytological identification of heteromorphy pair of sex chromosomes
  - Banding (Q banding, C banding, r banding)
  - Vigour of males in the progenies
  - Sex ratio in the progenies
26. • **Assertion (A):** Pollination is not necessary for the development of endosperm in apodictic crops.
- **Reason (R):** Apodictic seeds are formed without the union of gametes.
- Both A and R are individually true and R is the correct explanation of A.
  - Both A and R are individually true but R is not the correct explanation of A.
  - A is true but R is false
  - A is false but R is true
27. • **Assertion (A):** Phosphorus availability is one of the major constraints to plant growth in nature.
- **Reason (R):** Phosphorus has low solubility and high sorption capacity in soil.
- Both A and R are individually true and R is the correct explanation of A.
  - Both A and R are individually true but R is not the correct explanation of A.
  - A is true but R is false
  - A is false but R is true
28. • **Assertion (A):** In India, the yield of the kharif crop of sesamum is very high as compared to that in other seasons.
- **Reason (R):** In India, the kharif crop of sesamum is entirely rained.
- Both A and R are individually true and R is the correct explanation of A.
  - Both A and R are individually true but R is not the correct explanation of A.
  - A is true but R is false
  - A is false but R is true
29. • **Assertion (A):** Multiline varieties exhibit durable disease resistance.



- **Reason (R):** Major genes responsible for conferring disease resistance may be incorporated in a popular variety using backcross method of breeding.
  - a. Both A and R are individually true and r is the correct explanation of A.
  - b. Both A and R are individually 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):** Volatilization losses of N as ammonia are considerable in calcareous soils.
  - **Reason (R):** High microbial activity in calcareous soils leads to development of soil acidity favoring the supply of H<sup>+</sup> ions for the formation of NH<sub>3</sub> to escape from soil.
    - a. Both A and R are individually true and r is the correct explanation of A.
    - b. Both A and R are individually 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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