

## Examrace

# Competitive Exams: Agriculture MCQs (Practice\_Test 27 of 56)

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1. Which system is used for hybrid seed production in onion?
  - a. Self-compatibility
  - b. Dioecious
  - c. Cytoplasmic male sterility
  - d. Genetic male sterility
  
2. Match List-I with List-II and select the correct answer using the code given below the lists:

List-I (Insect Pest)	List-II (Natural Enemy)
A. Woolly apple aphid	1. rodolia cardinalis
B. San Jose scale	2. Aphelinus mail
C. Coconut caterpillar	3. Bracon brevicornis
D. Cottony cushion scale	4. Prospaltella perniciosi

**A B C D**

- a. 1 2 3 4
  - b. 2 3 4 1
  - c. 2 4 3 1
  - d. 1 3 2 4
- 
3. What Is the most effective method for transfer of an oligogenic character in an otherwise agronomical superior genotype?
    - a. Pedigree
    - b. Bulk population

- c. recurrent selection
  - d. Backcross
4. Maintenance and multiplication of A line used in crops like pear millet, is done through
- a. Crossing the plants of 'A' line with those of 'B' line
  - b. Crossing the plants of 'A' line with those 'B' line
  - c. Selfing the plants of 'A' line
  - d. Crossing the plants of 'A' line with any popular variety
5. The gene-r-ne hypothesis regarding disease resistance in crop varieties has following features:
- a. This hypothesis was proposed for rust in linseed by flor
  - b. For each gene for resistance in the host plant, ther is corresponding gene for virulence in the pathogen.

Which of the features given above is/are correct?

- a. 1 only
  - b. 2 only
  - c. Both 1 and 2
  - d. Neither 1 nor 2
6. The male gametic nuclei ar the result of mitotic division for which one of the following?
- a. Male gametophyte
  - b. Microspores
  - c. Microspor mother cell
  - d. Generative nucleus
7. When both the alleles of a gene ar fully expressed in a heterozygote, what is this phenomenon called?
- a. Complete dominance
  - b. Over dominance
  - c. Co dominance
  - d. Pseudo dominance
8. Which of the following cell organelle (s) cause (s) male sterility in mustard?

- a. Golgi apparatus only
- b. Mitochondrion and Endo-asmic reticulum
- c. Lysosome and Golgi apparatus
- d. Mitochondrion only

9. Cross-llination in Maize is mainly on account of which one of the following?

- a. Dioecism
- b. Monoecism
- c. Protogyny
- d. Self-compatibility

o. Consider the following statements:

- a. Additive genetic variance can be utilized to develop a variety.
- b. Dominance variance can be utilized for developing hybrids.

Which of the statements given above o/are correct?

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

11. Consider the following statements: Centr of diversity refer to the area where cultivated plant species and/or their wild relatives show

- a. Ver high adaptation
- b. Low competition with unrelated species
- c. Highest variation
- d. High ecosystem diversity

Which of the statements given above are correct?

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

12. Which one of the following statements is not correct about heteromorphy system of self-compatibility?
- a. SI system is under saprophytic control
  - b. It is found in sweet potato and buckwheat
  - c. Governed by S locus having pheliotropic effect
  - d. Governed by S locus that has two alleles
13. Which one of the following is the simplest method for testing the General Combining Ability of an inbred Sine?
- a. Single cross
  - b. Multiple cross
  - c. Top cross
  - d. Test cross
14. Consider the following landmar events in crop variety development in India:
- a. Development of transgenic crops
  - b. Semidwarf varieties of wheat and rice
  - c. Hybrid cotton

Which one of the following is the correct chronological sequence of the above events?

- a. 321
  - b. 231
  - c. 213
  - d. 132
15. Consider the following statements:
- a. Acid lime (*Citrus pennivesiculata*) is propagated commercially through seeds.
  - b. Sweet lime (*citrus limettioides*) is generally propagated by layering or hardwood cutting.

Which of the stataements given above is/are correct?

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

16. In the context of post-harvest handling, which one among the following vegetables has highest rate of respiration?
- Beans
  - Cabbage
  - Carrot
  - Onion
17. Match List I with List II and select the correct answer using the code given below the lists:

List-I (Crop)	List-II (Cultivar)
A. Grape	1. Arka Navneet
B. Brinjal	2. Perlette
C. Tomato	3. Arka Lohit
D. Capsicum	4. Arka Vikas

**A B C D**

- 3 4 1 2
  - 3 1 4 2
  - 2 1 4 3
  - 2 4 1 3
18. Match List I with List II and select the correct answer using the code given below the lists:

List-I (Fruit Crop)	List-II (recommended spacing)
A. Banana	1. $6 \times 6$
B. Guava	2. $4 \times 4$
C. Custar apple	3. $12\text{m} \times 12\text{m}$
D. Jackfruit	4. $1.2\text{m} \times 1.2\text{m}$

**A B C D**

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

19. Tomato is which one of the following?

- a. Long day plant
- b. Short-y plant
- c. Day neutral plant
- d. Quantitative short-y plant

20. Which one of the following systems of orchar planting accommodates the maximum number of plants per unit area?

- a. Squar system
- b. Hexagonal system
- c. rectangular system
- d. Contour system

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

- a. Seedless watermelon—Pusa Bedana
- b. Soft-eded guava—Sharad seedless
- c. Soft-eded mango—Sindhua
- d. Seedless lime—Tahiti

22. Consider the following pairs: Disease Causal Organism

- a. Leaf spot of pigeon—Cercospor indica pea (Arhar)
- b. Collar rot of groundnut—Pellicularia rolfsii
- c. Grey Mildew Of Cotton—Ramularia areola

Which of the above pair are correctly matched?

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

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

- a. Bract mosaic virus—Banana
- b. Yellow vein mosaic—Cassava
- c. Ring spot virus—Papaya
- d. Leaf cur virus—Tomato

14. rayan is commonly used as a rootstock in the propagation of which one of the following?

- a. Mango
- b. Custar apple
- c. Tamarind
- d. Sapota

15. Aonla is best suited to grow under which one of the following?

- a. Acidic soil condition
- b. Slightly acidic to saline sodic soil conditions
- c. Calcareous soil condition
- d. Alkali soil condition

16. Consider the following statements:

- a. Tomato leaf cur disease is more serious during autumn crop.
- b. Tomato leaf cur disease is airborne.

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

17. Which one of the following methods of grafting is not normally used for plant propagation?

- a. Approach grafting
- b. Bride grafting
- c. Venner grafting
- d. Whip grafting

8. Consider the following statements:

- a. The flesh and seeds of brinjal fruit contain linoleic and linolenic acids which help in lowering blood cholesterol.
- b. Cabbage gives protection against bowel cancer due to the presence of indole-carbonyl.

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

List-I (Disorder)	List-II (Fruit)
A. Malformation	1. Pineapple
B. Fasciation	2. Sweet orange
C. Seediness	3. Mango
D. Granulation	4. Banana

**A B C D**

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

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



List-I (Crop)	List-II (Family)
A. Asparagus	1. Araceae
B. Colocasia	2. Compositae
C. Lettuce	3. Liliaceae
D. radish	4. Cruciferae

**A B C D**

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

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