

Examrace

Competitive Exams: Agriculture MCQs (Practice_Test 14 of 56)

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1. Which one of the following types of mouth-parts is present in plant parasitic mites?
 - a. Chewing and biting
 - b. Face rating and sucking
 - c. Chewing and lapping
 - d. Piercing and sucking
2. Which one of the following was introduced in the countr to eradicate prickly pear (Opuntia dilleni) weed?
 - a. Chrysomella spp.
 - b. Dactylopius tomentosus
 - c. Zygogramma bicolarata
 - d. Neochetina spp
3. Which one of the following microbial agents is being commercially exploited as bio-ntrol agent?
 - a. Penicillium notatum
 - b. Bacillus subtilis
 - c. Trichoderma viride
 - d. Sclerotium rolfsii
4. Which one of the following causes more wastage of pesticide by drift?
 - a. High volume sprayer
 - b. Ultra-w volume sprayer
 - c. Hand sprayer
 - d. Low volume sprayer
5. ◦ **Assertion (A):** Mendel's Law of Independent Assortment is based on the significance of Synaptonemal Complex.

- **Reason (R):** Synaptonemal Complex is a ripartite structur usually formed between the two paired homologous chromosomes of each bivalent undergoing meiosis.
 - a. Both A and R ar individually true and R is the correct explanation of A
 - b. Both A and R ar 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
- 6. ◦ **Assertion (A):** Postponing of first irrigation to 40-days after sowing is always preferable for cotton crop.
 - **Reason (R):** Delayed irrigation helps in preventing the plants from making excessive vegetative growth.
 - a. Both A and R ar individually true and R is the correct explanation of A
 - b. Both A and R ar 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
- 7. ◦ **Assertion (A):** For sugarcane 'N' fertilizer application has to be completed, within 60 days after planting.
 - **Reason (R):** By late and excess application of 'N' sugar content in the juice is decreased.
 - a. Both A and R ar individually true and r is the correct explanation of A
 - b. Both A and R ar 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
- 8. ◦ **Assertion (A):** Application of organic materials with C: N ratio wider than 20 to 30: 1 leads to immobilization of soil N.
 - **Reason (R):** Due to application of materials containing high C: N ratio, the number of auto tropic organisms will rapidly increase which utilize soil N leading to its immobilization.
 - a. Both A and R ar individually true and r is the correct explanation of A
 - b. Both A and R ar 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

9. ◦ **Assertion (A):** Rice crop growth suffer in submerged fields due to lack of proper supply of N.
- **Reason (R):** Under submerged conditions, losses of N occur mainly through denitrification, volatilization and leaching.
- a. Both A and R ar individually true and r is the correct explanation of A
- b. Both A and R ar 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
10. ◦ **Assertion (A):** The most remunerative combination of intercrops in banana is moong-nger
- **Reason (R):** Intercropping in banana is done up to initial five months of planting.
- a. Both A and R ar individually true and r is the correct explanation of A
- b. Both A and R ar 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
11. ◦ **Assertion (A):** Potato seed tuber do not germinate if planted soon after removal from cold storage.
- **Reason (R):** Use of unspotted seed tubers results in poor germination.
- a. Both A and R ar individually true and r is the correct explanation of A
- b. Both A and R ar 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
12. ◦ **Assertion (A):** Microbial pesticides have not been economically competitive with chemical pesticides.
- **Reason (R):** Microbial pesticides ar host specific and relatively slow in action in killing the pest.
- a. Both A and R ar individually true and r is the correct explanation of A
- b. Both A and R ar 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

13. ◦ **Assertion (A):** The parasitic insects of the order Hymenoptera are of greater importance in the biological control of insect pests. 5 of 1.
- **Reason (R):** The Ladybird beetles form a very important group of predators of aphids, coccids, aleyrodids and mites.
- 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
14. ◦ **Assertion (A):** The occurrence of late blight of potato in the plains of North India has increased during recent years.
- **Reason (R):** The storage of potato tubers infected with *Phytophthora* infestants in cold stores helps in its survival.
- 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
15. ◦ **Assertion (A):** A pure strain of a virus causing a plant disease is used in the Cross Protection technique.
- **Reason (R):** Cross Protection technique induces resistance in the host plant against the viral disease.
- 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
16. The most advantageous breeding procedure practiced in the crops where seedless fruits are more desirable than the seeded ones is
- a. Mutation breeding
- b. Distant hybridization
- c. Multiple cross breeding
- d. Polyploidy breeding

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

List-I (Crops)	List-II (Varieties)
A. Arachis hypogea	1. Amrapali
B. Mangifer indica	2. AK 12
C. Vigna radiata	3. Washington
D. Carica papaya	4. Pusa Vaisakhi

A B C D

- a. 1 2 3 4
- b. 1 2 4 3
- c. 2 1 4 3
- d. 2 1 3 4
8. Which one of the following sequences of crops is correct in terms of their increasing value of isolation distance?
- a. Pea, tomato, potato
- b. Potato, pea, tomato
- c. Tomato, potato, pea
- d. Pea, potato, tomato
19. Breakage fusion bridge cycles of crossingover of Par centric inversions are most common in
- a. Maize
- b. Pear millet
- c. Sorghum
- d. Wheat
20. If a breeder wants to improve a land race of pea and supply it for seed production within 2-years, the best possible procedure can be
- a. Mass selection

- b. Pur line selection
 - c. Pedigree method
 - d. recurrent selection
21. The cucurbits are generally crosspollinated, because
- a. Plants are dioecious
 - b. Non-synchronous maturity of male and female parts of flower occurs
 - c. Flowers are unisexual
 - d. Flowers are chasmogamous
22. Which one of the following rice varieties has been developed through induced mutagenesis?
- a. IR-8
 - b. Mahsuri
 - c. Pankaj
 - d. Jagannath
23. In back-cross breeding repeated crossing with recurrent parent is done to
- a. Transfer the desirable gene from donor parent
 - b. Break undesirable linkages
 - c. retain the intensity of desirable gene
 - d. Completely recover the genotype of recurrent parent
24. In apomixes, the progeny closely resembles
- a. Male parent
 - b. Female parent
 - c. Both male and female parents
 - d. None of the parents
25. For inducing the germination, stratification is practiced in seeds of
- a. Citrus
 - b. Apple
 - c. Cashew
 - d. Mango

6. Blanching of fruits and vegetables is done to
- Soften the product
 - Check the enzymatic activities
 - Increase the sweetness
 - Enhance the life of the product
7. Which one of the following is propagated by leaf cutting methods?
- rex begonia
 - Caladium
 - Gladiolus
 - Tuberose
8. Match List I with List II and select the correct answer:

List-I (Flowers)	List-II (Cultivars)
A. rose	1. Mayur
B. Gladiolus	2. raktagandha
C. Chrysanthemum	3. Sharad Shobha
D. Bougainvillea	4. Begum Sikandar

A B C D

- 4 1 3 2
 - 2 1 3 4
 - 2 3 1 4
 - 4 3 1 2
9. Panama disease of banana is prevented by
- Spraying copper fungicide
 - Spraying zinc carrier
 - Application of lime to the soil

d. Providing adequate irrigation

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

List-I (Name of Plants)	List-II (Botanical Names)
A. Carnation	1. Momordica charantia
B. Marigold	2. Dianthus caryophyllus
C. Bitter gourd	3. Punica granatum
D. Pomegranate	4. Targets erecta

A B C D

a. 2 1 4 3

b. 3 1 4 2

c. 2 4 1 3

d. 3 4 1 2

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