

Competitive Exams: Agriculture MCQs (Practice-Test 31 of 56)

1. With four bases A, U, G and C the possible number of triplet codons are 64. If there is no uracil, the number of codons will be
 - a. 3/64
 - b. 9/64
 - c. 27/64
 - d. None of the above
2. A Mendelian population means
 - a. Self-fertilized population
 - b. Inbred population
 - c. random-mating population
 - d. Hybrid population
3. Which one of the following is the site of protein synthesis?
 - a. ribosome's
 - b. t-A
 - c. m-A
 - d. r-A
4. When homologous chromosomes fail to pair in Prophase of meiosis, the phenomenon is known as
 - a. Desynapsis
 - b. Non-synapsis
 - c. A synapsis
 - d. Disjunction
5. Which one of the following chemicals is used to induce polyploidy?

- a. Ethyl methane sulphonate
 - b. Methyl methane sulphonate
 - c. Colchicines
 - d. Nitrous acid
6. Which one of the following will be most suitable for growing under arid zone of India?
- a. Jack fruit
 - b. Papaya
 - c. Sweet Orange
 - d. Ber (jajube)
7. Which of the following stone fruits are grown in the plains of North India?
- a. Peach
 - b. Plum
 - c. Pear

Select the correct answer from the codes given below:

- a. 1 and 2
 - b. 2 and 3
 - c. 1 only
 - d. All 1, 2 and 3
8. Which is the correct sequence of the floral parts of a Pumpkin?
- a. Ovary, corolla and stigmatic lobes
 - b. Corolla, stigmatic lobes and ovary
 - c. Stigmatic lobes, ovar and corolla
 - d. Corolla, ovar and stigmatic lobes
9. Which one of the following soils is best for vegetable cultivation?
- a. Sandy
 - b. Sandy loam

- c. Clay loam
 - d. Clay
10. The most widely used plant growth substance grape cultur for reducing compactness of bunches and improving berr size is
- a. NAA
 - b. GA₂
 - c. IAA
 - d. 2, 4 – D
11. The ill effects of submergence of roots of deciduous fruits plants in water for very long time, is due primarily to
- a. Lack of nutrients
 - b. Lack of aeration
 - c. Excess of moisture
 - d. Poor absorption of moisture
12. Which one of the following groups of crops is most suitable and recommended for inter-opping in the young orchards?
- a. Shor duration foddors
 - b. Shor duration fruit crops
 - c. Poplar and Eucalyptus
 - d. Shor duration legume vegetables
13. The main objective of growing intercrops with the main fruit crop is to
- a. Help the fruit crop to grow better
 - b. Improve the soil fertility
 - c. Check soil erosion
 - d. None of the above
14. In relation to crop rotation which one of the following statements is incorrect?
- a. Legume may be followed by nonlegume

- b. Vegetable susceptible to a particular pest should be followed by a resistant one
 - c. Heavy feeder should be followed by low feeders
 - d. Deep rooted crop should be followed by same type of crop
15. Which one of the following vegetables is the richest source of protein?
- a. Pea
 - b. Fenugreek
 - c. Pointed Gourd
 - d. Cucumber
16. Which one of the following is the main cause for development of color pigment in the flave do of matur ripe Orange fruit?
- a. Hesperidin
 - b. Naringin
 - c. Carotene
 - d. Chlorophyll
17. Which one of the following f r u i t s will be most useful in human diet for avoiding survey disease?
- a. Mandarin Orange
 - b. Guava
 - c. Aonla (Phyllanthus emblica)
 - d. Apple
18. Citrus fruits can be preserved for a few weeks at room temperatur by
- a. Submerging them in cold water and then drying
 - b. Keeping them in well ventilated room
 - c. Putting them in an atmospher rich in CO₂
 - d. By wrapping individual fruit in HDP envelopes
19. Sodium benzoate is added for preservation of most of fruit juices in the concentration of
- a. 01.05%

b. . 06.10%

c. 1.11. 5%

d. 1.62. 0%

20. What is the chemical formula of potassium metabolic sulphite, the most common preservative?

a. KMS

b. K_2SO_2

c. KSO_2

d. $K_2S_2O_3$

21. What is the correct sequence in which the following events occur during pathogenesis or disease cycle?

a. Penetration

b. Colonization

c. Infection

d. Exit of pathogen

i. 1, 3, 2, 4

ii. 1, 2, 3, 4

iii. 3, 1, 2, 4

iv. 4, 2, 3, 1

22. Which one of the following is the cause of "Spreading decline" of citrus?

a. Citrus nematode (*Tylenchulus semipentans*)

b. Burrowing nematode (*Radopholus similis*)

c. Fungal disease

d. Nutritional deficiency

23. The incidence of "White grubs" is heavy in

a. Heavily water-logged fields

b. Dry fields having sandy-am soil

- c. Dr fields of heavy clay soil
- d. Deser land having little vegetation

24. Which one of the following helps in maintaining the shape of nematodes?

- a. Pseudocoelomic fluid
- b. Cuticle and muscles
- c. Pseudocoelome
- d. Annulations of cuticle

25. Green leaf hopper of paddy is the primary vector of

- a. Tungr disease
- b. Sheath rot disease
- c. Kresek disease
- d. Ufr disease

26. White ear-eat in paddy is caused by

- a. Gallfly
- b. Green leaf hopper
- c. Yellow stem borer
- d. Stinkbug

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

List-I (Contribution)

List-II (Scientist)

- | | |
|---|---------------|
| a. A fungus is the cause of wheat-nt disease | a. K C Mehta |
| b. Moder techniques of growing microorganism in pur culture | b. T O Diener |
| c. Discover of disease cycle of wheat rust in India befor 1 947 | c. Prevost |
| d. Introduced the Viroid | d. Brefeld |

A B C D

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

28. Which one of the following types of spraying is best done by manually operated knapsack sprayer having flat-n nozzle?

- a. High volume
- b. Low volume
- c. Ultr low volume
- d. Semi-w volume

29. Domestic quarantine exists in India against

- a. Panama disease of banana
- b. Potato root eelworm
- c. San Jose scale
- d. Sugar beet eelworm

Select the correct answer using the codes given below:

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