

Examrace

Competitive Exams: Agriculture MCQs (Practice_Test 40 of 56)

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1. The two important diseases of sugarcane would include
 - a. Little leaf and bacterial wilt
 - b. red rot and grassy shoot
 - c. red rot and bunt
 - d. Bakanae disease and stem canker
2. Which one of the following statements correctly defines economic threshold level?
 - a. The pest population level at which control measures should be taken to prevent the pest population from reaching economic injur level
 - b. The lowest pest population density that will cause economic damage
 - c. The optimum pest population density that will cause economic damage
 - d. The pest population level at which application of pest control measures will be uneconomic
3. Which one of the following statements correctly defines the “alternate host” of a pathogen/parasite?
 - a. A host on which a parasite attacks simultaneously with the main host
 - b. A host which grows in alternate season or year
 - c. One of the two kinds of hosts on which a parasitic fungus develops to complete its life cycle
 - d. A host on which, the parasite does not attack in normal conditions
4. Which one of the following is the best method of controlling ear cockle disease of wheat?
 - a. Application of solar heat
 - b. Mechanical separation of infected seed by floatation
 - c. Application of balanced dose of fertilizer
 - d. Treatment of seed with pesticide

5. What is the chronological order in which the following organizations were established by Govt. Of India?
- Locust warning and control organizations
 - Directorate of Plant Protection, Quarantine and Storage
 - Zoological Survey of India

Select the correct answer using the codes given below:

- 1,3, 2
 - 3,2, 1
 - 3,1, 2
 - 2,1, 3
6. Mycoplasma is sensitive to
- Pencillin
 - Bavistin
 - Tetracycline
 - Calixin
7. Which of the following come under the categor of cultural control of insects?
- Change in sowing time
 - Destruction of collateral hosts
 - Killing effect on sun's rays
 - Mixed cropping

Select the correct answer using the codes given below:

- 1,2, 3 and 4
 - 2 and 4
 - 1,2 and 4
 - 1 and 2
8. Which one of the following can be classified as autodial technique of insect control?
- Introduction of bio-ents
 - Evolving resistant cultivars
 - Use of insect growth regulators
 - release of sterile males

9. Which one of the following sprayers requires only one thir of the quantity of water while keeping the same quantity of active ingredient of the pesticide per hectare?
- Foot/pedal sprayer
 - Mist blower
 - rocking sprayer
 - Knapsack/backpack sprayer
10. Which one of the following sprayers would require the LOWEST volume of spray solution to cover a hectar of rice crop?
- Power sprayer
 - Foot sprayer
 - Knapsacks prayer
 - Hand sprayer
11. The quantity of liquid insecticide with 25 % active ingredient required for preparing 500 liter of the spray fluid of 0.25 % strength is
- 1.25 litre
 - 2,5 litre
 - 5.0 litre
 - 10 litre
12. The first step in Extension Programme Planning local level is
- Determining the objectives
 - Analysis of the existing situation
 - Deciding the extension teaching methods to be used
 - Determining the targets
13. While working as an extension specialized in a village one finds that the package of practices ar NOT being followed despite the best communication methods one had employed for the purpose. One finds the following Reasons for non-aptively.
- 60 % are laggards
 - 20 % are innovative but orthodox
 - 20 % are old and orthodox
- The best remedial measur would be to
- Adopt l and 3

- b. Adopt 2 alone
- c. Avoid 3
- d. Adopt 2 and make them team leader of 1

14. Consider the following institutions:

- a. Zila parishad
- b. Gram pane hay at
- c. Village school
- d. Village co-erative

The basic rural institutions would include

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

15. ◦ **Assertion (A)** : Divisibility of input output, factor is an essential requirement of linear programming model.

◦ **Reason (R)** : Natur of input and output factor has to be continuous in a linear programming model.

- a. Both A and rare true and R is the correct explanation of A.
- b. Both A and rare 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. ◦ **Assertion (A)** : Region II is a rational region of production.

◦ **Reason (R)** : Region II of a production function has a point of maximum profit.

- a. Both A and rare true and R is the correct explanation of A.
- b. Both A and rare 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.

17. ◦ **Assertion (A)** : Late-wn wheat crop requires less amount of fertilizer than does the crop sown at the optimal date.

- **Reason (R)** : Growth duration of late-wn wheat is less than that of the crop sown at the optimal date.
 - 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.
- 18. ○ **Assertion (A)** : Potato seeds are treated with one percent aqueous solution of thiourea for an hour before sowing.
 - **Reason (R)** : Potato soil has a dormancy period.
 - 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.
- 19. ○ **Assertion (A)** : A deep soil profile regulates the free movement of nutrients for a good crop growth.
 - **Reason (R)** : Eluviation is the result of an illumination process favoring accumulation of nutrient elements and colloidal content in B horizon.
 - 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.
- 20. ○ **Assertion (A)** : Shale is an igneous rock.
 - **Reason (R)** : Shales were formed by sedimentation of fine clay in sea-bed in the remote past.
 - 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.
- 21. ○ **Assertion (A)** : Granular structure is a characteristic of grassland soils.
 - **Reason (R)** : Granular soils are rich in organic matter content.

- 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.
22. ◦ **Assertion (A)** : Low availability of phosphorus is a problem in both acidic and alkaline soils.
- **Reason (R)** : Soil pH regulates the availability of different soil nutrients.
- 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.
23. ◦ **Assertion (A)** : Farmyard manure is beneficial in sandy as well as clayey soils.
- **Reason (R)** : Farmyard manure contains all the three major nutrients, namely N, P and K in an average 0.5, 0.25 and 0.5 percent of $N_2P_2O_5$ and K_2O respectively.
- 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
24. ◦ **Assertion (A)** : Self-fertilization is common in tomato.
- **Reason (R)** : The anther splits longitudinally in a turned inward manner so that the pollen falls directly on the stigma.
- 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
25. ◦ **Assertion (A)** : Loquat is the only evergreen fruit plant belonging to the family Rosaceae.
- **Reason (R)** : Loquat is cultivated in subtropical climate only.
- a. Both A and R are true and R is the correct explanation of A.

- b. Both A and rare 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)** : Late cauliflower can be grown in rotation with kharif crop of lady's finger
- **Reason (R)** : Cauliflower can be grown in between the rows of lady's finger crop.
- a. Both A and rare true and R is the correct explanation of A.
- b. Both A and rare 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)** : Both nymphs and adults of an insect species have the same type of mouth parts.
- **Reason (R)** : Such species lack complete metamorphosis.
- a. Both A and rare true and R is the correct explanation of A.
- b. Both A and rare 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)** : For successful farming, pests must be controlled.
- **Reason (R)** : All insects ar crops pests.
- a. Both A and rare true and R is the correct explanation of A.
- b. Both A and rare 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)** : The pump of a pneumatic or compression sprayer is required to be operated continuously while spraying.
- **Reason (R)** : Initial operation of the pump develops certain amount of pressur on the spray fluid within the tank.
- a. Both A and rare true and R is the correct explanation of A.
- b. Both A and rare 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)** : An extension worker may reach a large number of people through mass-media at low cost per unit at coverage.

◦ **Reason (R)** : The mass-media enable extension worker to greatly increase their teaching intensity.

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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