

Examrace

Competitive Exams: Agriculture MCQs (Practice_Test 32 of 56)

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1. The spray is classified as aerosol when average droplet size volume median diameter is
 - a. 50
 - b. 50100
 - c. 100200
 - d. 200400

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

List-I (Equipments)	List-II (Insecticides/pesticides)
A. High volume sprayer	1. Dusts
B. Blowers	2. Wettable powder
C. Back pack sprayer	3. Liquids
D. rocker sprayer	4. Emulsions

A B C D

- a. 1 2 4 3
 - b. 2 1 3 4
 - c. 3 4 1 2
 - d. 4 3 2 1
-
3. Pneumatic sprayer have been used in pest control for many years. A pneumatic sprayer
 - a. Operates using wind or air
 - b. Contains poisonous pesticide

- c. Is a knapsack type sprayer
 - d. Operates automatically
4. Solar energy treatment of wheat seed against loose smut |was given by
- a. Jensen in 1889
 - b. Swingle in 1892
 - c. Luthr and Sattar in 1934
 - d. Freeman and Johnson in 1909
5. Which one of the following equipments can be effectively used for spraying an orchar crop?
- a. Barrel pump
 - b. Sikarpump
 - c. Foot sprayer
 - d. Hell sprayer
6. Match List I with List II and select the correct answer:

List-I (Equipment)	List-II (Mode of use)
A. rotar duster	1. Ultr low volume (CILV) formulation
B. Package duster	2. Small scale use
C. Heli sprayer	3. Feeding brush
D. Peacal pump	4. High volume (HV) spray

A B C D

- a. 2 1 4 3
 - b. 3 2 1 4
 - c. 1 3 4 2
 - d. 4 3 2 1
7. In case of rotar type of duster the air current is developed by
- a. Bellows

- b. Fans
 - c. Self propelling jacket
 - d. Self propelling blades
8. Which one of the following can be classified as hydraulic energy sprayer?
- a. Knapsack mist blower
 - b. Controlled drip applicator sprayer
 - c. Knapsack sprayer
 - d. Wheel barrow sprayer
9. The two important principles of extension education are
- a. Participation and leadership
 - b. Participation and classroom teaching
 - c. Leadership and classroom teaching
 - d. Leadership and subject-matter knowledge
10. Which one of the following categories the discipline of extension education belong?
- a. Pure science
 - b. Applied biological science
 - c. Applied behavioral science
 - d. Art
11. Which one of the following extension programmes linked far plan with credit for farmers?
- a. Integrated rural Development Programme
 - b. Community Development Programme
 - c. Intensive Agricultural Development Programme
 - d. Etawah Pilot Project
12. Puppet show in villages as a method for transfer of technology is an example of
- a. Mass media
 - b. Group media
 - c. Individualized media
 - d. Tribal media

13. ◦ **Assertion (A):** Since independence the share of agriculture in national income has been decreasing steadily.
- **Reason (R):** The percentage of population dependent on agriculture has by and large remained constant since independence.
- 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.
14. ◦ **Assertion (A):** During the green revolution both the yield per hectare and area under wheat increased sharply.
- **Reason (R):** India is following the former Soviet pattern of agricultural development.
- 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.
15. ◦ **Assertion (A):** The wage rate of agricultural laborer is not equal at all times in the year.
- **Reason (R):** The seasonality of farm work causes seasonal variation in the opportunity cost of labor.
- 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.
16. ◦ **Assertion (A):** Extension is taken as essential and major part of technology transfer.
- **Reason (R):** It is incorrect to equate 'Agricultural Extension' with the term Technology Transfer than includes the additional functions of input supply and agricultural services.
- 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.
17. ◦ **Assertion (A):** Pulses when included in intercropping with cereals act as complementary crops.
- **Reason (R):** Pulses with tap root system do not compete for nutrients and moisture with cereals having fibrous root system.
- 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):** Symbiotic nitrogen fixation occurs in the nodules of leguminous plants.
- **Reason (R):** Nitrate reductase activity occurs in nodules.
- 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):** All pests are not insects.
- **Reason (R):** There are a number of helpful and productive insects.
- 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):** A Multigrade motor oil should be mixed with petrol used as fuel to a 2-stroke engine for motorized knapsack sprayer.
- **Reason (R):** Multigrade motor oils are blended from different grades of lubricating oils and are suitable for engines subjected to great temperature variations.
- 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):** Smut disease (loose and covered smut) of wheat ar seed borne and can be effectively controlled treating the seeds with a systemic fungicide.
- **Reason (R):** Systemic fungicides used (at the recommended dose) have not adverse effect on seed germination.
- 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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