

## Examrace

# Competitive Exams: Agriculture MCQs (Practice\_Test 22 of 56)

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1. Which one of the following is an ethylene absorbent?
  - a.  $\text{KMnO}_4$
  - b.  $\text{KCl}$
  - c.  $\text{K}_2\text{SO}_4$
  - d.  $\text{Ca}(\text{NO}_3)_2$
2. With reference to the deterioration of flower after harvest, consider the following conditions:
  - a. Temperature of the surrounding atmosphere.
  - b. Gaseous composition of the atmosphere surrounding the flowers.
  - c. respiration rate of the flowers.

Which of the above are responsible for the deterioration of flower after the harvest?

- a. 1 only
  - b. 1 and 3 only
  - c. 2 and 3 only
  - d. 1, 2 and 3
3. Which one of the following does not occur in fruits and vegetables by blanching process?
    - a. Driving out the air from tissue
    - b. Getting rid of the material of microorganisms
    - c. Hardening the tissue
    - d. Inactivating the enzyme system
  4. Consider the following statements: Essential oil from chamomile is used
    - a. In pain relieving balms.
    - b. As mild sedative.

c. As flavoring agent.

Which of the statements given above is/are correct?

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

5. Oil from which one of the following plants is used as a mosquito repellent?

- a. Pandanus fascicularis
- b. Mentha arvensis
- c. Cymbopogon winterianus
- d. Apium graveolens

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

List-I (Plant)	List-II (Used to treat)
A. Isabgol	1. Stomach ulcer
B. Liquorice	2. Asthma
C. Periwinkle	3. Chronic constipation
D. Henbane	4. Leukemia

**A B C D**

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

7. Karnal bunt is a disease of:

- a. Maize
- b. Sorghum

c. rice

d. Wheat

8. Match List-with List-and select the correct answer using the code given below the lists:

List-I (Insect pest)	List-II (Symptoms)
A. Brinjal Hudda beetle	1. Necrotic brownish patches on leaves
B. Tea mosquito bug	2. Silver shoots
C. rice gall midge	3. Curling and distortion of leaf
D. Citrus leaf miner	4. Skeletonization of leaf

**A B C D**

a. 3 1 2 4

b. 3 2 1 4

c. 4 1 2 3

d. 4 2 1 3

9. The destructive Molya disease of wheat and barley in rajasthan is caused by:

a. Cyst nematode

b. Foliar nematode

c. Lesion nematode

d. Stem nematode

o. Match List-with List-and select the correct answer using the code given below the lists:

List-I (Organism)	List-II (Main character)
A. Adult insect	1. Eight legs
B. Larvae of Lepidoptera	2. Six legs
C. Spider mite	3. Eight pair of limbs

**A B C**

a. 2 3 1

b. 2 1 3

c. 1 3 2

d. 3 2 1

11. Which one of the following diseases shows gall type symptoms?

a. Maize smut

b. Wheat smut

c. Maize rust

d. Wheat rust

12. Which one of the following is the causal agent of black tip of mango?

a. Boron deficiency

b. Potassium deficiency

c. Iron toxicity

d. Damage by birds

13. Which one of the following pathogens surviving in hilly regions during the offseason and infect the main crop in plains of India?

a. Bur rust of wheat caused by *Puccinia recondite*

b. Blast caused by *Pyricularia grisea*

c. rust of bajr caused by *Puccinia penniseti*

d. rust of pea caused by *Uromyces fabae*

14. Potato leaf virus belongs to:

a. Poty virus

b. Potex viruss

c. Lute virus

d. Caulimovirus

15. Which one of the following pair is correctly matched?
- Powder mildew of wheat—Erysiphe graminis
  - Powder mildew of pea—Sclerospora graminicola
  - Downy mildew of pea—Erysiphe polygona
  - Downy mildew of maize—Perenospora pisi
16. Which one of the following does not reflect India's position in the world's agricultur in recent years?
- First in milk production
  - Second in sugar-ne production
  - Thir in the use of tractors
  - Fourth in area under irrigation
17. What is the correct sequence of the given five major fruits in descending order of their production in India?
- Mango-anana-itrus-pple Grapes
  - Mango-rapes-anana-pple Citrus
  - Banana-itrus-ango-pple Grapes
  - Banana-ango-itrus-rapes-Apple
18. Which one of the following statements is correct? As income of the far increases the Isorevenue line
- Moves towards the origin
  - Moves away from the origin
  - remains unchanged
  - Becomes parallel to x-is
19. Consider the following statements: The law of diminishing marginal returns begins to operate when the
- Total product begins to decrease.
  - First stage of production function ends
  - Marginal product starts declining.

d. Total product curve starts increasing at decreasing rate.

Which of the statements given above are correct?

a. 1 and 2

b. 2 and 3

c. 3 and 4

d. 2 and 4

10. Which one of the following statements is correct? In a classical production function where marginal product is less than average product, the average product is:

a. Decreasing

b. Increasing

c. Maximum

d. Zero

21. Consider the following statements: The characteristics of isoquants are that they:

a. Slope down towards right.

b. Are convex to the origin.

c. Intersect at a common point.

d. represent different levels of output.

Which of the statements given above are correct?

a. 1 and 2 only

b. 2, 3 and 4

c. 1, 2 and 4

d. 1, 3 and 4

22. Which one of the following investment evaluation criteria does not take into account the time value of money?

a. Pay-back period

b. Net present value

c. Discounted benefit-cost ratio

d. Internal rate of return

23. In a Cobb-Douglas production function of  $Y = 3X - 2$ , the elasticity of production is:

a. 0.02

b. 0.2

c. 2.0

d. 20

14. The rent on own land is an example of:

a. Paid fixed cost

b. Non-id variable cost

c. Paid variable cost

d. Non-id fixed cost

15. An investment is said to be economically viable if the 'Internal rate of retur (Irr)' is:

a. Equal to bank interest rate

b. Less than the opportunity cost of capital

c. Equal to opportunity cost of capital

d. Greater than the opportunity cost of capital

16. Least cost factor principle involves:

a. Substitution between factors

b. Substitution between products

c. Maximizing the use of inputs

d. Minimizing revenues

17. The phosphorus bearing organic compounds in soils mean

a. Porphyrins

b. Phytins

c. ATP

d. Proteins

Select the correct answer using the codes given below:

a. 1 and 2 only

b. 2 and 3 only

c. 1, 2 and 3

d. 1, 3 and 4

8. In terms of the order from the most easily weathered to the most resistant to weathering, which one of the following is the correct sequence of weathering of the soil in semi-id grasslands?

- a. Olivine-calcite-montmorillonite-gibbsite
- b. Olivine-gibbsite-montmorillonite-calcite
- c. Gibbsite-olivine-calcite-montmorillonite
- d. Olivine-montmorillonite-calcite-gibbsite

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

List-I	List-II
A. Dolomite	1. $Al_2O_3 \cdot 3H_2O$
B. Gibbsite	2. $CaSO_4 \cdot 2H_2O$
C. Gypsum	3. $CaCO_3 \cdot MgCO_3$
D. Goethite	4. $FeOOH$

**A B C D**

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

10. Due to a wide C: N ratio, application of bulky organic manures like paddy straw will lead to:

- a. Greater supply of available N due to quick decomposition
- b. Gaseous loss of N by increased microbial activity in the soil
- c. Immobilization of soil N
- d. More loss of N by leaching as it is not organically bound