

Examrace

Competitive Exams: Agriculture MCQs (Practice_Test 6 of 56)

Get top class preparation for Bank-PO right from your home: [fully solved questions with step-by-step explanation](#)- practice your way to success.

1. consider the following operations:
 - a. calibration of sprayer
 - b. washing of sprayer
 - c. filling of sprayer with the pesticide solution
 - d. filling up of air to obtain desired pressure.

The correct sequence of these operations to be followed before starting with a knapsack sprayer is

- a. 2, 3, 4, 1
 - b. 1, 2, 3, 4
 - c. 4, 1, 2, 3
 - d. 2, 1, 3, 4
2. Which of the following nozzles are generally considered most suitable for undertaking spraying of fungicides against plant diseases by manually operated sprayers?
 - a. Solid stream
 - b. Flat fan
 - c. Hollow cone
 - d. Solid cone

Select the correct answer using the codes given below:

- a. 1, 2 and 3
 - b. 2, 3 and 4
 - c. 3 and 4
 - d. 1 and 2
3. Which of the following manually operated sprayer can spray satisfactorily tall trees of nearly 5 meter height?
 - a. Foot sprayer

- b. Knapsack sprayer
- c. rocker sprayer
- d. Hand compression sprayer

Select the correct answer using the codes given below:

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

- 4.◦ **Assertion (A):** At ever point wherever $Mr = MC$, profit will be maximum.
- **Reason (R):** The point wher $Mr = MC$, may also life in stage I of production.
 - 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
- 5.◦ **Assertion (A):** Rice yields ar high in summer season.
- **Reason (R):** Availability of sunshine and connected thermal energy is mor during summer season.
 - 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
- 6.◦ **Assertion (A):** Cross-wing means to drill the seed in two directions usually at right angles to each other
- **Reason (R):** Cross-wing is done for taking two crops and efficient control of weeds with hand hoeing.
 - 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

7. ◦ **Assertion (A):** Integrated Plant Nutrient system (IPNS) is the maintenance or adjustment of soil fertility and plant nutrient supply to an optimum level for sustaining the desired crop productivity through optimization of the benefits from all possible source of plant nutrients in an integrated manner
- **Reason (R):** Supplementation of inorganic fertilizer with farm manure supplies all nutrients to plants constituting a viable IPNS.
- 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
8. ◦ **Assertion (A):** Rate of water absorption by plants increases with increases in relative humidity in the atmosphere.
- **Reason (R):** Rate of water uptake is influenced by water potential gradient from soil to the atmosphere.
- 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
9. ◦ **Assertion (A):** Rice is now cultivated in non-traditional areas like Punjab while wheat is a major rabi crop in west Bengal.
- **Reason (R):** Development of photoperiod insensitive and temperature insensitive crop varieties have permitted their cultivation in new areas.
- 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
10. ◦ **Assertion (A):** Changes in the base sequence DNA produce gene-mutation.
- **Reason (R):** Gene-mutation is governed by Mendel's law of inheritance.
- 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
11. ◦ **Assertion (A):** Spongy tissues is a physiological disorder of mango variety 'Alphano'
- **Reason (R):** Heat radiation at an early stage of fruit maturity causes spongy tissue disorder.
- 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
12. ◦ **Assertion (A):** The development of insect biotypes has posed a serious threat to the success of plant resistance for management of insect pests of crops.
- **Reason (R):** New biotypes can survive on and damage varieties that have genes for resistance.
- 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
13. ◦ **Assertion (A):** Trichoderma spp (T. Viride, T. Harzianum, T. Virens). are fungal biocontrol agents.
- **Reason (R):** They are known to produce monolithic host specific toxins which play an important role in the degradation of the target pathogens.
- 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):** The deficiency of iron shows up first on younger leaves of plants; then interregal chlorosis develops and progresses rapidly over the entire leaf.
- **Reason (R):** Iron is Translocated from tissues of younger leaves of the plants towards the older leaves of the plants.
- 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. The share of agricultural sector in the gross domestic product at factor cost is about
- a. 55 percent
 - b. 44 percent
 - c. 30 percent
 - d. 26 percent
16. An economy where allocation of resources is determined by the operation of price mechanism is termed as
- a. Planned economy
 - b. Mixed economy
 - c. Market economy
 - d. Traditional economy
17. Which one of the following analysis is used to determine the solution to the economic problem 'how to produce'?
- a. Factor product
 - b. Factor factor
 - c. Product product
 - d. Benefit cost
18. In the rational stage of production function the elasticity of production is
- a. Greater than one
 - b. Equal to one
 - c. Less than one but greater than zero
 - d. Equal to zero
19. A line or curve connecting the least-cost combinations of inputs for all output levels is referred to as
- a. Expansion path
 - b. Isoquant
 - c. Isocost line

d. Isoclines

20. The least-cost combination of two variable inputs x_1 and x_2 can be determined by

a. $I - x_2 / I - x_1 = P_{x1} / P_{x2}$

b. $x_2 / x_1 = y_2 / y_1$

c. $x_2 / x_1 = P_x / P_y$

d. $x_2 / x_1 = y_2 / y_1$

21. Consider the following data relating to a farm:

a. Total assets rs. 4, 400

b. Working assets rs. 800

c. Current assets rs. 1, 600

d. Current liabilities rs. 400

e. Total liabilities rs. 950

The net capital ratio on this farm would be:

a. 3.66

b. 4.63

c. 7.50

d. 11.33

22. An iso-product curve is given below: Which area of the curve AD represents irrational resource substitution?

a. BC

b. AB and CD

c. AB

d. ABCD

23. In the given diagram which one of the following segments illustrates the feasible zone in the linear programming problem?

a. rPO

b. QMN

c. OXrQM

d. XNr

14. Consider the following statements: Application of the law of diminishing returns may be delayed in case of
- a. Improvements of technology.
 - b. Improvements in the efficiency of the farmer.
 - c. residual effect of early doses of input

Which of the above statements are correct?

- a. 1 and 2
 - b. 1 and 3
 - c. 2 and 3
 - d. 1, 2 and 3
15. Consider the following statements: The marginal product curve intersects average product curve where
- a. Average product curve is at its maxima.
 - b. Marginal product curve is at its maxima.
 - c. Average product curve is at its minima.
 - d. A line originating from zero is tangential to total product curve.

Which of the above statements are correct?

- a. 1 and 2
 - b. 2 and 3
 - c. 1 and 4
 - d. 2, 3 and 4
16. When marginal product increases, total product would
- a. Increase at decreasing rate
 - b. Increase at increasing rate
 - c. Increase at constant rate
 - d. Change at negative rate

17. Consider the following statements: 'Cost-of production of a crop includes' Cost B' plus
- a. Imputed value of family labor.
 - b. Imputed rental value of own land.

- c. Cost of marketing
- d. Cost of storage.

Which of the above statements are correct?

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

8. Consider the following steps:

- a. Identification of problems in the existing far plan.
- b. Assessment of resources of the farm.
- c. Preparation of alternative far plan.
- d. Analysis of the existing far plan.

The correct sequence of these steps of farm-ning would be

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

9. Which one of the following pair of characteristics and institutional arrangement is NOT correctly matched?

- a. Individual ownership and individual operator ship of land—Better farming
- b. Individual ownership and collective operator ship of land—Co-erative joint farming
- c. Collective ownership and individual operator ship of land—Co-erative tenant farming
- d. Collective ownership and collective operator ship of land—Collective farming

10. Consider the following Paris of crops and varieties:

- a. Barley—Clipper
- b. Cotton—Pusa Pjhalguni
- c. Green Gram—Sujata

d. Red Gram—UPAS 120

Which of these pair ar NOT correctly matched?

a. 1 and 2

b. 2 and 3

c. 3 and 4

d. 1 and 4

Developed by: [Mindsprite Solutions](#)