

## Examrace

### Competitive Exams: Agriculture MCQs (Practice\_Test 5 of 56)

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1. In India the productivity of banana is highest in
  - a. West Bengal
  - b. Tamil Nadu
  - c. Kerala
  - d. Maharashtra
  
2. Which one of the following variety of mangoes is developed by clonal selection and bear fruit regularly?
  - a. Niranjan
  - b. Manjira
  - c. Dashehar 51
  - d. Arka Neelikiran
  
3. The color development in chilli is due to
  - a. Lycopine
  - b. Capasanthin
  - c. Capsaicin
  - d. I<sup>2</sup> Carptene
  
4. How much quality of true potato seed is required for one hectar planning?
  - a. 100 gram
  - b. 200 gram
  - c. 300 gram
  - d. 400 gram
  
5. Match List I with List II and select the correct answer:

List-I (Vegetable crops)	List-II (Insect pests)
A. Cauliflower	1. Thrips

B. Chilli	2. Diamond back moth
C. Okra	3. Cut worm
D. Potato	4. Shoot and fruit borer

**A B C D**

a. 2 1 3 4

b. 1 2 3 4

c. 2 1 4 3

d. 1 2 4 3

6. The Unifor Flowering In Pineapple Can Be Induced By Application Of

- 100 ppm MH
- 50 ppm GA<sub>3</sub>
- 25 ppm Ethephone + 2 % urea
- 'roopa' Pacloutrazol

7. 'roopa' is an improved variety of

- Litchi
- Walnut
- Pomegranate
- Guava

8. Consider the following cut flowers:

- rose
- Chrysanthemum
- Gerbera
- Tulip

The correct sequence of their demand in descending order in international trade is

- 1,3, 2,4
- 1,4, 3,1

c. 2,1, 4,3

d. 4,2, 3,1

9. Maximum area under metha cultivation in India is covered with

a. Spearmint

b. Japanese mint

c. Peppermint

d. Bergamot mint

10. Chamzulene, a chemical compound found in 'blue oil,' is extracted from

a. Vetiver

b. Matricaria

c. Tuberose

d. Geranium

11. The regeneration of root primordial can be stimulated through basal temperature treatment in

a. Air layering

b. Stool layering

c. Hardwood cutting

d. Leaf cutting

12. Which of the following are responsible for discoloration in canned fruit products?

a. Low temperature

b. Copper salt

c. Sugar

d. Enzymes

Select the correct answer using the codes given below:

a. 1 and 2

b. 1 and 3

c. 2 and 4

d. 3 and 4

13. The optimal storage temperature for prolonging the shelf life of cut roses is

a. 25° C to 30° C

- b. 12° C to 15° C
- c. 2° C to 5° C
- d. 0°

14. consider the following steps:

- a. Peeling
- b. Grading
- c. roasting
- d. Packing
- e. Shelling

The correct sequence of these steps cashew processing is

- a. 3, 2,1, 5,4
- b. 5, 2,1, 3,4
- c. 1, 5,3, 2,4
- d. 3, 5,1, 2,4

15. Which one of the following is the permanent method of preservation of fruits and vegetables?

- a. Pasteurization
- b. Banching
- c. Canning and bottling
- d. Exclusion of moisture

16. Epiricania melanoleuca is a parasitoid effective against

- a. Sugarcane scale
- b. rice mealy bug
- c. Sugarcane Pyrilla
- d. rice leaf hopper

17. Which one of the following types of resistance is present in a crop variety showing high degree of resistance to a pathogen but becoming susceptible to it after large scale cultivation for 4 to 5 years or so?

- a. Horizontal resistance
- b. Durable resistance

- c. General resistance
- d. Vertical resistance

18. consider the following Practices:

- a. Selection of resistance varieties.
- b. Spraying of suitable fungicide and antibiotic.
- c. Suspension of to dressing of n fertilizer after infection of crop.
- d. Draining excess water from field after infection

The correct sequence of adoption of these practices for the integrated management of bacterial blight of paddy is:

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

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

List-I (Colour)	List-II (Toxicity)
A. red	1. Moderately toxic
B. Blue	2. Highly toxic
C. Yellow	3. Extremely toxic
D. Green	4. Less toxic

**A B C D**

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

20. Which one of the following sequences is being used in a combination seed treatment?

- a. rhizobium. Fungicide and insecticide

- b. rhizobium. Insecticide and fungicide
- c. Fungicide, insecticide and rhizobium
- d. Insecticide, rhizobium and fungicide

21. Consider the following statements associated with neem (*Azadirachta indica*) :

- a. The repellent and anti-edant effects of neem have been reported against a wide range of insect pests.
- b. The neem is a microbial insecticide and can be applied with conventional spray equipment.
- c. All parts of neem tree posses insecticidal activity but seed kernel is the most active.

Which of the above statements are correct?

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

22. Insect population density responds to pesticide treatment the graphs given below showing the effect of pesticide treatment on the pest number with time: The backlashes of the pesticides are:

- a. Secondar outbreak
- b. resistance
- c. resurgence

Match the graphs with the backlashes and select the correct answer using the code given below:

A B C

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

23. consider the following Koch's postulates:

- a. The organism found associated with the diseases has to be isolated in pure culture.
- b. The organism must produce disease in a healthy susceptible host.
- c. The organism must be identified.

- d. The organism must be resolated from the experimental host again in pure cultur and its identity established
- e. A specific organism must always be associated with disease.

The correct sequence of these postulates is

- a. 1, 4,3, 2,5
- b. 1, 3,2, 5,4
- c. 5, 1,2, 4,3
- d. 5, 1,3, 2,4
24. Which one of the following disease is the classical example of synergism among plant viruses?
- a. Super mild mosaic of potato
- b. Leaf roll of potato
- c. rugose mosaic of potato
- d. Mild mosaic of potato
25. consider the following citrus diseases
- a. Exocortis
- b. Stubborn
- c. Tristeza

And the causal agents viroid, virus and

Spir plasma.

The arrangement of these of these diseases according to the given sequence of the causal agents is

- a. 1,3, 2
- b. 1,2, 3
- c. 3,1, 2
- d. 2,3, 1
26. Match List I with List II and select the correct answer:

List-I (Diseases)	List-II (Causal organism)
A. White blister of crucifers	1. Sclerospor graminicola
B. Green ear diseases of pear millet	2. Albugo candida

C. Powder mildew of pea	3. Claviceps purpurea
D. Ergot of cereals	4. Erysiphe polygoni

**A B C D**

a. 2 3 1 4

b. 1 3 4 2

c. 2 1 4 3

d. 4 1 2 3

27. Which one of the following is the characteristic of stripe rust of wheat?
- Brown, elongated ruptured pustules on stem and leaf sheath
  - Yellow, small, spherical--er ruptured uredo-stules in rows of leaf
  - Brown, spherical--al, ruptured uredo-stules on leaf
  - Black teliopustules, scattered on under surface of the leaf.
28. Which one of the following causal agents of plant diseases is smallest in size?
- Virus
  - Mycoplasma
  - Viroid
  - Spiroplasma
29. Which one of the following viral diseases is recently in traduced in India from a neighboring country?
- Papaya leaf curl
  - Cottol leaf curl
  - Chilli leaf curl
  - Tomato leaf curl
30. What is the amount of liquid insecticide with 50 % active ingredient required for preparing 500 liter of the spray mixtur of 0.25 % strength?
- 0.75 l
  - 1.25 l



c. 2.5 l

d. 5.0 l

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