

## Examrace

### Competitive Exams: Agriculture MCQs (Practice\_Test 33 of 56)

Glide to success with Doorsteptutor material for competitive exams : [get questions, notes, tests, video lectures and more](#)- for all subjects of your exam.

1. The volume in litres of one cumec flow of water in one hour is
  - a.  $2.6 \times 10^6$
  - b.  $3.6 \times 10^6$
  - c.  $4.6 \times 10^6$
  - d.  $5.6 \times 10^6$
2. A farmer is to select suitable crops for a drought-prone unirrigated area. Which one of the following groups of crops should be choose for mixed cropping?
  - a. Sesame, maize, oats
  - b. Sorghum, wheat
  - c. Sesame, sorghum/pear millet, niger
  - d. Maize, upland rice, berseem
3. Which one of the following can be mixed crop with wheat?
  - a. Cabbage
  - b. Cotton
  - c. Jowar
  - d. Mustard
4. Consider the following statements: Relay cropping implies
  - a. Sowing of the second crop when the first crop has attained maturity and is nearing harvest.
  - b. A situation wher two or mor crops occupy a habitat with spatial annidation.
  - c. Overlapping of a par of the life space, of the two crops without any competition.Of these above statements
  - a. 1,2 and 3 are correct
  - b. 1 and 2 are correct

c. 2 and 3 are correct

d. 1 and 3 are correct

5. Imperata cylindrical is associated with

a. Sugar beet

b. Tea

c. Lentil

d. Cereals

6. Match List I (crops) with List II (weedicides) and select the correct answer:

List-I	List-II
A. Wheat	1. Simazine
B. Sugarcane	2. Isoproturon
C. Chickpea	3. Thiobencarb
D. rice-ddy	4. Fluchloralin

**A B C D**

a. 1 2 4 3

b. 2 1 4 3

c. 1 2 3 4

d. 2 1 3 4

7. According to the modern concepts, the major function of inter-cult tillage is

a. Moisture conservation through soil mulching

b. Improved soil aeration

c. Improved soil granulation

d. Moisture conservation through weed destruction

8. "ratooning" is practised as a matter of routine in

a. Sugar beet and sugarcane

b. sugarcane and maize

- c. Sugarcane arid Napier grass
  - d. Sugarcane only
9. DAPOG method of crop raising is associated with
- a. Intercultur operation
  - b. Nurser raising
  - c. Seed-d preparation
  - d. Intercultivation
10. When adequate irrigation water is available, four to six irrigations are applied to the wheat crop. At which one of the following stages of growth is the first irrigation recommended?
- a. Crown-ot initiation stage
  - b. Tillering stage
  - c. Critical stage of growth
  - d. Flowering stage
11. When adequate irrigation water is available, four to six irrigations are applied to the wheat crop. At which one of the following stages of growth is the first irrigation recommended?
- a. Crown-ot initiation stage
  - b. Tillering stage
  - c. Critical stage of growth
  - d. Flowering stage
12. Spreading varieties of groundnut are preferred in areas receiving late rains in the kharif season, because
- a. They are of longer duration
  - b. Their water requirements are high
  - c. Their seed is dormant
  - d. Their seed is bold
13. Which one of the following parts of the tobacco plant synthesizes nicotine
- a. root
  - b. Stem
  - c. Branch

d. Leaf

14. In the wet season, the initiation of panicle primordia in rice variety of 120 (Days) duration takes place in
- 60 to 65 days after sowing
  - 65 to 70 days after sowing
  - 70 to 75 days after sowing
  - 75 to 80 days after sowing

15. Match List I (fertilizer) with List II (equivalent acidity) and select the correct answer:

List-I	List-II
A. Urea	1. Acidity 148
B. Ammonium sulphate	2. Acidity 128
C. Ammonium chloride	3. Acidity 110
D. Anhydrous ammonia	4. Acidity 84
	5. Acidity 64

**A B C D**

- 5 2 3 4
- 4 3 2 1
- 2 5 4 3
- 4 1 2 3

16. Consider the following States/UT:

- Pondicherry
- Punjab
- Andhr Pradesh
- Haryana

As per the 1991-data, the correct sequence of the decreasing order in respect of the consumption of (N + P<sub>2</sub>O<sub>5</sub> + K<sub>2</sub>O) fertilizer nutrients in kg/ha/year is

- 1,2, 4,3

b. 2,1, 3,4

c. 1,2, 3,4

d. 2,1, 4,3

17. Which one of the following oil-seeds, in addition to its manorial value, acts also as a nitrification inhibitor?

a. Mustard

b. Groundnut

c. Neem

d. Sesamum (til)

18. Which one of the following organic manures has the narrowest C/N ratio?

a. Biogas slurry

b. Farmyard manure

c. Compost

d. Groundnut cake

19. Biofertilizer is a

a. Mixture of organic manure and micro organism

b. Mixture of inorganic fertilizer and micro organisms

c. Culture having the desired strain of micro organisms

d. Decomposed compost enriched with mineral solubilising bacteria

20. Sugar-digested compost is called so because

a. It is prepared by allowing it to decompose beyond the normal process of decomposition

b. It contains plant nutrients more than that present in ordinary compost

c. Super phosphate is added to the compost during its preparation

d. Its P<sub>2</sub>O<sub>5</sub> content is more than that present in the ordinary compost

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

List-I (Name of fertilizer)	List-II (Type of fertilizer)
A. Ammonium sulphate	1. Biofertilizer
B. Diammonium phosphate	2. Straight fertilizer
C. Algae	3. Organic manure

D. FYM

4. Complex fertilizer

**A B C D**

a. 2 4 3 1

b. 3 2 4 1

c. 2 4 1 3

d. 4 2 3 1

22. Bray suggested certain modification in the Mitscherlich equation. The modified equation is written as

a.  $Dy/dx = (A-C)$ b.  $A = B(1-1/y)$ c.  $\text{Log}(A) = \log A$ d.  $\text{Log}(A) = \log A-b$ 

23. Match List I (Micronutrients) with List II (typical deficiency symptoms) and select the correct answer:

List-I	List-II
A. Manganese	1. Speckled yellow of sugar beet
B. Molybdenum	2. White bud of maize
C. Zinc	3. Whiptail in cauliflower
D. Copper	4. reclamation disease of cereals

**A B C D**

---

a. 1 2 3 4

b. 1 3 2 4

c. 2 4 3 1

d. 2 3 4 1

24. Which one of the following minerals is the main source of boron in soils?

a. Pyrolusite

b. Tourmaline

c. Haematite

d. Hemimorphite

25. Criteria of essentiality of nutrients for plants were given by

a. Arnon

b. Stout

c. Russel

d. Liebig

26. The mineral chlorite has an extra layer of

a. Montmorillonite

b. Illite

c. Gibbsite

d. Brucite

27. The concentration of  $H^+$  and  $OH^-$  in the pH of a 0.1 N HCl solution is  $H^+$  +  $OH^-$  pH

a.  $10^{-2}$  g ion/l  $10^{-12}$  g ion/l

b.  $10^{-1}$  g ion/l  $10^{-13}$  g ion/l

c.  $10^{-1}$  g ion/l  $10^{-1}$  g ion/l

d.  $10^{-2}$  g ion/l  $10^{-13}$  g ion/l

28. Apatite is a group of minerals which mainly contains

a. Sulphur

b. Phosphorus

c. Nitrogen

d. Titanium

29. Chlorite belongs to the

a. 2: 2 type

b. 1: 1 type

c. 2: 1 type

d. amorphous type

30. Which of the following pair are correctly matched?

a. Humus 褰Ligno-protein complex

b. Humin 褰Insoluble in dilute alkali

c. Fulvic acid 褰High molecular weight

d. Humic acid 褰Insoluble in dilute acid

Select the correct answer using the codes given below:

a. 2,3 and 4

b. 1,2 and 3

c. 1,2 and 4

d. 1,3 and 4