

1. Percentage of protein in fish is:

- A. Less than 30
- B. 30 - 35
- C. 35 - 40
- D. Above 40

2. (A x B) x C is:

- A. Single cross
- B. Double cross
- C. Three way cross
- D. Top cross

3. _____ is gram-positive:

- A. Xanthomonas
- B. Corynebacterium
- C. Pseudomonas
- D. Erwinia

4. _____ convert nitrite (NO₂) compounds into nitrates (NO₃):

- A. Nitrobacter
- B. Nitrosomonas
- C. Rhizobium
- D. Azotobacter

5. _____ converts ammonia into nitrite:

- A. Nitrobacter
- B. Nitrosomonas
- C. Rhizobium
- D. Azotobacter

6. _____ the physical methods used for controlling nematodes:

- A. Heat
- B. Radiation
- C. Osmotic pressure
- D. All of the above

7. Alley cropping' means:

- A. Growing of pastures in between two widely spaced rows of fast growing trees
- B. Growing of field crops in between two widely spaced rows of fast growing trees
- C. Growing of only short duration crops in between two widely spaced rows of fast growing trees
- D. Growing of only fodder crops in between two widely spaced rows of first growing trees

8. Which one of the following statement is correct?

- A. Blue green algae fix 20-30 kg N/ha in a rice field
- B. Blue green algae fix 40-50 kg N/ha in a rice field
- C. Blue green algae fix 8-10 kg N/ha in a rice field
- D. Blue green algae fix 60-70 kg N/ha in a rice field

9. Ascent of cell sap' from root to the treetop is exercised by:

- A. Phloem
- B. Xylem
- C. Cambium cell
- D. Lenticles

10. Which one of the following seed rate (kg/ha) is not correctly matched with crop?

- A. Wheat = 100
- B. Urd = 20
- C. Maize = 18
- D. Mustard = 20

11. Application of gypsum is required more for:

- A. Paddy
- B. Berseem
- C. Lucerne
- D. Groundnut

12. Application of potash increases:

- A. Disease resistance in plants
- B. Resistance for water logging
- C. Frost resistance in plants
- D. None of the above

13. Approximately what percent of all light absorbed by a leaf is lost as heat?

- A. 50 to 60
- B. 60 to 70
- C. 80 to 85
- D. 90 to 95

14. Arachis hyposea L. is the botanical name of:

- A. Soyabean
- B. Rapeseed
- C. Groundnut
- D. Sugarbeet

15. Which one of the following is dioecious plant?

- A. Peach
 - B. Pomegranate
-

C. Pea D. Pointed gourd

16. Which one of the following is complex fertilizer?

A. DAP B. CAN
C. SSP D. MOP

17. Which one of the following is an Audio-Visual Aid?

A. Flannel Graph B. Photograph
C. Transparent slide D. Motion picture

18. Arrowing is known as:

A. Tillering of sugarcane B. Emergence of inflorescence in sugarcane
C. Arrow like shape of sugarcane leaf D. None of the above

19. Artificial application of water to the soil for the purpose of crop production is called:

A. Drip irrigation B. Flow irrigation
C. Irrigation D. None of the above

20. As an examples of a synthetic culture medium may be cited:

A. Potato Dextrose Agar B. Malt Agar
C. Heart Infusion Broth D. Rachard Agar

21. Cooperative society is basic institution for:

A. Political growth of the villagers B. Social growth of the villagers
C. Cultrual growth of the villagers D. Socio-economic growth of the villagers

22. Coordination is:

A. Subordination B. Disordination
C. Integration D. Between near equals

23. Corpora allata is associated with:

A. Nervous system B. Circulatory system
C. Digestive system D. Excretory system

24. Covered floor space for each cow should be:

A. 10 - 15 Sq. gt. B. 16 - 19 Sq. ft.
C. 20 - 30 Sq. ft. D. 31 - 35 Sq. ft.

25. Crop, which can be propagated by vegetative parts:

A. Pineapple B. Coconut
C. Papaya D. Phalsa

26. Cucurbits in early stage are mainly damaged by:

A. Aphids B. Jassids
C. Borers D. Red pumpkin beetle

27. Which one of the following fruits is a rich source of iron?

A. Mango B. Date-palm
C. Apple D. Karonda

28. Cultivation of the apical meristems, particularly of shoot apical meristem, is known as:

A. Embryo culture B. Meristem culture
C. Pollen culture D. Tissue culture

29. Which one of the following fruit is monocot in nature?

A. Mango B. Pineapple
C. Litchi D. Papaya

30. Cut worm is a pest of:

A. Gram B. Potato
C. Wheat D. Maize

31. Genetic basis of evolution is:

A. Availability of genetic variability B. Selection from diversity

C.Isolation

D.All of the above

32. Genetically the purest seed is:

A.Breeder's seed

B.Foundation seed

C.Certified seed

D.Nucleus seed

33. Genotypes of zygotes of cross-pollinated cross are:

A.Homozygous

B.Heterozygous

C.Homogenous

D.Hetrogenous

34. Goal of Extension education is:

A.To promote income of the farmers

B.To promote production of the crops

C.To promote new crops

D.To promote scientific outlook

35. Goat consumes _____ feed in proportion to its body weight:

A.Equal

B.More

C.Less

D.Any amount of

36. Grapes are good example of:

A.Tree

B.Shrub

C.Vine

D.Herb

37. Groundnut is a:

A.Fruit

B.Modified stem

C.Modified leaf

D.Storage root

38. Growing agricultural crops with trees grown in and around wet land with other bodies of water in which fish etc., can be grown, the combination is called:

A.Aqua-forestry

B.Agro-silvi-aquaculture

C.Silvi-agriculture

D.Aqua-silviculture

39. Wind break are planted in orchards towards:

A.South-West

B.West-North

C.North-East

D.East-South

40. Growing of honey producing trees with bee keeping is called:

A.Sericulture

B.Silviculture

C.Apiculture

D.Aqua-silviculture

41. Isolation distance for the production of double cross seed in maize should be at least:

A.100 to 200 m

B.200 to 300 m

C.300 to 400 m

D.400 to 500 m

42. Isoproturon is a:

A.Fungicide

B.Insecticide

C.Nematicide

D.Herbicide

43. It occurs in presence of the sublight due to deficiency of Fe, Zn and B or due to influence of low temperature that is called:

A.Etiolation

B.Gummosis

C.Bleeding

D.Chlorosis

44. Which of the following microorganism is associated with ammonification?

A.Rhizobium leguminosarum

B.Bacillus mycoides

C.Clostridium

D.Nitrosomonas

45. Jam can be prepared from:

A.Any fruti having pulp

B.Fruit, which contain pectin

C.Citrus fruit only

D.All of the above

46. Jassid of cotton can be controlled by:

A.DDT

B.Aldrex

C.BHC

D.All of them

47. Jelly can be prepared from:

- A.Citrus fruits only
- C.Subtropical fruits only

- B.Fruits, which contain pectin
- D.Any fruit having pulp

48. Jelly is:

- A.Non-transparent
- C.Transparent

- B.Semi transparent
- D.None of the above

49. What is White Yorkshire?

- A.A breed of swine
- C.A diseases of cattle

- B.A breed of buffaloes
- D.A breed of sheep

50. What is the seat of milk synthesis in the body of a cow?

- A.Milk veins
- C.Escutcheon

- B.Milk well
- D.Alveolus of the mammary gland

ANSWER KEY

1(A)	2(C)	3(B)	4(A)	5(B)	6(D)	7(B)	8(A)	9(B)	10(D)
11(D)	12(A)	13(D)	14(C)	15(D)	16(A)	17(D)	18(B)	19(C)	20(D)
21(D)	22(C)	23(A)	24(C)	25(A)	26(D)	27(D)	28(B)	29(B)	30(A)
31(D)	32(D)	33(B)	34(D)	35(B)	36(C)	37(A)	38(B)	39(B)	40(C)
41(B)	42(D)	43(D)	44(B)	45(A)	46(B)	47(B)	48(C)	49(A)	50(D)