1. The scientific study of soil is -
   A. Pedology  B. Earth Study  C. Soil Science  D. Soil Chemistry
   Answer: A

2. Which of the following is not a nitrogenous fertilizer?
   A. Urea  B. Ammonium sulphate  C. Super phosphate  D. Ammonium nitrate
   Answer: C

3. HD 2967 is the new high yielding variety of -
   A. Rice  B. Maize  C. Wheat  D. Mustered
   Answer: C

4. Prabhat is an early short duration variety of -
   A. Rice  B. Maize  C. Wheat  D. Red gram
   Answer: D

5. The Minimum Support Price for Foodgrains was introduced in the year -
   Answer: D

6. Soil factors are otherwise known as -
   A. Biotic factors  B. Edaphic factors  C. Climatic factors  D. Physiographic factors
7. Which of the following is a commercial crop?
A. Bajra
B. Jowar
C. Paddy
D. Cotton

Answer: D

8. Triticum aestivum, the common bread wheat is -
A. Diploid
B. Haploid
C. Hexaploid
D. Tetraploid

Answer: C

9. Monoculture is a typical characteristic of -
A. Shifting cultivation
B. Subsistence farming
C. Specialized horticulture
D. Commercial grain farming

Answer: D

10. Which crop requires water-logging for its cultivation?
A. Tea
B. Rice
C. Coffee
D. Mustard

Answer: B

11. Agronomy is a branch of Agriculture that deals with -
A. Breeding of crop plants
B. Principles of field management
C. Principles and practice of crop production
D. Protection of crops from Diseases and Pests

Answer: C
12. Soils of Western Rajasthan have a high content of
A. Calcium  B. Nitrogen  C. Aluminium  D. Phosphorus
Answer: A

13. The Black rust of disease of wheat is caused by-
A. Puccinia graminis  B. Puccinia recondita  C. Xanthomonas graminis  D. None of these
Answer: A

14. A crop grown in zaid season is
A. Jute  B. Maize  C. Soyabean  D. Water melon
Answer: D

15. The adoption of High Yielding Variety Programme in Indian Agriculture started in -
Answer: B

16. Which of the following is a food crop?
A. Jute  B. Palm  C. Maize  D. Cotton
Answer: C

17. Which of the following is an oilseed?
A. Clove  B. Garlic  C. Mustard  D. Cardamom
18. Which one of the following makes a case for intensive, modern farming?
A. Cropping pattern
B. Remunerative price
C. Higher output using organic method
D. None of these

Answer: A

19. Which of the following is not an agricultural product?
A. Jute
B. Rice
C. Cotton
D. Alum

Answer: D

20. Crop rotation helps to
A. eliminate parasites which have selective hosts
B. produce a greater choice of plant products
C. lessen use of pesticides
D. yield more crops

Answer: A

21. Potassium chloride contains K -
A. 50%
B. 60%
C. 70%
D. 80%

Answer: B

22. Plant micronutrient is -
A. Boron
B. Carbon
C. Sulphur
D. Magnesium

Answer: A

23. Which two crops of the following are responsible for almost 75% of pulse production in India?
A. Pigeon pea and moong bean  
B. Gram and moong bean  
C. Moong bean and lentil  
D. Gram and pigeon pea  

Answer: D

24. Fire curing is followed in -  
A. Bidi tobacco  
B. Hookah tobacco  
C. Cheroot tobacco  
D. Chewing type tobacco  

Answer: D

25. Groundnut pegs when developed in the soil from -  
A. Fruits  
B. Roots  
C. Stems  
D. Tubers  

Answer: A

26. In Jute growing areas the usual alternate crop is -  
A. Rice  
B. Wheat  
C. Cotton  
D. Sugarcane  

Answer: A

27. Neelum is a variety of -  
A. Grape  
B. Apple  
C. Papaya  
D. Mango  

Answer: D

28. The Commission of Agricultural Costs and Prices fixes the -  
A. Retail price  
B. Support price  
C. Wholesale price  
D. None of these  

Answer: B
29. Vector of phyllody disease is -
A. Mite  
B. Jassid  
C. Thrips  
D. White fly
Answer: C

30. Gynodioecious varieties of papaya produce -
A. Only male plants  
B. Only female plants  
C. Female and hermaphrodite  
D. Male and hermaphrodite plants
Answer: B

31. Isolation distance for foundation seed of rice is -
A. 3 metre  
B. 13 metre  
C. 23 metre  
D. 33 metre
Answer: A

32. Botanically pineapple is a -
A. Berry  
B. Pome  
C. Sorosis  
D. Baluster
Answer: C

33. The basic unit of development under the Integrated Rural Development Programme is a -
A. Village  
B. Family  
C. District  
D. Community Development Block
Answer: A

34. Ratna is a variety of -
A. Rice  
B. Maize  
C. Barley  
D. Wheat
35. Greening of potato results in -
A. Increase in disease resistance   B. Increase in nutritional quality
C. Decrease in nutritional quality   D. Decrease in disease resistance
Answer: B

36. Sugarbeet Nematode is -
A. Heterodera jae   B. Heterodera cajani
C. Heterodera schacti   D. Heterodera avanae
Answer: C

37. In medium term storage, material can be stored up to -
A. 3 to 5 years   B. 10 to 15 years
C. 100 years   D. None of these
Answer: A

38. Which is the saturated fatty acid of the following -
A. Oleic acid   B. Stearic acid
C. Linoleic acid   D. Arachidonic acid
Answer: B

39. Iron is an important component of -
A. Siroheme   B. Ferredoxin
C. Cytochromes   D. All of these
Answer: D
40. The chemical, which is used for controlling the mites, is known as -
A. Acaricides  
B. Fungicides  
C. Insecticides  
D. Mematicides  
Answer: D

41. WP abbreviates as -
A. Water Paste  
B. Wettable Paste  
C. Wettable Powder  
D. None of these  
Answer: C

42. Which of the following elements is not essential element of plants but proves to be beneficial for some plants?
A. Boron  
B. Iodine  
C. Sodium  
D. Copper  
Answer: C

43. The pyrite is mostly found in -
A. Bihar  
B. Rajasthan  
C. Maharashtra  
D. Andhra Pradesh  
Answer: C

44. Parthenocarpy occurs in -
A. Peach  
B. Mango  
C. Banana  
D. Jackfruit  
Answer: D

45. Water use efficiency is the highest is case of -
A. Drip irrigation  
B. Flood irrigation  
C. Border irrigation  
D. Sprinkler irrigation  

46. Atmosphere is essential for -
A. Winds
B. Cloud formation
C. Weather phenomena
D. All of these

Answer: C

47. Which one of the following plants belongs to family Anacardiaceae?
A. Cashewnut
B. Papaya
C. Orange
D. None of these

Answer: A

48. In India post-harvest losses of fruit and vegetable is... per cent of the total production.
A. 15-20
B. 25-30
C. 35-40
D. 45-50

Answer: B

49. The animals produced by mating of two different breeds of the same species is known as -
A. Pure breed
B. Exotic breed
C. Cross breed
D. Mixed breed

Answer: C

50. Recording of milk production in dairy farm is done mainly for -
A. Quick selling of milk
B. Ensuring quality of milk
C. Selection of good producer
D. Increase in production of milk

Answer: C
51. The average gestation period in buffalo is of how many days?
A. 210  B. 310
C. 345  D. 400
Answer: B

52. Citrus tristeza virus is transmitted through -
A. Plant hopper  B. Nematode
C. Aphid  D. Thrips
Answer: A

53. Which one of the pathogens is monocylic?
A. Puccinia  B. Ustilago
C. Alternaria  D. Phytophthora
Answer: B

54. Caenocytic mycellium is found in -
A. Ascomycotina  B. Deuteromycotina
C. Mastigomycotina  D. None of these
Answer: A

55. Penicillin acts on-
A. RNA  B. Cell wall
C. Cell membrane  D. None of these
Answer: B

56. Blue colour tag is issued for -
A. Certified seed  B. Nucleus seed
C. Foundation seed  D. None of these
57. Each anther has how many pollen sacs?
A. One  
B. Two  
C. Three  
D. Four  
Answer: B

58. Rice and wheat has how many stamens?
A. 3,3  
B. 3,6  
C. 6,3  
D. 6,6  
Answer: A

59. The chemical, which attracts opposite sex insects of a species, is known as -
A. Pheromones  
B. Kairomones  
C. Allomones  
D. Hormones  
Answer: A

60. Damaging stage of potato tuber moth is -
A. Larva  
B. Adult  
C. Pupa  
D. All of these  
Answer: A

61. Piercing and sucking type mouth-parts are present in the insect -
A. Isoptera  
B. Hemiptera  
C. Orthoptera  
D. Lepidoptera  
Answer: B
62. Classification of insects and rules of their nomenclature comes under the branch -
A. Ecology  B. Taxonomy  C. Physiology  D. Morphology
Answer: B

63. Beetles belong to order-
A. Diptera  B. Isoptera  C. Coleoptera  D. Lepidoptera
Answer: C

64. Bacteriophage virus is the-
A. Algal virus  B. Fungal Virus  C. Bacterial virus  D. Protozoal virus
Answer: C

65. Micro-organism, which can grow at higher temperature, is called
A. Mesophils  B. Phycrophils  C. Thermophils  D. None of these
Answer: C

66. Who has first time seen the micro-organism?
A. Louis Pasteur  B. Robert Koch  C. John Tyndall  D. Antonie van Leeuwenhoek
Answer: A

67. White colour of soil is due to the presence of -
A. Manganese oxide  B. Silica  C. Iron  D. All of these
68. Which of the 'complex fertilizer'?
A. Single superphosphate  
B. Ammonium phosphate  
C. Calcium ammonium nitrate  
D. Ammonium sulphate nitrate  

Answer: B

69. Drip irrigation is useful in which region?
A. Dry  
B. Humid  
C. High rainfall  
D. None of these  

Answer: A

70. Among the following crop rotations, which is good for increasing soil nutrient status?
A. Rice-Wheat  
B. Sorghum-Wheat  
C. Pearl millet-Wheat  
D. Groundnut-Wheat  

Answer: D

71. For waterlogged rice cultivation, the fertilizer that may be avoided is -
A. Urea  
B. Sodium nitrate  
C. Ammonium chloride  
D. None of these  

Answer: D

72. The ratio between marketable crop yield and water used in evapotranspiration is known as-
A. Water use efficiency  
B. Field water use efficiency  
C. Consumptive use efficiency  
D. Economic irrigation efficiency  

Answer: B
73. Sulphur, containing amino acid is -  
A. Valine  
B. Cystine  
C. Isolucine  
D. None of these  
Answer: B

74. Glycolysis occurs only in the-  
A. Presence of Oxygen  
B. Absence of Oxygen  
C. Both (a) and (b)  
D. None of these  
Answer: B

75. Photorespiration is inhibited by -  
A. CMU and DCMU  
B. 2, 4-Dinitrophenol  
C. α-hydroxy sulphonates  
D. None of these  
Answer: A

76. Biofertilizers are -  
A. Culture of micro-organism  
B. Organic manures  
C. Green manure  
D. None of these  
Answer: A

77. 'Chanchal' is a variety of -  
A. Chilli  
B. Brinjal  
C. Tomato  
D. Capcicum  
Answer: A

78. Central Soil Salinity Research Institute is located at -  
A. Bihar  
B. Karnal  
C. Jodhpur  
D. Dehradun  
Answer: C
79. Seed plant technique is followed in -
A. Bajra  B. Wheat  
C. Paddy  D. Potato  
Answer: C

80. For providing inputs like quality seeds, fertilizers and pesticides, the agency present at the Village Panchayat Samiti Level is -
A. NABARD  B. Nationalised Banks  
C. Cooperative Society  D. Insurance Companies  
Answer: A

81. Where do the female mango leaf hoppers lay their eggs?
A. Inside the mid-rib of leaves  B. On the dorsal surface of leaves  
C. On the ventral surface of leaves  D. Inside the tissue of leaf margin  
Answer: C

82. In H.T.S.T. pasteurization, which one of the following organisms is chosen as index organism for killing?
A. S.lactis  B. B.subtilis  
C. M.tuberculosis  D. S.thermophilus  
Answer: D

83. Thermophilic micro-organism grow well at temperature-
A. 5°C - 7°C  B. 10°C - 20°C  
C. 20°C - 40°C  D. 50°C - 60°C  
Answer: D
84. Pink bollworm is a pest of -
   A. Okra        B. Gram
   C. Cotton      D. Mustard

Answer: C

85. The cropping intensity of maize-potato-tobacco is -
   A. 100%        B. 200%
   C. 300%        D. 400%

Answer: C

86. National Sugar Institute (N.S.I.) is located at -
   A. Kanpur      B. Varanasi
   C. Lucknow     D. New Delhi

Answer: A

87. Khaira disease of rice can be controlled by spraying -
   A. Borax       B. Zinc sulphate
   C. Copper sulphate D. Calcium sulphate

Answer: B

88. Which one of the following can be suitable for cropping as a wheat mixed crop?
   A. Jowar       B. Cotton
   C. Mustard     D. Cabbage

Answer: C

89. The optimum cardinal temperature point for germination of rice seeds is -
   A. 18°C - 20°C   B. 20°C - 25°C
   C. 30°C - 32°C   D. 37°C - 39°C

Answer: A
90. What culture should be given priority in groundnut cultivation?
A. Rhizobium  
B. Mycorrhiza  
C. Azospirillum  
D. Phosphobacteria

Answer: D

91. Prabhat is an early short duration variety of -
A. Gram  
B. Red gram  
C. Black gram  
D. Green gram

Answer: B

92. In maize plants -
A. Silk appear first  
B. Tassels appear first  
C. Both of these appear at same time  
D. None of these

Answer: B

93. Blind hoeing is recommended for -
A. Maize  
B. Wheat  
C. Sugarcane  
D. Groundnut

Answer: C

94. Kisan Mitra is an employee of -
A. State Govt.  
B. Corporation  
C. Central Govt.  
D. None of these

Answer: A
95. Red Delicious is a variety of -  
   A. Apple  
   B. Guava  
   C. Mango  
   D. Papaya  
   Answer: A

96. The number of essential mineral elements of plant is -  
   A. 12  
   B. 16  
   C. 20  
   D. 22  
   Answer: B

97. Sulphur-coated Urea contains N -  
   A. 3%  
   B. 13%  
   C. 33%  
   D. 60%  
   Answer: C

98. Granite is a .... rock.  
   A. Igneous  
   B. Sedimentary  
   C. Metamorphic  
   D. None of these  
   Answer: B

99. Soil fertility is reduced due to -  
   A. Poor drainage  
   B. Over irrigation  
   C. Continuous cropping  
   D. Imbalanced use of fertilizers  
   Answer: D

100. Anemometer measures -  
   A. Net radiation  
   B. Wind velocity  
   C. Wind direction  
   D. Relative humidity
Answer: B