

Roll No. ....

Paper ID: GOF001

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Course Code: GC-OF-01T

**Examination (January- 2024)**  
**Certificate/ Diploma (Semester-I)**  
**Programme in Organic Farming**  
**Organic Farming - I**

**Time Allowed: 2 Hours**

**Max.Marks: 70**

**Instructions for the Students**

1. The question paper shall consist of 70 Multiple Choice questions.
2. All questions are compulsory. Each question carries 1 mark.
3. There will be no negative marking.

Q1. The hand book of organic farming is written by a) A.K. Singh b) Arun K. Sharma c) T. Tripathi d) T.V Sathi	Q2. The watch word of organic farming is a) feed to animal b) feed to plant c) feed to soil d) feed to human
Q3. _____ crop is used as green manure. a) Coriander b) Sunhemp c) Maize d) Fenugreek	Q4. In which year National Program for organic production was started in India a)2000 b)1990 c)1995 d)2005
Q5. What is the requirement of organic farming. a) Economical use of resources b) No use of resources c) Sustainable use of resources d) All of the above	Q6. Which is not a component of organic farming. a) Non chemical weed control measures b) Biological pest management c) FYM d) Synthetic pesticide
Q7. Which country occupies higher area under OF. a)India b)Australia c)USA d)Japan	Q8. In India which state has maximum area under OF a) MP b)UP c)RJ d)HR
Q9. Who gave the term organic farming a) MS Swami Nathan b) NE bBorloug c) Lord Northbourne d) F.H. Howard	Q10. Who is the father of Organic farming in India. a) MS Swaminathan b) Subash palekar c) Rajat seth d) G.S. khush
Q11. India represents only _____ % of area under	Q12. In India 100% organic state is

**Comment [a1]:** The handbook of organic farming is written by

organic farming out of cultivated area. a) 1 b) 0.09 c)0.07 d)0.03	a) Gujrat b) Punjab c) Sikkim d) Haryana
Q13. Which is bulky organic manure a) FYM b) Groundnut cake c) Night soil d) Both a and b	Q14. Scientific name of dhaincha a) Sisbania acculta b) Sisbania rostrata c) Pillipesara d) None of these
Q15. NPK ratio of FYM a) 0.5,0.2,0.5 b) 0.9,0.5,0.4 c) 1.0,1.5, 1.0 d) 1.9,0.5,1.0	Q16. Brown Manuring is done in which method of sowing of rice. a) Transplanting b) DSR c) SRI d) Dapog method
Q17. Which type of concentrated manure has nematicidal property a) Mustard cake b) Neem cake c) Ground nut cake d) All of these	Q18. Concentration of nitrogen in Groundnut cake a) 7.5 b) 9 c) 4.2 d) 5
Q19. Sunhemp fix _____ kg N per hectare. a) 80 b) 60 c) 120 d) 134	Q20. NPK of poultry manure. a) 5,2,5 b) 3.5,1,2.1 c) 3.03,2.6,1.4 d) 1.2,1.0,1 0
Q21. Symbiotic biofertilizer is a) Rhizobium b) Azotobacter c) Azospirillum d) Beijerinckia	Q22. Which gene is responsible for N-fixation. a) Norin -10 b) Nif gene c) Norin - 8 d) None of these
Q23. Optimum ph range required for Azotobacter a) 4 to 6 b) 7 to 9 c) more than 8 d) 6.5 to 8	Q24. Which biofertilizer tolerate wide range of ph a) Beijrenckia c) Clostridium d) Both a and c
Q25. Associated bio fertilizer is a)Azospirillum b) Azotobacter c) Rhizobium d) All of these	Q26. Recommended biofertilizer for Sorghum crop is a)Clostridium b)Beijrenckia c)Azospirillum d)Bradyrhizobium
Q27. Which essential element is required for symbiotic N fixation a) N and P b) Fe and Mo c) K and B d) C,H,O	Q28. Which is responsible for nodule formation in pulses a) Leghemoglobin b) Lignin c) Cellulose d) None of these
Q29. Azolla biofertilizer is mainly used in which crop a) Jowar b) Rice/Paddy	Q30. National centre of organic farming in india is located in a) Ghaziabad

c) Maize d) Millets	b) Hyderabad c) Kochi d) pune
Q31. What is the major component of the organic farming a) Pesticide b) Synthetic fertilizer c) Chemical fertilizer d) Bio-fertilizer	Q32. The breeding and rearing of earthworms in a controlled environment is called a) Vermiwash b) Vermiculture c) Vermicomposting d) Vermicasting
Q33. The main concept of organic farming practices is a) Give back to the country b) Give back to nature c) Give back to the soil d) None of the above	Q34. The key principles of organic farming are a) Mixed farming b) Crop rotation c) Organic cycle d) All of the above
Q35. Usually green manuring increases the crop yield a) 10-15% b) 20-25% c) 30-50% d) 70-80%	Q36. Azolla as a bio fertilizer increases the crop yield a) 70% b) 60% c) 50% d) 40%
Q37. Which of the farming practices is eco-friendly a) Hydroponics b) Conventional farming c) Organic farming d) None of the above	Q38. The soil fertility is reduced due to a) Poor drainage b) Imbalanced c) Overwatering d) None of the above
Q39. Is there any subsidy provided of organic farming in India? a) Yes b) No c) Depends d) None of the above	Q40. How weeds are controlled in organic farming. a) Wood chips mulch b) Pesticides c) Herbicides d) All of the above
Q41. What is the importance and benefits of organic farming a) No chemical used b) Environment friendly c) Increase the soil health d) All of the above	Q42. Which of these is not allowed in organic cultivation a) Sewage sludge b) Crop rotation c) Cover crops d) Buffer zone
Q43. Vermicomposting is prepared by a) Animals b) Worms c) Bacteria d) Fungus	Q44. The soil structure may be improved a) Stable humus b) Organic manure c) Bio-fertilizer d) none of these
Q45. Organic agriculture is currently practiced in more than _____ countries. a) 100 b) 150 c) 120 d) 160	Q46. _____ type of earthworms is not suitable for vermicomposting. a) Epigeic b) Endogeic c) Surface feeder d) Ectogeic
Q47. _____ is renewable nutrient source. a) Urea b) CAN c) DAP d) Crop residue	Q48. What is the best way to tell the difference between organic and non organic foods? a) Give them the "squeeze test" b) Organic foods always cost more c) Look the organic label

	d) There is no difference
Q49. What portion of a food must be organic to allow a food maker to use the label “made with organic ingredients”.	Q50. To carry the USDA organic label, production can’t have
a) 0-10% b) 10-25% c) 25-70% d) 70-95%	a) Manmade pesticide b) Genetic engineering c) Irradiation d) All of the above
Q51. The organic label lets you know that organic foods are	Q52. Why do organic foods often cost more than non organic foods?
a) Healthier b) Better tasting c) Neither A nor B d) Both A and B	a) Higher taxes b) Production costs c) More organic farms d) None of the above
Q53. Mulching is helpful for	Q54. IFOAM was established in year
a) Weed reduction b) Reduced evaporation c) Both a and b d) None of these	a) 1972 b) 1987 c) 1995 d) 1999
Q55. JAS stands for	Q56. Banglore method of composting is developed by
a) Journals of agriculture standards b) Japan agriculture standards for organic farming c) Jharkhand agriculture standards d) None of these	a) A. Howard b) Y.D Wad c) Dr. L.N. Acharya d) Both a and b
Q57. Pit L x B x D of Indore method of composting	Q58. The process of filling is continued until the mass reaches the height of _____m above the ground level in Coimbatore method.
a) 3-3.5 x 1.5-2.0 x 1 b) 4 x 3 x 2 c) 2 x 2 x 2 d) 3 x 2 x x	a) 0.8 b) 0.9 c) 0.6 d) 0.5
Q59. CODEX was established in	Q60. Compost can be prepared in NADEP method within _____ months.
a) 1962 b) 1969 c) 1975 d) 1979	a) 1 b) 2 c) 3 d) 4
Q61. Which chemical is used for fruit ripening.	Q62. Which kind of processing methods are approved in organic farming.
a) Ethylene b) GA3 c) ABA d) All of these	a) Smoking b) Extraction c) Filtration d) All of these
Q63. The special conditions of storage are permitted under	Q64. What are the packaging materials for organic products?
a) High temperature b) Closed atmosphere	a) Paper b) Recyclable plastic

c) Open atmosphere d) High Humidity	c) Bagasse fiber d) All of these
Q65. Concentration of P in bone meal a) 3-4% b) 9-10% c) 20-25% d) 30-35%	Q66. Most common used species of earthworms for vermicomposting a) Eisenia foetida b) Eudrilus eugeniae c) Lumbricus rubellus d) Lumbricus mauritiae
Q67. Number of major principles of organic farming a) 4 b) 3 c) 5 d) 6	Q68. IFOAM stands for a) International federation of organic agriculture movements. b) Indian federation of organic agriculture movements.  c) International federation of organic agriculture management.  d) Indian federation of organic agriculture management.
Q69. Organic farmers are prohibited from using a) Fertilizer b) Pesticides c) Growth hormones d) All of the above	Q70. Crop yield in organic farming when compared to conventional farming is a) More b) Less c) Both are equal d) None of the above