

**A**

**Reg. No. :**

--	--	--	--	--	--	--	--	--	--

**Question Paper Code: 99A71**

B.E. / B.Tech. DEGREE EXAMINATION, NOV 2022

Open Elective

Civil Engineering

19UAG971- Organic Farming Technology

(Common to CSE, ECE, EEE, Mechanical, IT, Chemical, Bio medical engineering branches)

(Regulation 2019)

Duration: Three hours

Maximum: 100 Marks

Answer ALL Questions

PART A - (10 x 1 = 10 Marks)

1. Biotic Factors is \_\_\_\_\_ CO1- U  
(a) Living things (b) Nonliving (c) Insects (d) both (a) and (c)
2. The biosphere includes the, and \_\_\_\_\_ CO1- U  
(a) Lithosphere (b) Hydrosphere (c) Atmosphere (d) all the above
3. Example of cereal crops is \_\_\_\_\_ CO2- U  
(a) Rice (b) Maize (c) Both (a) and (b) (d) Insect
4. Farm enterprises may be called \_\_\_\_\_ CO2- U  
(a) Agriculture (b) Horticulture (c) Poultry (d) all the above
5. Example of edible oil cake \_\_\_\_\_ CO3- U  
(a) Groundnut cake (b) Coconut cake (c) Both a & b (d) a only
6. Glyphosate and nenicotinoides are particularly \_\_\_\_\_ CO3- U  
(a) devastating the insects (b) devastating the pollinators  
(c) devastating the soil microflora (d) all the above
7. Biointensive IPM should be 'a \_\_\_\_\_ CO4- U  
(a) Cultural (b) Plant resistance (c) Bio control (d) All the above
8. Biopesticides may be \_\_\_\_\_ CO4- U  
(a) Neem oil (b) Pungam oil (c) Both (a) & (b) (d) Coconut oil

9. Purpose of organic agriculture is provision of \_\_\_\_\_ CO5- U  
 (a) Good soil (b) Good food (c) Good health (d) All the above
10. National Standard in India under NPOP is \_\_\_\_\_ CO1- U  
 (a) 2002 (b) 2003 (c) 2004 (d) 2005

PART – B (5 x 2= 10 Marks)

11. Distinguish between Biotic and Abiotic Factors CO1- U
12. What are the key characteristics of Integrated Farming System CO2- U
13. What are the key characteristics of cropping pattern? CO3- U
14. What is the meaning of Cultural method give example? CO4- U
15. Mention the Guideline of Organic Standard for food process CO5- U

PART – C (5 x 16= 80 Marks)

16. (a) Elaborate and give the detailed information Estuaries and Marine ecosystems. CO1- U (16)
- Or
- (b) Give the details of Aquatic ecosystem and types of Fresh water ecosystem and give the detailed information about Terrestrial ecosystem with suitable example CO1- U (16)
17. (a) Elucidate the shifting cultivation and major source of manures and give the detailed information of Farm yard manure CO2- U (16)
- Or
- (b) Give the detailed Traditional farming give suitable example, Elaborate and give the detailed information of Integrated farming system CO2- U (16)
18. (a) Furnish the details about methods of composting, Press mud manure and subsistence farming? CO3- U (16)
- Or
- (b) Elaborate and give detail information of Integrated farming systems. CO3- U (16)

19. (a) Explain the using of Bio control agents for Integrated Pest Management programme CO4- U (16)
- Or
- (b) Elucidate the Behavioural management of Integrated Pest Management and give suitable example CO4- U (16)
20. (a) Explain the scope of Organic farming domestic market, and future thrust and Government initiative CO5- U (16)
- Or
- (b) Role of NGO play crucial role in promoting organic agricultural practices in India. CO5- U (16)

