

School of Basic and Applied Sciences

BioScience
ETE - Jun 2024

Time : 3 Hours

Marks : 100

Sem IV - C2UF403T - Nutraceuticals and Functional Food

Your answer should be specific to the question asked

Draw neat labeled diagrams wherever necessary

1. Define the terms "Functional foods" . K1 CO1 (5)
2. Discuss the health benefits of Lycopene with suitable example. K2 CO2 (5)
3. Discuss the importance of bee pollen as nutraceutical supplements. K1 CO3 (5)

4. Explain the different processing used in the inactivation for the antinutritional factors. K2 CO4 (10)
5. What do you understand by Single Cell Protein. Write the importance and functions of Single Cell Protein. K3 CO5 (10)
6. Discuss the role of international industries involved in production and development of Nutraceuticals and functional foods. K4 CO6 (10)
- 7) What is Alzheimer Disease (AD). What is the major causng factor of this disease. Write down the functional foods or nutraceuticals to prevent or cure this disease. K3 CO1 (10)

OR

- Explain Resveratrol's health benefits with its food sources. K3 CO2 (10)
8. Discuss the difference between nutraceuticals and functional foods. Classify the functional foods on the basis of - 1) food source 2) Nutrient and Non-nutrient source. K3 CO1 (15)
 9. Define the term "Hypoglycemia". Explain the role of different functional foods in the treatment of Hypoglycemia. K4 CO2 (15)
 - 10) Discuss the role of Probiotics and Prebiotics as nutraceuticals with suitable example of both. K4 CO5 (15)

OR

- What is RDA, Discuss the dietary assessment methods with suitable examples. K4 CO4 (15)