



QP CODE: 22103486



Reg No : .....

Name : .....

**B.Sc DEGREE (CBCS) REGULAR / REAPPEARANCE EXAMINATIONS,  
NOVEMBER 2022**

**Fifth Semester**

B.Sc Food Science & Quality Control Model III

**CORE COURSE - FS5CRT16 - FOOD TOXICOLOGY**

2017 Admission Onwards

4E7849CF

Time: 3 Hours

Max. Marks : 80

**Part A**

*Answer any **ten** questions.*

*Each question carries **2** marks.*

1. Analyse toxicants contaminating food.
2. Discuss on protease inhibitors.
3. Explain ciguatoxin.
4. What are antivitamin?
5. Explain photochemical smog.
6. Review on mina mata disease.
7. Recite on anti oxidants .Give examples.
8. Give the expansion of GRAS.
9. Define the term xenobiotic translocation.
10. Explain the phases of bio transformation.
11. Give an example and define teratogens.
12. What do you mean by r - DNA?

(10×2=20)

**Part B**

*Answer any **six** questions.*

*Each question carries **5** marks.*





13. Explain the importance of toxicology.
14. Prepare an essay on poisons.
15. Develop a note on toxic minerals and other inorganic compounds in food and water.
16. Group pesticides based on their chemical nature.
17. Make a brief note on xenobiotics.
18. Explain distribution of xenobiotics.
19. Describe teratogenesis and teratogens.
20. Make a brief note on biotechnology and r-DNA.
21. Give advantages and disadvantages of GM foods.

(6×5=30)

### **Part C**

*Answer any **two** questions.*

*Each question carries **15** marks.*

22. Explain the Basic divisions of toxicology and goals of toxicology.
23. Define and prepare an essay on :Mushroom toxins b) toxins present in fruits and vegetables.
24. Compose a brief note on cancer.
25. Develop a note on cancer and process of development of cancer.

(2×15=30)

