



QP CODE: 25008747



25008747

Reg No :

Name :

**B.Sc DEGREE (CBCS) SPECIAL REAPPEARANCE EXAMINATIONS, FEBRUARY
2025**

Fifth Semester

B.Sc Food Science & Quality Control Model III

CORE COURSE - FS5CRT16 - FOOD TOXICOLOGY

2022 Admission Only

B35CD768

Time: 3 Hours

Max. Marks : 80

Part A

*Answer any **ten** questions.*

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

1. List neurotics.
2. Assess the term PSP.
3. What are antivitamin?
4. List the toxic minerals and other inorganic compounds in food and water.
5. Make a short note on OPIs.
6. Assess the effects of carbon monoxide.
7. Explain toxic effects of cadmium.
8. Explain about artificial sweeteners. Give two examples.
9. Arrange the four ways of xenobiotic absorption.
10. Define cancer.
11. Arrange the steps involved in carcinogenesis.
12. Assess the safety GM Foods.

(10×2=20)

Part B

*Answer any **six** questions.*

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

13. What are occupationally inhaled toxicants and mention 3 conditions.





14. Discuss on the types of toxic effects.
15. Prepare a short essay on tannins, lectins, phytates.
16. Make a short note on the sources, kinds and biological effects of radiation.
17. Make a brief note on xenobiotics.
18. Describe teratogenesis and teratogens.
19. Distinguish between teratogenesis and mutagenesis.
20. Discuss the steps in r-DNA technology.
21. Validate the safety of GM Foods.

(6×5=30)

Part C

*Answer any **two** questions.*

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

22. Make a note on the scope, importance and relevance of toxicology in day to day life.
23. Define and prepare an essay on :a) Mushroom toxins b) toxins present in fruits and vegetables
24. Conclude on xenobiotic translocation and explain the mechanism of xenobiotics as it pass through plasma membrane.
25. Prepare an essay on biotransformation.

(2×15=30)

