QP CODE: 21100133

21100133

Reg No : .....

Name : .....

B.Sc DEGREE (CBCS) EXAMINATION, FEBRUARY 2021

Fifth Semester

B.Sc Food Science & Quality Control Model III

Core Course - FS5CRT16 - FOOD TOXICOLOGY

2017 Admission Onwards

8B59DB32

Time: 3 Hours Max. Marks : 80

Part A

*Answer any **ten** questions.*

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

1. Summarize toxicants in air.
2. Explain the term dose.
3. Name any four Mushroom toxins.
4. Give examples for antivitamins.
5. Discuss on OCIs.
6. Explain common automobile pollutants.
7. Discuss on fanconi syndrome.
8. Explain about artificial sweetners.Give two examples.
9. Describe the mechanism of xenobiotic translocation.
10. Assess the principal organs of excretion of xenobiotics.
11. Name any 4 cancer on the basis of tissue affected and explain their effects.
12. Give an example and define GM Foods.

(10×2=20)

Part B

*Answer any **six** questions.*

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

13. Examine the scope of toxicology.
14. Create a short note on any six naturally occuring plant toxins.

15. Develop a note on toxic minerals and other inorganic compounds in food and water.

16. Explain the general principles for the use of food additives.

17. Make a brief note on xenobiotics.

18. Define and explain the types of carcinogens.

19. Describe mutagenesis and mutagens.

20. Discuss the steps in r-DNA technology.

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. Summarize seafood toxins.

24. Prepare an essay on biotransformation.

25. Define mutation. Give the types of mutation. Describe mutagens.

(2×15=30)