

C 40132

(Pages : 2)

Name.....

Reg. No.....

SIXTH SEMESTER (CUCBCSS—UG) DEGREE EXAMINATION**MARCH 2023**

Food Technology

FTL 6B 17—FOOD SAFETY, REGULATIONS AND PACKAGING

(2017—2018 Admissions)

Time : Three Hours

Maximum : 80 Marks

I. Objective Type. *All questions are compulsory :*

- 1 Headquarters of FAO located at _____.
- 2 _____ refers to the capability for tracking goods along the distribution chain on a batch/lot number or series number basis.
- 3 Give one example for low risk food.
- 4 Give two examples for biological hazards.
- 5 Write any *two* causes of contamination.
- 6 What you mean by temperature danger zone ?
- 7 What is SOP ?
- 8 Expand HACCP.
- 9 Commonly used adulterant in spices ?
- 10 Name two packaging material for baked products ?

(10 × 1 = 10 marks)

II. Short Answer Type Questions. Answer any *five* questions :

- 11 Explain levels of packaging.
- 12 What are the objectives of traceability and recall ?
- 13 What is disinfectant, give one example ?
- 14 Write advantages of glass as packaging material.
- 15 What are the common adulterants in vegetable oil ?

Turn over

- 16 Explain traditional packaging methods.
- 17 Write about aseptic packaging.

(5 × 2 = 10 marks)

III. Short Essay Questions. Answer any *six* questions :

- 18 Differentiate MAP and CAP.
- 19 Write 7 principles of HACCP.
- 20 What are the factors influencing the shelf life of a product ?
- 21 Explain principles of hygienic design.
- 22 Write about FDA.
- 23 What are the main features of Food Safety and Standard Act ?
- 24 Write about GMP in food industries.
- 25 Explain about Sampling tools and containers.

(6 × 5 = 30 marks)

IV. Essay Questions. Answer any *two* questions :

- 26 Prepare a HACCP plan for biscuit industry.
- 27 Explain in detail about functions and design of different types of packaging materials.
- 28 Explain in detail about Food Safety and Quality Management.
- 29 Write in detail about Food plant sanitation.

(2 × 15 = 30 marks)