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FNE 463

**II Semester M.Sc. Degree (CBCS) Examination, September/October 2022
(Open Elective)**

**FOOD SCIENCE AND NUTRITION
Food Safety**

Time : 3 Hours

Max. Marks : 70

1. Write short notes on **any five** of the following (**not** exceeding **2** pages **each**) :
(5×3=15)
 - a) HACCP
 - b) Retort packaging.
 - c) Codex Alimentarius Commission.
 - d) Food borne pathogens.
 - e) USFDA
 - f) Waste disposal.
 - g) Nutritional labelling.
 - h) Types of food packaging.
2. Write explanatory notes on **any five** of the following (**not** exceeding **3** pages **each**).
(5×5=25)
 - a) Methods of food quality control.
 - b) Food adulteration.
 - c) Modified atmosphere packaging.
 - d) ISO 9000.
 - e) AGMARK
 - f) Vacuum packaging.
 - g) Raw Material Specifications.
 - h) Food quality parameters.
3. Answer **any three** of the following (**not** exceeding **5** pages **each**). (3×10=30)
 - a) Explain the importance of various issues related to food safety and quality.
 - b) Describe the criteria for selection of food packaging materials and its importance.
 - c) Explain the process of making a raw material into a finished food product.
 - d) Illustrate the importance and significance of sensory evaluation process.
 - e) Describe the rules and regulations for waste disposal.