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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.