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FNS 456

II Semester M.Sc. Degree (CBCS) Examination, September/October 2022
FOOD SCIENCE AND NUTRITION
Food Safety and Quality Control

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) TQM
 - b) GMP
 - c) GLP
 - d) Codex Alimentarius
 - e) Quality assurance
 - f) Food label
 - g) ISO system
 - h) Dairy products.

 2. Write explanatory notes on **any five** of the following (**not** exceeding **3** pages **each**). **(5×5=25)**
 - a) Food adulteration.
 - b) Different between mandatory and optional rules.
 - c) FSSAI and BIS systems.
 - d) Quality assessment of poultry and eggs.
 - e) Processed food products.
 - f) Sensory evaluation.
 - g) Panel screening.
 - h) HACCP in food industries.

 3. Answer **any three** of the following (**not** exceeding **5** pages **each**). **(3×10=30)**
 - a) Discuss laws on label claims and punishments.
 - b) Explain the common testing methodologies for food toxicants.
 - c) Explain the quality assessments methods followed in fruits and vegetables selection.
 - d) Explain sanitation and hygiene in food industries.
 - e) Explain the importance of IPR and patents.
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