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MVP-003

**POST GRADUATE DIPLOMA IN FOOD
SAFETY AND QUALITY
MANAGEMENT (PGDFSQM)**

Term-End Examination

December, 2022

**MVP-003 : PRINCIPLES OF FOOD SAFETY AND
QUALITY MANAGEMENT**

Time : 3 Hours

Maximum Marks : 100

Note : (i) *Attempt any **five** questions.*

(ii) *All questions carry equal marks.*

1. Write short notes on any **four** of the following :

4×5=20

- (a) Principles of GAP
- (b) Prions
- (c) Benefits of HACCP
- (d) Traceability
- (e) Structure of risk analysis

P. T. O.

2. (a) Match the following : 5×1=5

Column A**Column B**

- | | |
|---------------------------------|---------------------------|
| (A) Dioxin | (1) ISO 18000 |
| (B) Epidemiology | (2) Sanitation |
| (C) Strategy and
Conformance | (3) Risk
Assessment |
| (D) OSHA | (4) Chemical
Hazard |
| (E) CIP | (5) Project
Management |

- (b) Write about the importance of strategy and conformance in the context of food safety management. 8
- (c) Write about the mandatory nutritional labelling regulations for foods. 7

3. (a) Differentiate between the following :

3×4=12

- (i) Food Infection and Food Intoxication
- (ii) Risk Assessment Policy and Risk Assessment Profile
- (iii) Physical and Biological Hazards
- (b) Write the principle and steps of six sigma.

4. (a) Give the definition, basic tenets and benefits of TQM. 12
- (b) List the 7 S of project management. 8
5. (a) Give the structure, challenges and benefits of risk analysis. 8
- (b) Discuss the building, design and construction requirements for implementation of GHP in a food industry. 12
6. (a) What are the general criteria of food safety risk assessment ? How can risk assessment be made more transparent ? 10
- (b) Highlighting the importance of risk managers' discuss the process of risk assessment. 10
7. (a) Discuss key elements of controlling suppliers and contractors for effective project management. 12
- (b) How is a product defined when we talk in terms of food safety management ? 8
8. (a) Write about the journey of implementation of traceability by grape growers of India. How did the industry benefit from this ? 12
- (b) Describe the basic principles of risk communication. 8