

02303 POST GRADUATE DIPLOMA IN FOOD SAFETY
AND QUALITY MANAGEMENT (PGDFSQM)

Term-End Examination

June, 2017

MVP-003 : PRINCIPLES OF FOOD SAFETY AND
QUALITY MANAGEMENT

Time : 3 hours

Maximum Marks : 100

Note : Attempt any five questions. All the questions carry equal marks.

1. Explain the following terms : (Attempt any ten) : 2x10=20
 - (a) Contaminant
 - (b) Food Chain
 - (c) SWAMP
 - (d) Performance Attributes
 - (e) Line Management
 - (f) Exposure Assessment
 - (g) TDI and MRLs
 - (h) Sensitivity Analysis
 - (i) Corrective Action
 - (j) Deviation
 - (k) Record
 - (l) Calibration

2. Explain the following with examples : 5x4=20
 - (a) Chemical Hazards
 - (b) Sources of Contamination
 - (c) Global Trade and food safety
 - (d) Quality Dimensions of a "Product"

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| 3. | (a) | Define project and explain the key activities involved with project management. | 5 |
| | (b) | Explain the different phases of project management. | 5 |
| | (c) | Explain the role of strategy and teams in project management. | 5 |
| | (d) | Describe the 7-S of project management. | 5 |
| 4. | (a) | Define the term 'risk analysis'. Explain the structure of risk analysis. | 5 |
| | (b) | Describe various challenges and benefits in the application of risk analysis. | 5 |
| | (c) | Enumerate various documents available in Codex on application of risk analysis. | 5 |
| | (d) | Describe general characteristics of risk assessment. | 5 |
| 5. | | Describe the steps for implementation of HACCP and explain the process of decision making in HACCP decision tree with an example. | 20 |
| 6. | (a) | List the important features of GMP. | 5 |
| | (b) | Explain the general principles of food hygiene as per Codex. | 10 |
| | (c) | Explain the risk categorization and crucial practices with reference to GRP (Good Retail Practices) | 5 |
| 7. | | Explain the following : | 5x4=20 |
| | (a) | Establishment of traceability system in an organisation | |
| | (b) | Nutrition labelling | |
| | (c) | Need for safety and health in industry | |
| | (d) | Statistical Quality Control | |
| | (e) | Occupational Health Problems | |