

**POST GRADUATE DIPLOMA IN FOOD SAFETY
AND QUALITY MANAGEMENT (PGDFSQM)****Term-End Examination****December, 2015****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.*

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| 1. | (a) | List the general principles of Food Safety Risk Management laid down by the Codex. | 10 |
| | (b) | What is Risk Analysis ? And state its different components. | 5 |
| | (c) | Describe different components of risk assessment. | 5 |
| 2. | (a) | What is TQM ? How is it applicable in various organizations ? List its benefits. | 10 |
| | (b) | Describe the various dimensions of Quality in reference to a Food Product. | 5 |
| | (c) | Define "Standard" and categorize them on the basis of the contents of the document. | 5 |
| 3. | (a) | List the various incidental chemical contaminants gaining entry into the chain along with their sources. | 9 |

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| | (b) | Name the Pathogenic bacteria, parasites and viruses which causes food borne diseases. | 6 |
| | (c) | Write 7 principles of HACCP. | 5 |
| 4. | (a) | Describe the type of data required for a HACCP study of a food product. | 10 |
| | (b) | State the role of verification in the implementation of HACCP. | 10 |
| 5. | (a) | Explain the HACCP plan for a refrigerated pasteurized guava juice processing plant giving the flow chart. | 10 |
| | (b) | Develop a HACCP plan worksheet for the pasteurized guava juice processing, highlighting the Critical Control Points. | 10 |
| 6. | (a) | Describe the various elements of Good Agricultural Practices. | 10 |
| | (b) | What are the areas where good hygiene practices should applied to attain safe food ? Explain briefly. | 10 |
| 7. | (a) | Discuss the differences in the role of a line manager and project manager. | 10 |
| | (b) | State the significance of following in relation to Food Safety. | 10 |
| | (i) | Nutrition Labelling. | |
| | (ii) | Traceability. | |
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