

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

Term-End Examination

December, 2017

**MVP-004 : FOOD SAFETY AND QUALITY
MANAGEMENT SYSTEMS**

Time : 3 hours

Maximum Marks : 100

- Note :**
- (i) Q. No. 1 is compulsory.
 - (ii) Attempt five questions in all.
 - (iii) All questions carry equal marks.
 - (iv) All parts of the questions must be attempted together.

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1. Define the following (any eight) : 20
- (a) Environmental Performance
 - (b) Audit Programme
 - (c) Standardization
 - (d) Traceability
 - (e) Critical Control Point
 - (f) Food Safety Policy
 - (g) Quality Assurance
 - (h) Reproducibility
 - (i) Reference Method
2. (a) What are the principles of auditing ? 10
- (b) Explain how an audit program is managed. 10

3. (a) What is the role of the following organizations (any two) in food safety and list their objectives ? 10
(i) IAF
(ii) QCI
(iii) NABL
(b) Elaborate the Quality Management Principles of ISO 9001 : 2000. 10
4. (a) List the key features of ISO 22000 : 2005 and its uses. 10
(b) Differentiate between Global GAP versus India GAP. Explain farm certification procedure prescribed under India GAP. 4+6
5. (a) What is the significance of ISO 14001 to the food industry ? Explain salient features of ISO 14001. 4+6
(b) What is Method Validation ? Elaborate on its need in the management system. 10
6. (a) What is Uncertainty and how does it arises ? 10
(b) What are the desirable characteristics of a reference material ? 10
7. Write short notes on (any four) : 20
(a) HACCP
(b) SQF - 2000
(c) Food Safety Team
(d) IOP
(e) Codex Alimentarius
(f) BRC
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