

No. of Printed Pages : 4

MVP-004

**P. G. DIPLOMA IN FOOD SAFETY AND
QUALITY MANAGEMENT (PGDFSQM)**

Term-End Examination

June, 2020

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

Time : 3 Hours

Maximum Marks : 100

Note : (i) Attempt any five questions.

(ii) All questions carry equal marks.

1. (a) List any *four* management standards applicable to a food industry. 4
- (b) Explain the salient features of ISO : 14001 (environmental management system) and OHSAS : 18001. 5+5

P. T. O.

- (c) Describe the principles of auditing. Name the ISO standard for quality management audit. 4+2
2. Give an overview of audit activities commencing from initiating the audit to "audit follow up". 20
3. (a) Explain the operating principle of ISO's management system standards. 4
- (b) Give a schematic representation of a model of a process based quality management system. 10
- (c) Enumerate different hierarchical levels as outlined in ISO 9001 : 2000 documentation structure. 6
4. Explain the following in reference to ISO : 22000 : 4 each
- (a) Elements of structure of FSMS documentation

- (b) Mandatory procedures
 - (c) Mandatory records
 - (d) SOP's
 - (e) FS team structure
5. (a) Give the *five* key elements of product characteristics under FSMS. 5
- (b) Give the *five* elements to be covered as a part of verification plan under FSMS. 5
- (c) Define the following terms in reference to ISO : 17025 : 5
- (i) Accuracy
 - (ii) CRM
 - (iii) Reliability
 - (iv) Repeatability
 - (v) SRM
- (d) Mention any *five* quality parameters for agricultural food products. 5

6. (a) Give the salient features of BRC global standard food. 10
- (b) Give the salient features of International Food Standards (IFS). 10
7. Write short notes on any *four of the following* : 5 each
- (a) SQF 1000
- (b) Proficiency testing
- (c) ISO : 27001 : 2005
- (d) Competence requirements of an auditor
- (e) Quality Council of India