

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

Term-End Examination

December, 2016

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

Time : 3 hours

Maximum Marks : 100

- Note :**
- (i) *All questions carry equal marks.*
 - (ii) *Attempt any five questions.*

1. Explain the following terms. Attempt any ten.
- (a) PDCA 2x10=20
 - (b) OHSMS
 - (c) Audit (Audit) Evidence
 - (d) Electiveness and efficiency
 - (e) Codex Alimentarius
 - (f) CCP
 - (g) Standard Reference Material
 - (h) Limit of Detection (LOD)
 - (i) Laminar Flow
 - (j) BRC
 - (k) India GAP(GAP)
2. (a) Explain the important features of ISO 14001 (ISO; 14001). 10
- (b) Explain the need, scope, benefits and procedure for laboratory accreditation. 10

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| 3. | (a) Describe the "Quality Management" principles on which Quality Management Standard (QMS -ISO 9000) are based. | 10 |
| | (b) Describe and explain the different hierarchical level as outlined in ISO : 9001/2000(2008) documentation structure. | 10 |
| 4. | (a) Explain two major clauses (and sub-clauses therein and their description) pertaining to management clauses in ISO : 9001 (2000/2008). | 10 |
| | (b) Explain the salient features of ISO 22000 standards. | 10 |
| 5. | (a) Describe the eight main clauses and sub clauses and their function in ISO : 22000. | 10 |
| | (b) Explain the key elements in control of non-conformity under clause 7 of ISO : 22000. | 10 |
| 6. | (a) Describe the technical requirements under the ISO : 17025. | 10 |
| | (b) Explain the importance of "Method of validation" in the field of analysis. Describe the process of validation. | 10 |
| 7. | (a) Explain the salient features of SQF-2000 standards. | 10 |
| | (b) Describe in detail the aspects which are reviewed by an auditor during assessment of Quality Management System (QMS) under International Food Standards (IFS). | 10 |