

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

**Term-End Examination**

**00170**

**December, 2014**

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

*Time : 3 hours*

*Maximum Marks : 100*

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

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1. (a) As per the Clause 4 of ISO 1401, what are the principles of auditing? 5
- (b) List the personal attributes and knowledge and skills of an auditor. 5+5=10
- (c) Explain the 2-tier structure of QCI. 5
  
2. (a) What are the five conditions that must be considered by the top management regarding quality policy? 5
- (b) Briefly describe the hierarchical levels of documentation structure of ISO 9001 : 2000/2008. 10
- (c) List three standards under ISO 9000 family with functions of each. 5

3. (a) What does ISO 22000 : 2005 bring to HACCP method ? 3
- (b) Name 5 types of organizations with examples which can use ISO 22000 : 2005. 5
- (c) Explain the similarity and difference between OPRP and HACCP. 5
- (d) List the elements of structure of FSMS documentation. Explain any two elements. 7
4. (a) What are the factors that affect the Test Result ? 3
- (b) Discuss the factors which will enhance a laboratory's capability to do the analysis on a consistent basis. 4
- (c) Write a short note on Laboratory Accreditation. 3
- (d) What is the importance of Method Validation and Certified Reference Material (CRM) for a testing laboratory ? Discuss when should a method be validated and in what activities the CRM is used.  $2+4+4=10$
5. (a) Describe the procedure for certification of India Gap. 10
- (b) Discuss the benefits, principles and scope of BRC Global.  $3+4+3=10$

6. Define any *ten* of the following terms :  $10 \times 2 = 20$

- (a) Threat
- (b) Critical Limit
- (c) Quality
- (d) Validation
- (e) Non-conforming Product
- (f) OPRP
- (g) Traceability
- (h) Uncertainty of measurement
- (i) Proficiency Testing
- (j) PRP
- (k) Limit of Detection
- (l) Limit of Quantitation

7. Write short notes on any *five* of the following :  $5 \times 4 = 20$

- (a) Internal quality control in a laboratory
- (b) Biosafety Cabinet
- (c) SOP
- (d) SQF-1000
- (e) IFS
- (f) Quality Manual
- (g) OHSAS

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