

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

**Term-End Examination**

**June, 2013**

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

*Time : 3 hours*

*Maximum Marks : 100*

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*Note : All questions carry equal marks. Question no 1 is compulsory. Attempt 5 questions in all.*

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1. (a) Write full form of the following 10  
abbreviations :
- AOAC      LOQ  
IAF        USFDA  
LIMS      TQM  
NABL      QMS  
CCP        OPRP
- (b) How is GAP related to soil, water and 10  
animals ?
2. (a) What is PDCA methodology ? 8
- (b) Discuss competence and evaluation of 12  
auditor as per clause 7 of ISO 19011.

3.	(a)	What are the main aims of accreditation programme ?	5
	(b)	How is audit plan prepared ?	15
4.	(a)	Define FSMS.	4
	(b)	How are control measures selected and assessed in HACCP ?	8
	(c)	What is the importance of internal communication for success of FSMS ?	8
5.	(a)	Which SOPs are required to be maintained for FSMS ?	10
	(b)	Discuss the various documents in ISO 22000 : 2005.	10
6.	(a)	How is QMS evaluated ?	12
	(b)	What is meant by continued improvement ?	8
7.	(a)	Why is proficiency testing essential ?	8
	(b)	Describe the technical requirements for ISO 17025.	10
	(c)	What is meant by sensitivity of microbial tests ?	2