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MVP-004

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

Term-End Examination

December, 2023

**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.

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1. Write short notes on the following : 4×5=20
 - (i) ISO 14001
 - (ii) ISO 18001
 - (iii) PDCA model
 - (iv) Principles of auditing

 2. (a) Which agency does the accreditation of laboratories ? Give the benefits, scope and procedure of accreditation of laboratories.
15

 - (b) Give the name of *five* autonomous bodies working under QCI.
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3. Give the genesis, main sections/clauses, benefits and steps for implementation of ISO 9000. 20
4. (a) Discuss the importance and types of reference materials for compliance to ISO 17025. 12
(b) Write about traceability and calibration for measurement in a chemical analysis laboratory. 8
5. (a) Write about the structure of food safety team. 5
(b) Which segment of industry can benefit from adopting ISO 22000 ? 5
(c) Write the elements of structure of ISO 22000 documentation. 10
6. (a) Discuss the benefits and give principles of BRC/IOP packaging standard. 14
(b) What types of documents are required to support HACCP pre-requisite steps ? 6
7. Give the considerations in managing the audit program for the following : 20
 - (a) Audit program objectives
 - (b) Audit program resources
 - (c) Audit program implementation
 - (d) Audit program monitoring and review

8. Write the full form of the following abbreviations : 20×1=20

- (i) IAF
- (ii) OHSAS
- (iii) QCI
- (iv) EMS
- (v) SOP
- (vi) PRP
- (vii) FSMS
- (viii) AOAC
- (ix) HACCP
- (x) TQM
- (xi) SRM
- (xii) GAP
- (xiii) BRC
- (xiv) IFS
- (xv) ICP
- (xvi) LOD
- (xvii) SQF
- (xviii) APEDA
- (xix) GMO
- (xx) UKAS