



Fdsc.3104

**KERALA AGRICULTURAL UNIVERSITY**  
**B.Tech.(Food Engg.) 2015 Admission**  
**V Semester Final Examination-January-2018**  
**Food Safety and Quality Management (1+1)**

**Marks:50**  
**Time: 2 hours**

**I Fill in the blanks:**

**(10x1=10)**

- 1 ISO----- is the most appropriate model for food industry.
- 2 The significant increase in export of milk products from the country became possible after ----- agreement.
- 3 An integrated organizational approach in delighting consumer satisfaction and committed to continuous improvement is -----
- 4 The basic law that protects the common consumer against the supply of adulterated food is -----
- 5 In food quality control the type of approach manner, in which it is possible to provide detail specifications for a wide range of food products is
- 6 Current approaches to food safety control are based on the concept of-----
- 7 The concept and practice of HACCP was first developed by-----company with cooperation of NASA.
- 8 The analysis of investigations intended to disclose, identify, estimate and calculate the risks of all factors associated with processing and manufacture of given product is-----
- 9 The processing determinants for which loss of control would result in an unacceptable food quality risks is-----
- 10 Prevention of spread of diseases on account of international movement of plants and animals and their products is done through -----agreement

**II Write Short notes on ANY FIVE of the following**

**(5x2=10)**

- 1 Different types of Hazards
- 2 Traceability requirement
- 3 Kaizen
- 4 List out main international standards
- 5 Structure of risk analysis
- 6 Different elements of TQM
- 7 Different steps in quality monitoring.

**III Answer ANY FIVE of the following**

**(5x4=20)**

- 1 List out common CCPs for biological hazards.
- 2 Why are food standards required?
- 3 Write the seven principles of HACCP.
- 4 Write about main provisions of PFA.
- 5 Distinguish between quality Control and quality Assurance
- 6 Brief note on Salient features of ISO.
- 7 Basic characteristics of traceability systems

**IV Write an essay on ANY ONE of the following**

**(1x10=10)**

- 1 Discuss in detail about Quality Assurance programmes.
2. Furnish a detailed account on implementation of Good Manufacturing Practices.

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