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Roll No. ....

**CC-802**

**M. Tech. EXAMINATION, May 2018**

(Third Semester)

(Re-appear Only)

FOOD TECHNOLOGY

FT603

Food Safety and Quality Control

*Time : 3 Hours]*

*[Maximum Marks : 75*

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Before answering the question-paper candidates should ensure that they have been supplied to correct and complete question-paper. No complaint, in this regard, will be entertained after the examination.

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**Note :** Attempt *Five* questions in all, selecting at least *one* question from each Unit. All questions carry equal marks.

(3-29/10)M-CC-802

**P.T.O.**

### Unit I

1. Describe TQM; importance and functions of quality control for food safety. **15**
2. (a) What is meant by food quality assurance ? Discuss its objectives and principles.  
(b) How general awareness can be rewarding for good hygienic and good management practices ?  **$7\frac{1}{2} \times 2 = 15$**

### Unit II

3. Write short notes on the following :  **$7\frac{1}{2} \times 2 = 15$** 
  - (a) Statistical Quality Control
  - (b) Methods of Evaluation of Food Adulterants.
4. Discuss microscopic and chemical methods for assessment of microbes in foods. **15**

### Unit III

5. (a) Explain the concept of food traceability for food safety.  
(b) Expand HACCP.  **$7\frac{1}{2} \times 2 = 15$**

6. Describe salient provision and prospects of Food Safety and Standards Act, 2006. **15**

### Unit IV

7. Write about the following :  **$5 \times 3 = 15$** 
  - (a) ISO 9000 Series
  - (b) Codex Alimentarius Commission
  - (c) FSSAI.
8. (a) Outline an account on SPS and TBT agreements.  
(b) Discuss role of BIS in food safety as Regulatory Agency.  **$7\frac{1}{2} \times 2 = 15$**