Reg.No. \_\_\_\_\_\_\_\_\_\_\_\_



**UNIVERSITY**

(Karunya Institute of Technology & Sciences)

(Declared as Deemed-to-be University under Sec.3 of the UGC Act, 1956)

**End Semester Examination – Nov/Dec – 2016**

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|  |  | **Semester :** | **2016-17 ODD** |
| **Code :** | **14FP2018** | **Duration :** | **3hrs** |
| **Sub. Name :** | **FOOD SAFETY REGULATIONS** | **Max. marks :** | **100** |

**ANSWER ALL QUESTIONS (5 x 20 = 100 Marks)**

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| **Q. No.** | **Sub Div.** | **Questions** | **Course**  **Outcome** | **Marks** |
| 1. | a. | Summarise the labelling provisions of Irradiated foods as provided by the European Union and other global regulators. | CO2 | 10 |
| b. | Categorise the consumer perspective on labelling. | CO1 | 10 |
| (OR) | | | | |
| 2. | a. | Write a note the labelling regulations for GMO foods. | CO2 | 10 |
| b. | Paraphrase the manufacturers and legislators perspective on labelling. | CO1 | 10 |
| 3. | a. | Recall the different BIS standards for water.Classify how BIS describes water w.r.t source, disinfection, remineralization and packaging. | CO2 | 10 |
| b. | Specify the scheme of testing of packaged drinking water. | CO3 | 10 |
| (OR) | | | | |
| 4. | a. | Summarise and elaborate upon the mandate of WTO. | CO1 | 10 |
| b. | Reconstruct the process of production of packaged drinking water. | CO2 | 10 |
| 5. | a. | Paraphrase the penalties that are levied on manufacturers under the AGMARK. | CO2 | 10 |
| b. | Specify the filling system that is followed by the BIS. | CO2 | 10 |
| (OR) | | | | |
| 6. | a. | Describe the organizational setup of the Food Authority of India. | CO1 | 15 |
| b. | Differentiate the following terms with examples; mislabeled and misbranded. | CO3 | 5 |
| 7. | a. | What are the functions of the ICGFI and summaries the achievements of the ICGFI since its inception? | CO2 | 10 |
| b. | How does a bill become a Codex? What is the format for developing a Codex for a specific commodity? | CO3 | 10 |
| (OR) | | | | |
| 8. | a. | Categorise the subsidiary bodies that work under the Codex Alimentarius Commission? What are their specific role in rule making and governance? | CO2 | 10 |
| b. | Describe the principles of HAACP and how HACCP functions in practice. | CO3 | 10 |
|  | | **Compulsory:** |  |  |
| 9. | a. | Summarise the functioning of the PFA through its three tier organizational structure. | CO2 | 10 |
| b. | Recognise and describe how the World Health Organization functions in an ever changing global scenario. | CO1 | 10 |

ALL THE BEST