

# Question Paper Code : 5689

M.Sc. (Semester-IV) Examination, 2018

**NUTRITION**

**(Second Paper)**

**( Food Product Development )**

**Time : Three Hours]**

**[Maximum Marks : 70**

**Note :** Answer **five** questions in all. Question **No.1** is **compulsory** . Besides this, one question is to be attempted from each unit.

1. Write short notes on the following : [3x10=30]
- (a) FSSAI
  - (b) Four P's of marketing
  - (c) Composite score
  - (d) Food premixes and their nutritional significance
  - (e) Types of Food labels
  - (f) Objective evaluation of food
  - (g) Insulated transportation

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[P.T.O.]

- (h) Purpose of an advertisement
- (i) Selection of plant location
- (j) Costing of product

#### UNIT-I

- 2. Discuss the significance of Therapeutic Food Product Development . Also mention various dimensions of food consumption pattern. [10]
- 3. Write briefly on the following : [10]
  - (a) Ways for minimizing unconventional post harvest process.
  - (b) Role of social transitions on Diet Pattern

#### UNIT-II

- 4. Enlist important traditional foods with their nutritional significance and explain the need for their revival in the context of western non-traditional foods. [10]
- 5. Comment on the following : [5+5=10]
  - (a) Secondary Processing Techniques
  - (b) Standardization of Food Products

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#### UNIT-III

- 6. Justify the given statement : [5+5=10]
  - (a) "Adequate sensory evaluation determines the acceptance of a new food product."
  - (b) "Improper Packaging material" may create a health hazard.
- 7. Discuss optimization of transportation and various factors affecting it. [10]

#### UNIT-IV

- 8. Write in detail about existing Food laws, their relevance and characteristic features. [10]
- 9. Write notes on the following : [5+5=10]
  - (a) Functions, types and characteristics of Advertisement.
  - (b) Definition of entrepreneurship and its basic elements.

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