

Reg. No. : .....

Name : .....

**Second Semester M.Sc. Degree Examination, May 2020**

**Branch : Home Science**

**X D – Food and Nutrition**

**Paper VII : HS 223 D : ADVANCED FOOD TECHNOLOGY AND  
ENGINEERING**

**(2018 Admission onwards)**

Time : 3 Hours

Max. Marks : 75

**PART I**

All questions carry **equal** marks. No answer should exceed **4** pages.

1. (a) Explain the processing technology of cereals.  
Or  
(b) Detail the impact of biotechnology on the nutritional quality of foods.
2. (a) Write an essay on the processing technology of oilseeds.  
Or  
(b) Elaborate on various packaging material used in the food industry.

**(2 × 15 = 30 Marks)**

**PART II**

All questions carry **equal** marks. No answer should exceed **4** pages.

3. (a) Write an essay on Xenobiotics.  
Or  
(b) Discuss in detail special milk products.

P.T.O.



4. (a) Discuss the processing of tea.

Or

(b) What is food freezing? Elaborate on types of freezing.

**(2 × 10 = 20 Marks)**

### PART III

5. Write any **five** of the following each not exceeding **2** pages.

(a) Textured Protein Products

(b) Dried Egg Powder

(c) Classification of food

(d) Single Cell Proteins

(e) Nanotechnology in Foods.

(f) Role of Food Corporation of India.

(g) Nutrigenomics

**(5 × 5 = 25 Marks)**

