

Reg. No. :

Name :

Second Semester M.Sc. Degree Examination, July 2019**Home Science****X D – Food and Nutrition****Paper VII – HS 223 D – ADVANCED FOOD TECHNOLOGY AND ENGINEERING**

(2018 Admn)

Time : 3 Hours

Max. Marks : 75

PART – IAll questions carry equal marks. No answer should exceed **4** pages.

1. (a) Explain the processing technology of pulses.

OR

- (b) Detail the application of freezing system in meat and fish processing.

2. (a) Write an essay on the types and processing technology of wine.

OR

- (b) Elaborate on the role of Post-harvest technology in reducing food loss in the post-harvest period.

(2 × 15 = 30 Marks)

PART – IIAll questions carry equal marks. No answer should exceed **four** pages.

3. (a) Write an essay on Nutraceuticals.

OR

- (b) Discuss in detail any two mechanical operations in food engineering

P.T.O.



4. (a) Comment on the technology of carbonated beverages.

OR

(b) Elaborate on the storage of grains in India.

(2 × 10 = 20 Marks)

PART – III

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

- (a) Avorio Process
- (b) Quality parameters of Egg.
- (c) Espresso and Instant Coffee
- (d) Cryogenic Freezing and its applications.
- (e) Types of Tea
- (f) Novel Proteins
- (g) Breakfast Cereals

(5 × 5 = 25 Marks)

