

[This question paper contains 2 printed pages.]

Your Roll No.....

Sr. No. of Question Paper : 4618 L

Unique Paper Code : 2206000014

Name of the Paper : Minimal Food Processing

Name of the Course : SEC

Semester : II/IV/VI

Duration : 1 Hour

Maximum Marks : 30

Instructions for Candidates

1. Write your Roll No. on the top immediately on receipt of this question paper.
2. Question No. 1 is compulsory. Attempt **three** questions in all.

1. Define the following (Any **Five**) : (5×2=10)

(a) Minimal Processing

(b) Pulsed Electric Field

(c) Refrigeration

(d) Sous Vide

(e) Irradiation

(f) Freeze Drying

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2. Explain the importance of refrigeration and freezing in minimal food processing. (10)
3. Describe the principle and applications of Pulsed Light Technology. (10)
4. Discuss physiological responses and biochemical changes in minimally processed foods. (10)
5. Differentiate between the following (Any **One**) : (10)

(a) High Pressure Processing and Ohmic Heating.

(b) Traditional vs. Advanced Minimal Processing Technologies.

P.T.O.

(400)

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