

ASSIGNMENT SET - II

Department of Nutrition

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Mahavidyalaya



B.VOC(BVFP)Semester-II

PaperCode:BVFP202

Answer all the questions

UNIT I

1. Describe the basic principle behind the operation of a homogenizer.
2. What is a single-effect evaporator, and how does it differ from multi-effect evaporators?
3. What is the primary function of a seaming machine in the canning industry?

UNIT II

1. Describe the working principle of plate freezers.

UNIT III

1. Describe the working principle of a roller dryer.
2. Explain the principle of freeze drying

UNIT IV

1. What is the primary difference between single-screw and twin-screw extruders?
2. Describe the basic principles of an oil expeller.

UNIT V

1. Explain the working principle of centrifugal pumps.

UNIT VI

1. Describe the principle behind electro dialysis¹ and its application in separation processes.