

2021

B. Voc. (Food Processing and Preservation)

Fifth Semester

FPP-505: Production Optimization and Cost Efficiency

Time allowed: 3 Hours

Max. Marks: 40

NOTE: Attempt five questions in all, including Question No. 1 which is compulsory and selecting one question from each Unit.

x-x-x

I. Answer the following:-

- a) What do you mean by Change over Time?
 - b) How to estimate energy usage requirement in food industry?
 - c) List down the methods for impact evaluation on product quality.
 - d) What is vendor rating
- (4x2)

UNIT – I

II. What factors are responsible in performance of production and further leading in improvement opportunities?
(8)

III. Explain the following:-

- a) Steps involved in Production Process
 - b) Analysis of Equipment Performance
- (2x4)

UNIT – II

IV. Explain the following:-

- a) What are the types of production utilities in food industry?
 - b) List down the Energy conservation guidelines in food industry.
- (2x4)

V. Describe:

- a) Explain the procedure for promotion of optimum utilities usage.
 - b) Brief about the methods for promoting renewable and efficient resource and utilities management.
- (2x4)

UNIT – III

VI. Production process optimization does include various crucial steps involved in it. Explain those steps.
(8)

P.T.O.

(2)

VII. Discuss the following: -

- a) Obligation with change management resource
- b) Documentation of production process changes (2x4)

UNIT – IV

VIII. Inventory control techniques help an organization to save time, effort and money spent on inventory. Elaborate the statement by describing various inventory control techniques. (8)

- IX. a) How customer feedback is important in purchasing management?
- b) Explain the concept of Purchasing Cycle? (2x4)