

2022
B. Voc. (Food Science and Technology)
Fifth Semester
FST-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. Attempt the following:-

- a) What is change over time?
- b) What is meant by product utilities in food industry?
- c) What is impact evaluation?
- d) Write the importance of inventory control?

(4 x 2)

UNIT 1

II What are the factors affecting performance of production?

(8)

III Write the parameters used to analyse equipment performance.

(8)

UNIT II

IV Describe the energy conservation guidelines in food industry.

(8)

V What are the methods for promoting optimum utilisation usage?

(8)

UNIT III

VI Explain different steps in production process optimisation.

(8)

VII How is impact evaluation on production quality done?

(8)

UNIT IV

VIII What is ABC analysis? Why is it done?

(8)

IX How is purchasing management done?

(8)

x-x-x