

2123

M. Voc. (Fashion Technology and Apparel Design)

Fourth Semester

FTD-1005: Production Planning and Control Pattern Making for Functional Clothing (Theory)

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 is volume of Production?
- b) What are requirements of effective Production planning and control?
- c) What is line planning?
- d) What is SAM? How is SAM value calculated? (4x2)

**UNIT - I**

- II. What is production planning? Explain its importance. What are the elements of production control? (8)
- III. Explain stages of Production Planning and Control. (8)

**UNIT - II**

- IV. What is Tactical Planning? Discuss its types and advantages of such planning. (8)
- V. Define the following terms:-
  - a) Forward scheduling
  - b) Input-Output Control
  - c) Operational Planning
  - d) Production activity control (8)

**UNIT - III**

- VI. Explain Flexible manufacturing strategy and Value-added manufacturing strategy. (8)
- VII. Explain the role of PPC department in Garment Industry. (8)

P.T.O.



(2)

**UNIT - IV**

VIII. Explain the following terms:

a) Cut to ship ratio

b) Lead time

c) Micro motion

d) Lead time

(8)

IX. What is work study? Explain its objectives, importance, and procedures.

(8)

x-x-x