

Register Number.....

**M.TECH. DEGREE EXAMINATIONS: DECEMBER 2009**

First Semester

**APPAREL TECHNOLOGY AND MANAGEMENT**

FTY504: Apparel Production Management

**Time: Three Hours**

**Maximum Marks: 100**

**Answer All the Questions:-**

**PART A (10 x 2 = 20 Marks)**

1. Enumerate apparel production parameters
2. Mention any four strategies for improving productivity in an apparel Industry.
3. State the functions of production planning and control in an apparel industry
4. What is meant by progressive bundle system? Give an example.
5. What is virtual prototyping?
6. State the importance and need for creative designs in getting export orders.
7. How the alignment of plies affects the fabric consumption in lay making?
8. What is the purpose of bundling and ticketing?
9. Write the steps involved in evaluating cutting equipments.
10. What are the factors to be considered in selecting machinery for a new factory?

**PART B (5 x 16 = 80 Marks)**

11. (a) Explain the method of analyzing production with respect to quality and quantity.

**(OR)**

- (b) Elaborate on the importance and distribution of documents and records for production control.

12. (a) Elaborate on the production preplanning processes carried out before execution of an order.

**(OR)**

- (b) Enumerate the steps involved in converting a creative design into production model.

13. (a) Explain in detail about the principles of scheduling and scheduling charts.

**(OR)**

(b) Explain in detail about the subassembly production systems for executing Men's T Shirt order.

14. (a) Discuss on the strategies involved in the cut order planning for three sizes of garments with equal and differing order quantity.

**(OR)**

(b) Analyze on the specific objectives of spreading and the method of achieving the same.

15. (a) Explain the method of determination of manpower and machinery requirements for balanced production in apparel industry with an example.

**(OR)**

(b) Explain the method of line balancing techniques with an example from apparel industry.

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