

B.TECH. DEGREE EXAMINATIONS: NOV/DEC 2010

Sixth Semester

TEXTILE TECHNOLOGY (FASHION TECHNOLOGY)

U07FT601: Apparel Production Planning and Control

Time: Three Hours

Maximum Marks: 100

Answer ALL Questions:-

PART A (10 x 1 = 10 Marks)

1. _____ is creating a particular product for a specified buyer.
a) Scheduling b) Layout c) Product development d) Production planning
2. PDM stands for _____
a) Product development management b) Product design management
c) Product data Management d) Product decoding management
3. When the machine are arranged in one line depending upon the sequence of operation required for the product, it is called _____
a) Process lay out b) Product lay out c) Basic Lay out d) Permanent layout
4. Specification sheet consists of _____ and _____
a) Securing thread and fabric specification b) Machine and thread
c) Garment style and process specification d) Production cost and production price
5. _____ help to hasten the process of garment manufacture.
a) Spreading b) Ticketing c) Attachments d) Packing
6. The _____ shows the sequence of operations in apparel production.
a) Process grid b) Flow Process chart c) Schedule Chart d) Cutting schedule chart

7. _____ is the joining of two fabrics after eliminating the defects in the fabrics during spreading.
- a) Lay lot planning b) Marker Planning c) Ticketing d) Splicing
8. The operation breakdown is used to cost garments and establish the work flow for each _____
- a) Style b) Person c) Process d) Production
9. If the garment unit has 100 sewing operators, the overall manpower requirement in the garment unit is _____
- a)250 b)225 c)275 d)200
- 10 _____ is maintaining the same level of inventory in every work station at any point of time
- a) Stock taking b)Sampling c) Line Balancing d) Production control

PART B (10 x 2=20 Marks)

11. What is meant by lead time sample?
12. Discuss product data management.
13. Define Plant layout.
14. List the factor that influence the plant lay out?
15. List out any four special attachments required for garment making.
16. List the advantages of lay lot planning.
17. List out the different apparel manufacturing systems.
18. Mention any two spreading techniques for check and stripe fabrics.
19. What do you mean Bundle Tickets?
20. Give a diagrammatical representation for material and information flow in apparel production.

PART C (5 x 14=70 Marks)

21. a) Explain in brief the steps in product development.

(OR)

- b) Discuss the importance of pre-production of activities.

22. a) Write a brief account on types of lay-out.

(OR)

b) Explain the salient features of an effective plant layout.

23. a) Give the break down with machine and attachment details for men's shirt.

(OR)

b) Give the break down with machine and attachment details for ladies skirt.

24. a) Write short notes on batch garment manufacturing systems with its advantages and disadvantages.

(OR)

b) Discuss in detail on Straight-line or 'synchro' system

25. a) What is line balancing? Explain in detail.

(OR)

b) Describe the methods of allocating man power requirement to a garment factor.
