



Name : .....

Roll No. : .....

Invigilator's Signature : .....

**CS/B.Tech(APM)/SEM-5/APM-503/2009-10  
2009**

**APPAREL PRODUCTION CONTROL**

Time Allotted : 3 Hours

Full Marks : 70

*The figures in the margin indicate full marks.*

*Candidates are required to give their answers in their own words  
as far as practicable.*

**GROUP – A**

**( Objective Type Questions )**

1. Mark *True* or *False* marking against each of the following statements : 10 × 1 = 10

- i) Proto-sample is the first step of sampling.
- ii) Pre-production sample is done for costing purpose.
- iii) 4 thread o/lock machine is 500 class of stitch.
- iv) Trim card has only fabric sample as reference.
- v) Work study is combination of method study and time study.
- vi) PPC stands for production, planning and control.



- vii) SMV stands for standard minute value.
- viii) Block cutting is done for solid fabric.
- ix) For corduroy fabric the spreading technique to be followed is nap both way, and face up and down.
- x) Superimpose seam is the strongest class of seam.

### GROUP – B

#### ( Short Answer Type Questions )

Answer any *three* of the following.  $3 \times 5 = 15$

2. What is cut order planning ? What are the objectives of cut order planning ? What is line balancing ?  $1 + 2 + 2$

3. Prepare one cut order plan for the following order :

<b>Sizes :</b>	4	6	8	10	12	14
<b>Quantity :</b>	3000	6000	6000	6000	3000	3000

4. What is bundling and ticketing in a sewing factory ? What are the information included in a ticket ? How does bundling and ticketing help to have better production management in a sewing factory ?  $1 + 2 + 2$

5. What are different manufacturing systems for apparel making ? What are the advantages and disadvantages of make through and assembly line manufacturing system ?  $2 + 3$

6. What is time study ? What is basic time ? How is standard minute value arrived ?  $1 + 1 + 3$



**GROUP – C**

**( Long Answer Type Questions )**

Answer any *three* of the following.

3 × 15 = 45

7. a) What is the importance of pre-production activities ? 2
- b) What are the activities that come under pre-production activities ? 2
- c) What are the different stages of sampling of apparel for an export house ? Mention the objective and time line of each of the sampling stages. 8
- d) What are the different samples involved for fabric sourcing ? 3
8. a) What is tech pack ? 2
- b) What do you can interpret from spec sheet ? 5
- c) What are the technical details provided in the tech pack ? 5
- d) What is lead time for an order ? 3



9. a) What is time and action plan ? 3
- b) As a merchandiser of an apparel export house you received an order confirmation on 12th of December, 2009. Your lead time for order execution is 90 days. Plan for the time line for the following activities : 12
- i) proto-sampling and costing
  - ii) Fabric sourcing and all the activities related to fabric sourcing
  - iii) Pre-production meeting
  - iv) APA and PPS sampling activity.
10. a) What is operation breakdown for an apparel ? 3
- b) Prepare an operation breakdown chart for a full sleeve shirt with patch pocket on left front. 12
11. Give a flow-chart for production of men-shirt or trouser and show at each stage the process/production control parameters.

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