

Name :

Roll No. :

Invigilator's Signature :

CS/B.Tech (APM)/SEM-4/APM-406/2010

2010

PATTERN MAKING

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

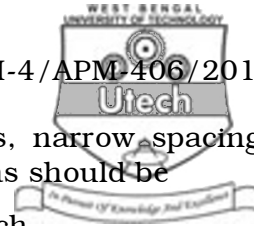
(Multiple Choice Type Questions)

1. Choose the correct alternatives for the following : $10 \times 1 = 10$

- i) What do you mean by 'seamless' pattern ?
- a) Pattern without seam or hem allowances
 - b) Pattern without any stitch mark
 - c) Pattern for seamless garments
 - d) None of these.
- ii) Variable seam allowance $\left(\frac{1}{2} \text{ inch to } 1\frac{1}{2} \text{ inches} \right)$ is usually used for
- a) Sleeveless armholes
 - b) Waist lines
 - c) Centre lines
 - d) Placket or zipper openings.



- iii) '+' mark is usually used to indicate
- a) Cross grain
 - b) Centre front
 - c) Front sleeve positioning notch
 - d) Original starting point.
- iv) 'Kimono sleeve' represents
- a) Loose fitting
 - b) Tight fitting
 - c) Fully fashioned
 - d) Half sleeve.
- v) 'Peterpan' is a special style of
- a) Yoke
 - b) Sleeve
 - c) Collar
 - d) Placket.
- vi) A design pattern is
- a) The original pattern set
 - b) The finished pattern that contains all the features related to the design
 - c) The pattern which has very intricate design element
 - d) None of these.
- vii) The three major pattern making principles are
- a) Taking measurements, added fullness, dart manipulation
 - b) Shape, seam allowances, landmarks
 - c) Dart manipulation, added fullness, contouring
 - d) Dart manipulation, contouring, taking measurements.



viii) Seam allowances for extreme curves, narrow spacing, sleeveless armholes and all faced areas should be

- | | |
|-----------------------|------------------------|
| a) $\frac{1}{4}$ inch | b) 1 inch |
| c) $\frac{1}{2}$ inch | d) $\frac{3}{4}$ inch. |

ix) The basic pattern set comprises of

- Basic blouse, basic skirt, basic sleeve
- Basic skirt and basic bodice
- Basic bodice, basic skirt, basic sleeve
- Only basic bodice.

x) Pieces cut means

- Number of pieces to be cut from each pattern to complete the garment
- Number of pieces to be cut according to design
- Number of pieces to be cut from the lay
- None of these.

GROUP – B

(Short Answer Type Questions)

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

- Mention different types of collar or sleeve variations with simple illustrations. 5
- What do you mean by grain line ? Illustrate different types of grain with suitable diagram and their applications. 5
- Write short notes on any *one* of the following : 1×5
 - Notch
 - Dart
 - Gather.
- Explain the principles of computerised grading of Apparels. 5
- What do you mean by Working Patterns & Marker Planning ? State their requirement and importance. $2 + 3$
- What is added fullness ? How is fullness and fit of the cloth to be admitted ? $2 + 3$



GROUP – C

(Long Answer Type Questions)

Answer any *three* of the following. $3 \times 15 = 45$

8. Draw and describe the measurements required to draft a basic block for Men's shirt (upper wear). Explain the method of drafting a basic bodice block for men's upper wear (shirt) using any standard size chart. 15
9. Draw and explain the different types of collar or pocket variations with suitable diagrams and their special features.
10. What do you mean by "Raglan sleeve" and "Kimono sleeve" ? Illustrate the pattern drafting & grading techniques for a "Raglan sleeve" or "Kimono sleeve". 15
11. What is manipulation of dart ? What are the different methods of main pulsation of dart ? Write in detail with diagram for garment making ? 15
12. What are the correct method of taking measurements ? Discuss the various components of men's shirt, mentioning mentality dimensional measurement, shape, and position of each component. 7 + 8
13. Discuss the role of Pattern and Markers for garment designing and manufacturing. What is marker efficiency ? Define and discuss it. Draw and describe how a pattern is prepared for any particular garment from standard size chart, with the help of required information and tools.

4 + 4 + 2 + 5
