

B.TECH. DEGREE EXAMINATIONS: NOV/DEC 2010

Third Semester

FASHION TECHNOLOGY

FTY105: Pattern Engineering

Time: Three Hours

Maximum Marks: 100

Answer ALL Questions:-

PART A (10 x 1 = 10 Marks)

1. Which one of the following pattern making tool is used to shape the inner leg seam of a trouser.
A) L - Scale B) Shaping curve C) French curve D) Awl
2. The moulding of fabric on a dummy in order to develop a garment is termed as.
_____ B) Draping C) Flat pattern techniques D) Grading
3. Which one of the following fabric is termed as bifurcated garment?
A) Skirt B) Shirt C) Bermuda D) kameez
4. The cut number for a Chinese collar pattern inclusive of the interlining is _____.
A) Two B) Three C) Four D) One
5. Which one of the following grain is used for draping cowl neck?
A) Straight B) Cross C) Bias D) Combination
6. Which one of the following collar is draped along with the bodice?
A) Peter pan B) Shirt C) Shawl D) Chinese
7. The flat pattern technique that involves thumb tacking method is called as _____.
A) Pivot B) Slash and spread C) Measurement D) Slash and overlap
8. Which one of the following fullness gives shape to the garment?
A) Dart B) Pleats C) Gathers D) Shirring
9. In order to alter the bodice pattern for a tall girl, the pattern should be cut in _____ direction, to increase the length of the bodice
A) Vertical B) Horizontal C) Both horizontal and vertical D) Diagonal
10. The increase and decrease in the size of the pattern proportionately is called as _____.
A) Grading B) Draping C) Flat pattern technique D) Drafting

PART B (10 x 2 = 20 Marks)

11. Write a note on commercial pattern.
12. Enumerate the steps in standardizing the body measurements.
13. List out the body measurements required to draft skirt pattern.
14. Mention the recommended seam allowance at the side seam and neck seam for constructing a woven garment using single needle lock stitch machine.
15. List out any two main tools used for draping and its applications.
16. Illustrate a female dummy and mark the major demarcation lines for draping a garment.
17. Define dart manipulation.
18. Enumerate the steps in dividing the darts in the same seam line using measurement method.
19. Enlist any two principles of pattern alteration.
20. "Two dimensional grading is suitable for semi/loose fitted garments". Justify the statement.

PART C (5 x 14 = 70 Marks)

21. a) Explain any two methods of making patterns with an example each.

(OR)

b) Describe any seven main tools used for drafting and its applications with neat illustrations.

22. a) Explain the steps in drafting a basic bodice pattern with a neat draft diagram.

(OR)

b) Design a casual wear for a teenage girl and discuss the 2-D patterns and pattern details of your design.

23. a) Explain the steps in draping a top and skirt with neat illustrations.

(OR)

b) Explain the steps in draping a cowl neck line and shawl collar with neat illustrations.

24. a) Explain the method of transferring and combining the darts using pivot technique with relevant illustrations.

(OR)

b) Explain the method of dividing darts and converting the darts into seam lines using slash and spread technique with neat illustrations.

25. a) Explain the method of alternating the basic bodice pattern (any four alterations) using slash and spread/overlap method with neat diagrams.

(OR)

b) Explain the method of grading a sleeve and skirt pattern with diagrams.
