

B.TECH DEGREE EXAMINATIONS: NOV/DEC 2010

Fifth Semester

TEXTILE TECHNOLOGY (FASHION TECHNOLOGY)

U07FT506: Knitwear Technology

Time: Three Hours

Maximum Marks: 100

Answer ALL Questions:-

PART A (10 x 1 = 10 Marks)

1. Identify the cut stitch shaped garment machinery in the following,
A) Sewing machines with special attachments B) Regular sewing machines
C) Conventional pedal machine D) circular knitting machine
2. To which group gloves belong,
A) Fully cut garments B) Fully fashioned garments
C) Integral garments D) Stitch shaped garments
3. Number of classes in seam classification are,
A) 6 classes B) 10 classes C) 4 classes D) 8 classes
4. In 3 thread overlock machines, the 3 threads are designated as
A) 1 Sinker thread, 2 looper threads B) 2 Needle threads, 1 looper thread
C) 1 Needle thread, 2 looper threads D) 1 Needle thread 2 sinker threads
5. For foundation garments, the most important quality of fabric is,
A) Elongation and elasticity B) Strength C) Thickness D) Colour fastness
6. Pick out the odd one from the following,
A) Panty hose B) T-Shirt C) Brief D) Vest
7. For outerwear garment, the most important quality requirement of fabric is,
A) Abrasion resistance B) Colour fastness C) Flawless D) Count of yarn
8. Special attachments are,
A) The machine parts supplied with machine exclusively for some purposes
B) Additional machines
C) Additional special fabrics attached to garment
D) Stitches that are used for special effects
9. In fully fashioned garment the shape generation is achieved by,
A) Altering the loop density at the edges B) Keeping the stitch density constant
C) Altering the loop density at the body D) Altering the structure of fabric

10. This facility is not available in small dia. circular knitting machines that produce socks
A) Stitch shaping B) Course shaping C) Wale shaping D) Needle shaping

PART B (10 x 2 = 20 Marks)

11. Mention the advantages of fully fashioned garments.
12. Write a brief note on seamless garmenting technique.
13. State any four properties of seams.
14. Write any two applications of stitches in knitted garments.
15. Give the quality requirements of sewing thread meant for foundation garments.
16. State any two attachments that are to be used in the production of foundation garments.
17. Mention the quality requirements of sewing thread for outerwear?
18. What are the special attachments to be used for making a knitted T shirt?
19. What are fully fashioned sweaters?
20. Write a brief note on wale shaping.

PART C (5 x 14 = 70 Marks)

21. (a) Classify the knitwear manufacturing machines with suitable examples.
(OR)
(b) What are seamless garment knitting machines? Explain in detail.
22. (a) Mention the different classes of seams and explain in detail with necessary sketches.
(OR)
(b) Give the classification of over lock machinery and describe in detail.
23. (a) Discuss the sewing thread quality requirements for foundation garments.
(OR)
(b) Write a note on (i) Briefs and (ii) Braziers.
24. (a) Describe the different types of knitted fabrics used in outerwear garments.
(OR)
(b) Give a detailed account on (i) T-shirt construction and (ii) Combo wear.
25. (a) Explain the basic techniques in integral garments manufacture.
(OR)
(b) Describe in detail i) Berets and ii) Slip overs.
