

M.TECH. DEGREE EXAMINATIONS: MAY / JUNE 2013

Second Semester

APPAREL TECHNOLOGY AND MANAGEMENT

FTY506: Advanced Knitwear Technology

Time: Three Hours

Maximum Marks: 100

Answer all the Questions:-

PART A (10 x 2 = 20 Marks)

1. What do you understand by fully Cut-Stitch-Shape Knitting Process?
2. What are the merits and demerits of seamless garment knitting machine?
3. Mention any two Stitch and Seam types which are best suitable for Knitted Intimate apparels.
4. How will you assess seam quality?
5. Give the fabric quality requirements of a combo wear.
6. Mention the basic quality requirement for a swim wear.
7. What do you understand by the Fully Fashioned Garments?
8. What are condigans?
9. State the various methods to alter the fabric GSM in knitting process?
10. "Spirality cannot be avoided in knitting process" Justify.

PART B (5 x 16 = 80 Marks)

11. a) Elaborate on the advancements in the modern knitting machines and their benefits.

(OR)

- b) (i) What are the advantages of multi-track knitting machines? (8)
- (ii) State the features of Integral garment knitting machines. (8)

12. a) With relevant sketches explain the various classes of stitches and seams.

(OR)

- b) Discuss briefly on the various special attachments used for producing Intimate Apparels and the machinery used for the same.

13. a) Explain in detail the production technique followed for a swimwear giving their fabric requirements for comfort and safety

(OR)

b) What are the parameters that to be considered while selecting fabric for Outerwear and for a Combo wear?

14. a) Explain the basic techniques used in the production of integral garments and highlight the technical specifications.

(OR)

b) Elaborate on the various Knitting machine types available with relation to shaping techniques.

15. a) Discuss in detail about Spirality in knitted fabrics and its effect on fabric quality. Give the causes and remedies for the same

(OR)

b) Elaborate on various Stitch, Seam and Assembling defects, and also discuss on their causes and remedies.
