

Roll No.

Total No. of Pages : 02

Total No. of Questions : 09

**B.Tech.(Textile) (2011 Onwards) (Sem.-8)**  
**GARMENT MANUFACTURING TECHNOLOGY**

Subject Code : BTTE-811

Paper ID : [72380]

Time : 3 Hrs.

Max. Marks : 60

**INSTRUCTIONS TO CANDIDATES :**

1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTION-B contains FIVE questions carrying FIVE marks each and students have to attempt any FOUR questions.
3. SECTION-C contains THREE questions carrying TEN marks each and students have to attempt any TWO questions.

**SECTION-A**

**Q.1 Answer briefly :**

- (a) What is the need of objective evaluation of fabrics?
- (b) What is feed Dog?
- (c) How the size of garment can be classified?
- (d) Write process- flow of knitted garment production system.
- (e) Draw only diagrams of Lock -stitch and Chain- stitch.
- (f) Define garment labeling system.
- (g) Differentiate functions of fashion designer, costume designer and pattern maker.
- (h) Define Grading of patterns. What is the importance of Grading?
- (i) What are the quality specifications for marker plan?
- (j) Briefly describe some possible ways for a Garment Industry to obtain ISO-9000 certificate.

### SECTION-B

- Q.2 What are the sewability and durability properties of sewing thread? Mention the advantages of hybrid sewing thread over conventional thread.
- Q.3 With neat diagram explain the working of lock-stitch sewing machine. What is the automation to be required for high production sewing machine, explain in details?
- Q.4 What are the raw materials used for different types of garments? Describe briefly the properties of common fibres that are used for children garments.
- Q.5 Explain in detail the sewing faults. Describe also the causes and remedies of various sewing faults.
- Q.6 What are the various production system and material handling equipments used in garment production, explain briefly?

### SECTION-C

- Q.7 Explain the quality control systems used in garment manufacturing unit. Write short notes on health and safety measures requires during garment production.
- Q.8 Explain in details with neat diagrams, various stitches and seams with their characteristics and uses. Discuss in detail the effect of stitching parameters and sewing thread parameters on seam quality of garment
- Q.9 Write short notes on following :
- (a) Garment dying and finishing.
  - (b) Garment comfort.