Register Number: ……………………..

B.TECH DEGREE EXAMINATIONS: NOV/DEC 2012

Seventh Semester

TEXTILE TECHNOLOGY

TTX120**:** Garment Technology

Time: Three Hours   **Maximum Marks: 100**

Answer all the Questions:-

PART A (10 x 1 = 10 Marks)

1.   The Pattern Count is

    a) No.of pattern pieces per size   b) No.of pattern pieces per style including all sizes

    c) No.of patterns per marker   d) No.of patterns per colour

2.   As the area of pattern pieces increases, the marker efficiency_____

    a)   Proportionately increase   b)   Inversely increase

    c)   Decreases   d)   Exponentially increases

3.   Purpose of Inter-Leaving Paper is for………..

    a)   Bundling   b)   Cutting

    c)   Weaving   d)   Packing

4.   Static electricity is produced when laying _____ fibre fabric.

    a)   Cotton   b)   Silk

    c)   Thermoplastic   d)   Banana

5.   Good appearance in a seam normally means….

    a)   Smooth Joins   b)   No missed or uneven stitches

    c)   No damage to the material being sewn   d)   All the three

6.   Pucker is a………..

    a)   Defect having wrinkled appearance   b)   Property requirement of seam

    c)   A function of sewing   d)   Phenomenon of sewing

7.   Progressive bundle system involves sequence of movements of

    a)   Bundles of garment parts   b)   Single garment part

    c)   Transporter system   d)   Sewing accessories

8.   Sewing needle thread is normally made of_____

    a)   Monofilament   b)   Multi filament

    c)   Polyester spun   d)   Nomex spun

9.   Which one is not the part of trims of a readymade garment?

    a) Tape   b)Zip fasteners   c)Shoulder pads   d) Pocket fabric

10. The component of fusing is_____
    a) Heat energy   b) An adhesive
    c) Supportive fabric   d) All the three

PART B (10 x 2 = 20 Marks)

11. Define: Head theory.

12. What is the importance of grain lines in a knitted fabric?

13. Give the definition on marker efficiency and write typical marker efficiency for a plain T shirt.

14. What are the various modern spreading methods available in the garment industry?

15. What is French seam and illustrate it?

16. Brief on drop feed system and Classify it.

17. Differentiate with at least four valid points: Progressive Bundle System (PBS) Vs Unit Production System (UPS)

18. Justify the necessity of buffer in production departments of a apparel unit.

19. What are rivets and eyelets?

20. Give notes on buttons and snap fasteners.

PART C (5 x 14 = 70 Marks)

21. a)   Develop a pattern for shirt and trouser for men's wear with middle size specifications

(OR)

    b)   Develop a pattern for skirt of children wear with medium size specifications

22. a) (i) Elaborate on the requirements and methods of marker planning   (10)
       (ii) List the advantages of computer aided marker planning   (4)

(OR)

    b)   Describe about the methods and machines used in cutting section of garment industry with suitable diagrams.

23. a) (i) Elaborate on the quality requirements, fiber types and construction of sewing (9) threads meant for apparel grade fabrics.
       (ii) Detail on various finishes and packages meant for sewing threads.   (5)

(OR)

b)   Explain about the parts, sizes and classification of industrial sewing needles with suitable diagram.

24. a) (i) Give a detailed note on types and components of garment packing meant for export. (10)

         (ii) Write about the modular production system (MPS) (4)

<center>**(OR)**</center>

b)   Narrate on the means, equipment and methods of garment pressing

25. a) (i) Brief on the each of the trim being used in apparel industry: Labels, Motifs, Linings, Interlinings and Fusible interlinings. (10)

         (ii) Give short notes on laces and braid (4)

<center>**(OR)**</center>

b)   Describe about various means and equipment meant for fusing of garments with schematic diagrams.

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