

B.TECH DEGREE EXAMINATIONS: APRIL/MAY 2014

(Regulation 2009)

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. Normal seam allowances in the garments ranges from_____
 - a) 1cm
 - b) 0.25cm
 - c) 3cm
 - d) 4cm
2. A Bermuda constitutes _____ number of heads
 - a) 2 head
 - b) 3 head
 - c) 4 head
 - d) 6 head
3. Face to Face spread usually done for_____
 - a) One way fabrics
 - b) plain fabrics
 - c) Printed fabrics
 - d) Pile fabrics
4. During cutting the edge fusing happens due to
 - a) Blunt knife
 - b) Heat generation in knife
 - c) Speed of the knife
 - d) Damaged knife
5. _____ Stitch is chosen for sewing in seam in trousers
 - a) Lock stitch
 - b) basting stitch
 - c) hand stitch
 - d) overlock stitch
6. _____ type of needle used for sewing knitted garments
 - a) wedge shape needle
 - b) compound needle
 - c) latch needle
 - d) Ball point needle
7. _____ Production system followed in woven garment industry
 - a) Batch system
 - b) Process system
 - c) Product system
 - d) Group system
8. _____ type of packing done for formal shirts
 - a) Dead man fold
 - b) Hanger pack
 - c) Standup pack
 - d) Flat pack
9. Rivets are used for _____

- a) Reinforcements
 - b) Fitting
 - c) Closures
 - d) Aesthetic
10. Fusing quality depends on_____
- a) process parameters
 - b) base material
 - c) fusing material
 - d) all the above

PART B (10 x 2 = 20 Marks)

11. What is Pattern Engineering?
12. Define Marker Efficiency.
13. Differentiate Drafting and Grading.
14. Give an example for one way and two way fabrics.
15. Classify stitches and seams.
16. Mention the various feed system available in sewing machine.
17. What is Line Balancing?
18. What do you mean by Lean Manufacturing production system?
19. State the importance of Lining.
20. List out any four quality requirements of a button.

PART C (5 x 14 = 70 Marks)

21. a) Draft the patterns for Men's shirt (assume relevant data's).

(OR)

- b) Explain with illustration the Eight Head and Ten Head Theory.

22. a) Discuss the requirements and methods of marker planning and explain the ways to increase the marker efficiency.

(OR)

- b) Explain the working principle of Band knife cutting machine with a neat diagram.

23. a) Explain the parts and functions of Single needle lock stitch machine with an

illustration.

(OR)

- b) With a neat diagram explain the parts of the sewing needle and classify with respect to the type of the fabrics.

24. a) Explain the concepts of progressive bundle system with a diagram and state its merits and demerits.

(OR)

- b) Explain the various Pressing and Packing methods in garment industry.

25. a) Give an brief account on Fusing methods and equipment in garment industry.

(OR)

- b) Write short notes on i) Buttons and Zippers ii) Linings.
