

DEPARTMENT OF TEXTILE TECHNOLOGY
MAJOR EXAMINATION
(TTL 351) APPAREL TECHNOLOGY

2nd of May 2008
8:00 AM - 10:00AM
MM: 30

Answer all questions in sequence.

Q1. A manufacturer is planning to set up a factory for manufacturing high fashion men's suits. Which production system should he adopt? Justify your choice and give the pros and cons of the selected system. (2)

Q2. Give a) 3 critical considerations in choice of interlining for a given fabric type b) 3 problems that can occur in fusing. (3)

Q3. Define (2x3)

- a) A dart and give 3 characteristics of the same.
- b) A basic block and give 3 ways in which the same can be manipulated.
- c) Shear rigidity; how does it affect the quality of garments produced?

Q4. How will you identify if the pucker in a seam is due to the following? Suggest remedies in each case: (2x3)

- a) Feeding pucker
- b) Pucker due to fabric jamming

Q5. Name the stitch type and the seam class to be used in the following applications, justify your choice and give the seam diagram in each case. (2x3)

- a) Finishing the round neck of a mens' vest
- b) Side seam of mens' dress shirt
- c) Attaching a belt to a trouser top

Q6. Differentiate between: (1x3)

- a) Lock stitch and chain stitch
- b) Overedge chain stitch and covering chain stitch
- c) Post bed and raised bed machine
- d) Ball point and set point needle

Q7. Describe how are the motions in a sewing machine synchronized. (2)

Q8. If a seam has skipped stitches, what could be the cause and remedy? (2)