

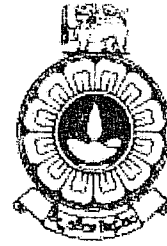
THE OPEN UNIVERSITY OF SRI LANKA

BACHELOR OF INDUSTRIAL STUDIES

FINAL EXAMINATION - 2006/2007

TTI5145 FOUNDATION GARMENTS

DURATION – THREE HOURS



024

DATE: 20th March 2007

TIME: 0930 – 1230 HOURS

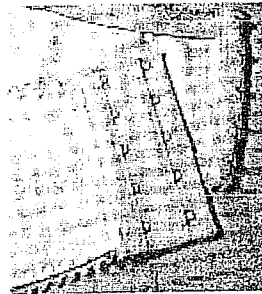
Total Number of questions =09 Number of questions to be answered = 06
Answer Question 1, which is compulsory and additional five (5) questions.
Question 1 carries twenty-five (25) marks.

- (1) (a) "Certain foundation garments are detrimental to health". Briefly explain this statement with two examples.
- (b) "Underwear can enhance wearer's affirmativeness". Explain this statement with two examples.
- (c) Name four reasons, why women wear brassieres?
- (d) What is the difference between Briefs and Boxers?
- (e) Why do women wear corsets?
- (f) State four properties of micro fibres
- (g) Write six measurements required to knit a stocking.
- (h) Write five advantages of the welding process compared to the assembly of garment parts by sewing.
- (i) Write four characteristics of fabrics that are changed during the moulding process.
- (j) Different organisations have formulated quality standards for garment industry. Name four such organisations.

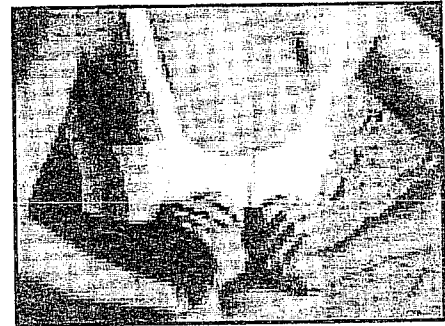
- (2) With the help of suitable examples, explain in detail, the functions of foundation garments. (15 marks)
- (3) Discuss the special features that are found in sewing machines that are used to sew foundation garments. (15 marks)
- (4) Figure 1 shows a photograph of a padded brassier.



Front view



Method of fastening



Back view

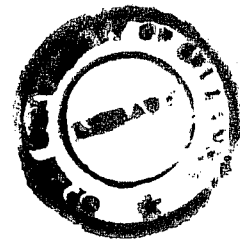
Figure 1

Write the operational breakdown and machines required to sew this bra. What are the seam types used for each operation? (15 marks)

- (5) Figure 2 shows a strapped bra cut night dress.



Figure 2



Write the construction steps to develop patterns for this night dress.

Assume that you are provided with one piece dress block pattern.

(15 marks)

- 5) (a) What are the differences between corsets and girdles? (3 marks)
- (b) Using clear diagrams, illustrate three possible style variations of Bikini. State the specific style variations seen in each of these styles. (3 marks)
- (c) What are the measurements required to construct pattern pieces for a bikini. (2 marks)
- (d) Explain the method of constructing patterns for one style of a bikini that you have mentioned in part (b). (7 marks)

- (7) (a) Explain two different styles of men's lower body under wears. State the body measurements required to construct patterns for each of them. (8 marks)
- (b) Explain two different styles of men's vests. State the body measurements required to construct patterns for each of them. (7 marks)
- (8) (a) Explain three tests that should be done for inspecting the quality of incoming fabrics which are used to sew foundation garments. (9 marks)
- (b) List out the quality points that should be checked for the following accessories before they are attached to garments. (6 marks)
- (i) Zippers
 - (ii) Buttons
- (9) (a) Perfect fit is very important in the case of foundation garments. Explain the points that should be considered in the evaluation of fit of foundation garments. (8 marks)
- (b) Other than checking for the fit, what are the guidelines that factories use to check the quality of a panty? (7 marks)



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