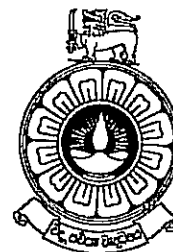


THE OPEN UNIVERSITY OF SRI LANKA
 BACHELOR OF INDUSTRIAL STUDIES
 FINAL EXAMINATION - 2009/2010
 TT15145- FOUNDATION GARMENTS
 DURATION –THREE HOURS



DATE: 02 March 2010

TIME: 0930-1230 hours

Total Number of Questions= 08 Number of Questions to be answered = 06

Answer Question 01, which is Compulsory and additional five (05) questions.

Question 01 carries twenty-five (25) marks and Question 2 to 8 carry fifteen (15) marks each.

Compulsory question

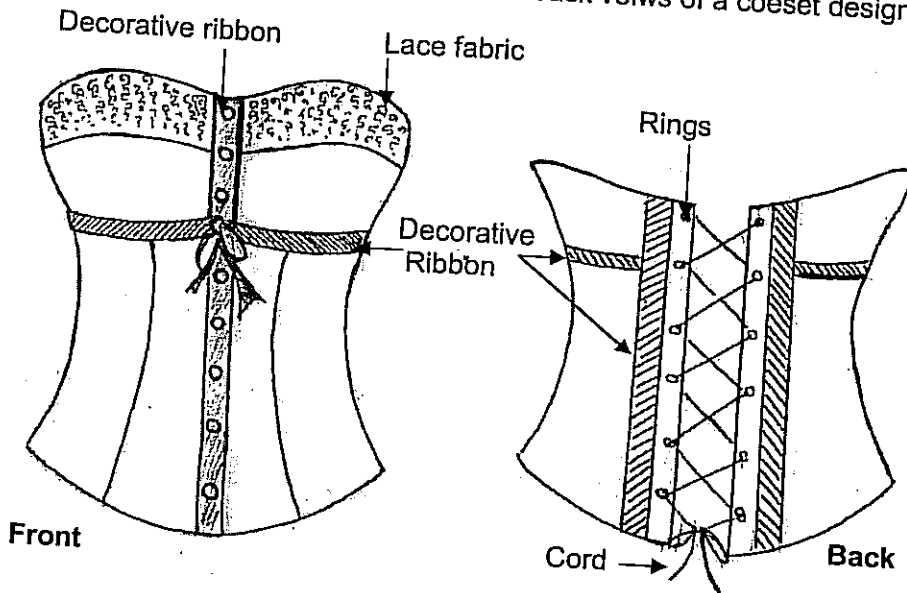
- 1 a) Give three (03) purposes of wearing foundation garments. (03 marks)
- b) Name six (06) types of intimate apparels used in present context. (03 marks)
- c) State the name used for artificial hooped petticoat, which was used in the late 16th Century. (02 marks)
- d) State two (02) reasons why women wear petticoats. (02 marks)
- e) What do you understand by the terms "Corsolette" and "Pantyhose"? (04 marks)
- f) Draw and label three (03) style variations of a full slip. (03 marks)
- g) What is the most suitable material, which could be used to construct bikinis? (01 marks)
- h) Explain the process of moulding, which is used in garment industry. (02 marks)
- i) State three (03) characteristics/properties, which should be checked during the Inspection of incoming buttons. (02 marks)
- j) Explain the importance of final inspection in garment manufacture. (03 marks)

(Total = 25 marks)

Answer any five (05) questions from the following seven (07) questions

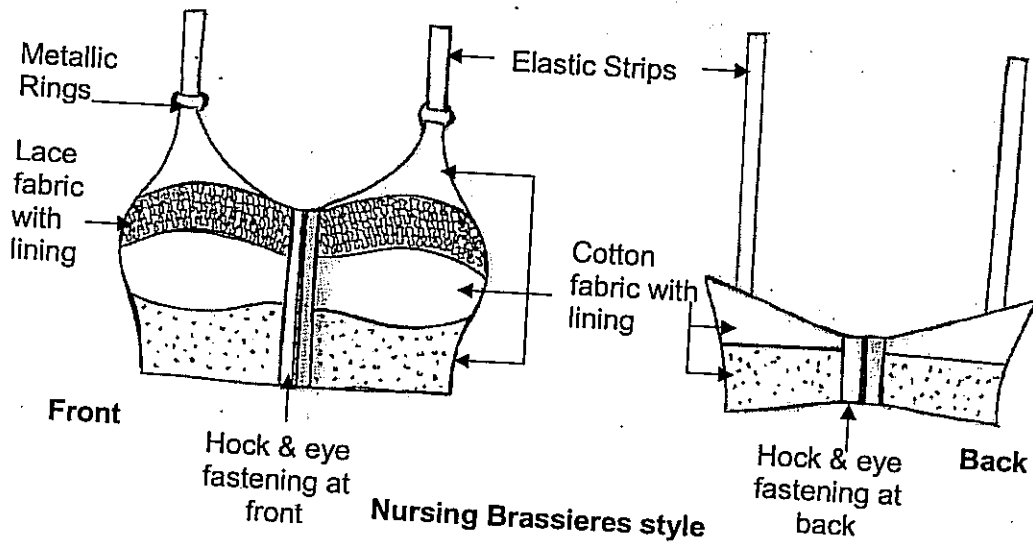
- 2) a) Briefly explain the functions of the following foundation garments.
- Men's brief
 - Half slip
 - Thermal Wear
 - Sleep wear
- (08 marks)
- b) Discuss the purposes of wearing intimate apparels with suitable examples.
- (07 marks)
- 3) a) 'In the eighteenth century, the use of corsets was very popular, but they are not so popular in the present context'. Briefly explain why?
- (05 marks)
- b) State the purposes of wearing a girdle and give the required body measurements to construct a girdle.
- (04 marks)
- c) Explain three (03) style variations of a girdle with illustrations.
- (06 marks)
- 4) a) Explain three (03) major categories of men's under garments with illustrations.
- (06 marks)
- b) With the aid of a suitable diagram, show the basic body measurements required to construct patterns for different types of men's under garments.
- (03 marks)
- c) By giving examples, explain the requirements of fabrics for different types of men's under garments.
- (06 marks)
- 5) a) Give at least two (02) reasons for selecting following fibers, yarns and fabric types / structures in the manufacture of foundation garments.
- Microfibers
 - Fabrics with elastomeric yarns
 - Cotton fabrics
- (06 marks)
- b) What do you understand by the terms "Anklelets" and "Body Stocking"?
- (04 marks)
- c) Write a short note on the selection of foundation garments for children. (05 marks)
- 6) a) What do you understand by the terms "Bubble Moulding" & "Natural Shape Moulding"?
- (04 marks)
- b) Compare and contrast the characteristics of welding and moulding processes.
- (07 marks)
- c) Briefly explain the principles of "High frequency welding machine".
- (04 marks)

7) The following figures show the front and the back views of a corset design.



- a) Write down the style description for the given design. (03 marks)
- b) Write down the necessary body measurements to construct the corset design. (05 marks)
- c) Prepare the operation breakdown and write down the suitable machines and Attachments for each and every operation. (07 marks)

8)



The above two figures show the front and back views of a women under garment. Write a comprehensive note on the "Inspection of incoming materials and "Final inspection" procedures, which could be used to achieve a high quality product. (15 marks)

(Total = 75 marks)