

The Open University of Sri Lanka
Faculty of Engineering Technology
Department of Textile and Apparel Technology



Study Programme : Bachelor of Industrial Studies Honours
Name of the Examination : Final Examination
Course Code and Title : **TAI4243 FOUNDATION GARMENTS**
Academic Year : 2024/25
Date : 12th March 2026
Time : 13:30-16:30hours
Duration : 3 hours

General instructions

1. Read all instructions carefully before answering the questions.
2. Write down your Index Number in all the pages of answer scripts.
3. Answer for each question should commence from a new page.
4. This question paper consists of eight **(08) questions** in three **(03) pages**.
5. Answer the **question one (Q1), which is compulsory** and **any five (05) questions from Question 02 to 08**. Question one (Q1) carries 25 marks and questions two (Q2) to eight (Q8) carry 15 marks each.
6. This is a Closed Book Test (CBT).

Question 01

- (a) What do you understand by “**foundation garments**”? (03Marks)
- (b) Name four (04) types of Roman male undergarments worn during the period of ancient Rome (500 BC to 400 AD). (04Marks)
- (c) Write four (04) types of Roman female breast-supporting garments worn during ancient Rome (500 BC to 400 AD). (04Marks)
- (d) Name the three (03) major categories of men’s underwear. (03Marks)
- (e) State four (04) types of half slips. (04Marks)
- (f) What do you understand by “**air-covered yarns**”? (03Marks)
- (g) List four (04) common fabric defects that can be identified during the fabric inspection process. (04Marks)

Answer any five (05) questions from question two (Q2) to eight (Q8)

Question 02

- (a) Briefly describe children's intimate apparel. (03Marks)
- (b) Write a short note on the functions of foundation garments. (08Marks)
- (c) Write the important requirements of swim and beach wear that make them suitable for water and outdoor use. (04Marks)

Question 03

- (a) I. What do you understand by "**full slips**"? (03Marks)
II. Write three (03) style variations of full slips. (03Marks)
- (b) Write four (04) style variations of brassieres. (04Marks)
- (c) What factors should be considered, when constructing patterns for brassieres? (05Marks)

Question 04

- (a) Define a corset and discuss its classifications, including the materials used in its construction. (05Marks)
- (b) List three (03) style variations of corset. (03Marks)
- (c) I. Define a girdle and discuss its classifications, including the materials used in its construction. (05Marks)
II. List two (02) style variations of girdle. (02Marks)

Question 05

- (a) Briefly explain the types of fabrics commonly used in the construction of foundation garments. (05Marks)
- (b) Why are microfibres beneficial for making foundation garments? (05Marks)
- (c) List five (05) important accessories used in foundation garments. (05Marks)

Question 06

- (b) Briefly explain the function of cup seamer. (05Marks)
- (c) What do you understand by "**operation breakdown**" in the making of foundation garments? (04Marks)
- (d) Briefly explain moulding used for making of foundation garments. (06Marks)

Question 07

- (a) List six (06) benefits of producing high-quality products in a business. (06Marks)
- (b) Differentiate **"Total Quality Management (TQM)"** and **"Quality Assurance."**
(06Marks)
- (c) What do you understand by **"Patrol Inspection"** in a garment manufacturing process?
(03Marks)

Question 08

- (a) List five (05) fabric inspection systems used in the textile and apparel industry.
(05Marks)
- (b) Briefly explain sewability of fabrics.
(05Marks)
- (c) Briefly explain the testing method of fusible interlining used in the garment industry.
(05Marks)