

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	:	TAI3332 - Garment Accessories
Academic Year	:	2024/25
Date	:	20 th February 2026
Time	:	0930-1230h
Duration	:	3 hours

General instructions

1. Read all instructions carefully before answering the questions.
 2. This question paper consists of **Eight (8)** questions in **three (3)** pages.
 3. Write down your Index Number on all the pages of the answer scripts.
 4. Answer question one (Q1), which is compulsory and five (05) more questions from Q2 to Q8. Question one (Q1) carries 25 marks, and questions two (Q2) to eight (Q8) carry fifteen (15) marks each.
 5. Answers to each question should commence on a new page. If a question has many parts, all the parts should be answered in chronological order under the same question.
 6. Write down the answered question numbers in the answer book.
 7. Answers should be in clear handwriting.
 8. This is a Closed Book Test (CBT).
-

Compulsory Question

Question 01

- a) Define the term "support materials" as used in garment manufacture. (03 marks)
- b) State two (02) differences between sew-in interlinings and fusible interlinings. (04 marks)
- c) Briefly describe three (03) factors that affect the quality and performance of garment linings. (03 marks)
- d) State two (02) functions of shoulder pads used in garments. (02 marks)
- e) List four (04) performance requirements of garment closures. (04 marks)

f) Describe the term “mono-filament sewing threads”. (03 marks)

g) Define the terms “loop strength” and “loop strength ratio” in sewing threads. (06 marks)

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

Question 02

a) Describe the four (4) main types of interlinings classified according to their mode of fabrication. (08 marks)

b) Describe the common problems encountered when using fusible interlinings and explain the causes of each problem with reference to the fusing process (07 marks)

Question 03

a) With the aid of a neatly labelled diagram, identify and explain the functions of the various parts of a zipper used in garments. (08 marks)

b) Identify the four (04) functional and decorative roles of buttons in garments. (04 marks)

c) Explain three (03) factors that must be considered when selecting buttons for a particular garment. (03 marks)

Question 04

a) Classify the different types of buttonholes according to their method of construction. (04 marks)

b) Describe each type of buttonhole you mentioned in part (a) and discuss its suitability for different garments and fabrics. (05 marks)

c) With the aid of a neatly labelled diagram, identify the main parts of a snap fastener. (02 marks)

d) State four (04) advantages of using snaps as garment closures. (04 marks)

Question 05

- a) Differentiate between bindings and edgings based on the application, visibility, and end use. (06 marks)
- b) Explain the difference between appliqués and embroidery, highlighting their construction methods and garment applications. (09marks)

Question 06

- a) Explain the role of the different materials required for embroidery in garment manufacture. (06 marks)
- b) Describe five (05) different embroidery stitches, highlighting their special features. (09 marks)

Question 07

- a) Write a short note describing screen printing in the apparel industry. (09 marks)
- b) Describe the following important properties of sewing threads and explain their significance in garment performance.
 - i. Tensile properties
 - ii. Moisture regain
 - iii. Dimensional stability(06 marks)

Question 08

Explain the construction of sewing threads with reference to the following factors:

- a) Twist in sewing thread (05 marks)
- b) Number of plies in the thread (05 marks)
- c) Size of the sewing thread (05 marks)

All Rights Reserved