

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



Study Programme	: Bachelor of Industrial Studies Honours
Name of the Examination	: Final Examination
Course Code and Title	: TAI3538/TTI3238 Garment Accessories
Academic Year	: 2017/18
Date	: 17 th January 2019
Time	: 0930-1230hrs
Duration	: 3 hours

General Instructions

1. Read all instructions carefully before answering the questions.
2. This question paper consists of **Eight (08)** questions in **Four (04)** pages.
3. **Number of questions to be answered = 06.**
4. Answer question **One (01)**, which is **compulsory** and **Five (05)** more questions.
5. Question **One (01)** carries **Twenty-five (25)** marks and question **Two (02)** to **Eight (08)** carry **Fifteen (15)** marks each.
6. Answer for each question should be commenced from a new page.
7. Answers should be in clear hand writing.
8. Do not use red colour pens.

01. Compulsory Question

- (a) Give examples for four (04) different **Support Materials** used in garments. (02 Marks)
- (b) Name three (03) basic types of interlinings available in the market based on their mode of fabrication. (03 Marks)
- (c) What do you understand by the term “lining”? (02 Marks)
- (d) Briefly explain the uses of tapes in garments. (04 Marks)
- (e) Briefly explain following problems associated with the use of fusible interlinings.
- (i) Strike through (ii) Differential shrinkage (04 Marks)
- (f) Write two (02) properties of trims that influence the quality of them. (02 Marks)
- (g) What is the test method that you can use to determine the bond strength of a fused material? (02 Marks)
- (h) Convert 16 and 20 lignes in to inches. (02 Marks)
- (i) What is the ticket number of a sewing thread of 120Nm/4? (04 Marks)

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

02. (a) Manufacturers use different interlinings to provide different functions of garments or for certain parts of the garment. Explain these functions by giving suitable examples. (10 Marks)
- (b) Based on the method of application there are two (02) types of interlinings available in the market. Discuss the advantages and disadvantages of them. (05 Marks)

03. (a) State the functions of zipper by giving examples of the end-uses.

(05 Marks)

(b) Zipper chains are made of metals and synthetic materials. Compare the advantages and disadvantages of metallic and synthetic zipper chains.

(10 Marks)

04. (a) Manufacturers select elastics to suit desired aesthetic and performance of the product. Explain these two (02) functions of elastics by giving suitable examples.

(15 Marks)

05. (a) Buttons are widely used in garments. Discuss the functions and performance of buttons used in garments.

(10 Marks)

(b) Button holes can be classified according to their method of construction. Briefly explain two (02) button hole types based on their construction.

(05 Marks)

06. (a) When you are purchasing a garment you carefully read the instructions on the labels. Discuss your expectation of labels on the garment.

(05 Marks)

(b) Three (03) basic types of materials used to produce embroidery designs. Name them and discuss the role played by each of these materials.

(10 Marks)

07. (a) Define the terms "Tex" & "Cotton count"

(05 Marks)

(b) If you wish to purchase sewing threads to manufacture garments, you may consider significant properties of them. Explain four (04) such properties.

(10 Marks)

08. Write short notes on following:

- (a) Knit trims (05 Marks)
- (b) Screen printing (05 Marks)
- (c) Construction of shoulder pads (05 Marks)