00177

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	: 2020/2021
Date	: **18th February 2022**
Time	: **0930 - 1230 hrs**
Duration	: **3 hours**

General Instructions

1. Read all instructions carefully before answering the questions.
2. This question paper consists of **seven (7)** questions in three **(3)** pages.
3. This is a Closed Book Test (CBT).
4. Write down your **index number** in all the pages of answer scripts.
5. Answer any **five (5)** questions. 20 marks were allocated for each question.
6. Answer for each question should commence from a new page. If a question has many parts, all the parts should be answered in the chronological order under the same question.
7. Write down the answered question numbers in the cover page of the answer book.
8. Do not write answers to the additional questions. Marks will not be given to the last question answered.
9. Answers should be in clear hand writing.
10. Do not use red colour pens to write the answers.

1)

i. Women use intimate apparels for body shaping and retaining. Briefly discuss the statement with two (02) examples. (04marks)
ii. Give four (04) physical quantities controlled by clothing. (08marks)
iii. Intimate apparels must be "Resistant to sweat". Briefly explain this statement. (08marks)

2)

i. State three (03) factors about "Cotte" which was the everyday undergarment of thirteenth century in Middle Ages. (06marks)
ii. Give three (03) major developments of male underwear in 1930s. (06marks)
iii. Briefly explain the changes of the corset during the late 1800s. (04marks)
iv. Briefly explain about "Lastex elastic yarn". (04marks)

3)

i. Write four (04) necessary measurements to construct briefs and boxes. (08marks)
ii. Write one similarity and one difference between corsets and girdles. (06marks)
iii. Differentiate briefs and thongs. (06marks)

4)

i. Briefly explain "Hoop - Skirt" which is also known as "Farthingale". (06marks)
ii. Give three (03) advantages of wearing a vest for children. (09marks)
iii. Give five (05) style features of a bra cut strapped night dress. (05marks)

5)

i. Write three (03) advantages of manufacturing lingerie with "Lycra". (09marks)
ii. Briefly explain an exceptional property exhibits from tightly woven microfiber fabrics. (06marks)
iii. Briefly discuss about "Single/Double covered yarns". (05marks)

6)

i. Briefly explain the principle of moulding technique. (09marks)

ii. Briefly explain the two (02) techniques of moulding a bra. (08marks)

iii. Write three (03) advantages of using the welding process for manufacturing garments. (03marks)

7)

i. Write four (04) benefits of a quality of a product. (04marks)

ii. Give five (05) properties of buttons. (10marks)

iii. Briefly explain two (02) defects generated during cutting of fabric panels. (06marks)