



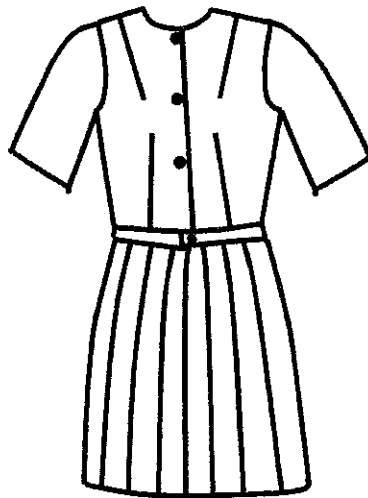
Study Programme	: Bachelor of Industrial Studies Honours
Name of the Examination	: Final Examination
<b>Course Code and Title</b>	<b>: TAI3533 Pattern Construction</b>
Academic Year	: 2021/2022
Date	: 21 <sup>st</sup> February 2023
Time	: 1330-1630 hrs
Duration	: <b>3 hours</b>

### General Instructions

1. Read all instructions carefully before answering the questions.
  2. This question paper consists of **eight (8)** questions in **four (4)** pages.
  3. Answer six (6) questions including the question 1, which is compulsory.
  4. Question No. 1 carries 25 marks and question 2 to 8 carries 15 marks each.
  5. Answer for each question should be commenced from a new page.
  6. Answers should be in clear handwriting.
  7. Do not use red colour pens.
  8. Write the index number in each answer script.
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### Compulsory Question

- (1) Following is a front view of a lady's dress style. Answer questions (a) to (g) with referring to the given style.

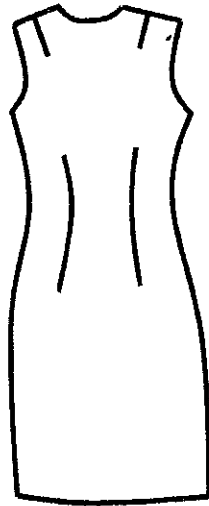


- (a) What are the style features that can be changed to achieve different styles of the bodice part of the dress? (4 Marks)
- (b) What is the purpose of having the four-front darts in the given style? (2 Marks)
- (c) Name two (2) alternative front openings for this given dress style. (2 Marks)
- (d) Name and draw two (2) alternative pleats for decorating the given skirt style. (4 Marks)
- (e) What are the required patterns for manufacturing this dress? (5 Marks)
- (f) Explain the method of taking three (3) horizontal girth measurements for the given dress style. (6 Marks)
- (g) What is the most suitable tool can be used to draw the armhole curve of the dress pattern? (2 Marks)

### Answer any five (5) questions from the following (7) questions

- (2) (a) Garment patterns can be constructed with two (2) different methods. Briefly explain all the steps involved in these two methods. (6 Marks)
- (b) Pattern maker should provide all the necessary information related to the pattern to the cutting department. Explain all the necessary information that should be provided by the pattern maker with reference to the front pattern of a blouse. Your answer should elaborate on the importance of each piece of information. (5 Marks)
- (c) Write a short note on "Standard size charts of women". (4 Marks)

- (3) Following is a back view of a one-piece dress. The basic bodice back pattern can be used to construct the pattern for this dress.



- (a) With rough sketches explain the construction steps of the basic bodice back pattern. (10 Marks)
- (b) Explain the steps to development of back pattern of the one-piece dress from the drafted pattern in part(a). (5 Marks)
- (4) The measurement of the armhole curve of the basic bodice front and back patterns should be matched with the armhole measurement of the basic sleeve pattern. With rough sketches explain the construction steps to draw the armhole curve of the women's basic sleeve pattern. (15 Marks)
- (5) (a) The basic skirt patterns can be used to achieve different styles features for skirts. Explain three (3) such features with examples. (6 Marks)
- (b) The basic skirt back pattern can be constructed by using waist, hip, waist to hip and the waist to knee measurements. Explain the construction steps to develop the basic skirt back pattern with the help of appropriate sketches. (9 Marks)
- (6) (a) Draw a production sketch of a gent's shirt. (2 Marks)
- (b) Explain the features which can be changed to get alternative styles for the gent's shirt you sketched in part (a) with examples. (4 Marks)
- (c) Explain the construction steps of front pattern drafting for the shirt style outlined in part (a) with appropriate sketches. (9 Marks)

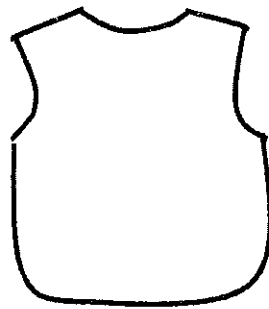
- (7) (a) Draw the production sketch of a gent's trouser with the following style features.
- (i) Left and right waist bands fastened by hook and loop.
  - (ii) A zipper attached to the fly
  - (iii) A pointed shaped side pocket at right side of the front
  - (iv) Two Jetted pockets at the right and left sides of the back
- (4 Marks)

- (b) Explain the construction of the above outlined trouser with appropriate measurements and sketches. (11 Marks)

- (8) (a) Explain the method of taking all required measurements to construct patterns for the baby shirt shown in the following sketch. (5 Marks)



Front



Back

- (b) Explain the construction steps to develop the above front and back patterns with rough sketches. (10 Marks)