



1ST SEM. 2017/18

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UNIVERSITY OF SWAZILAND

FINAL EXAMINATION PAPER

**PROGRAMME : BACHELOR OF SCIENCE IN TEXTILE, APPAREL
DESIGN & MANAGEMENT YEAR III**

COURSE CODE : TAD307

TITLE OF PAPER : PATTERN TECHNOLOGY

TIME ALLOWED : TWO (2) HOURS

**INSTRUCTIONS : ANSWER QUESTION ONE (1) AND ANY OTHER
TWO (2) QUESTIONS**

**DO NOT OPEN THIS PAPER UNTIL PERMISSION HAS BEEN
GRANTED BY THE CHIEF INVIGILATOR**

QUESTION 1 (COMPULSORY)

- (a) Create a storage area with your identity number.
(2 Marks)
- (b) i) Select the back blouse pattern piece from DATA90 and create a whole back piece with a yoke line that is 20 cm from the nap.
(5 Marks)
- ii) Separate the yoke from the bottom back blouse pattern piece. Add 1cm seam allowance on the yoke line. Swap the stitching line with the cut edge on the yoke line
(5 + 5 = 10 Marks)
- (c) Select the front blouse pattern piece from DATA90, and create a 7 cm wide extended facing with the main piece with 8 button placements at 10 cm intervals along CF line.
(15 Marks)
- (d) Separate the facing from the front blouse pattern piece and label it.
(5 Marks)
- (e) Add seam allowances of 1.5 cm on the facing where applicable and save all pieces.
(3 Marks)

[TOTAL MARKS = 40]

QUESTION 2

- (a) Create a storage area with your identity number, if not created before.
(2 Marks)
- (b) Select the front skirt pattern piece from DATA90 and design two equidistant inverted pleats on either side of CF line. Include 1.5 cm seam allowance all round.
(10 Marks)
- (c) Select the back skirt pattern piece from DATA90 and design two equidistant inverted pleats on either side of CB line. Include a 2 cm at CB and 1.5 cm on other seams.
(10 Marks)
- (d) Make a three-piece waist band that has a finished width of 2.5 cm to fit the skirt waist when pleats are folded into place, with an overlap of 3cm. Include a 1.5 cm seam allowance and save all pieces.
(4X2 = 8 Marks)

[TOTAL MARKS = 30]

QUESTION 3

- (a) Create a storage area with your identity number, if not created before.
(2 Marks)
- (b) Select the front trouser pattern from DATA90 and insert a 3 cm tapered pleat mid-waist and label pattern properly.
(10 Marks)
- (c) Add seam allowances of 1.5 cm on the trouser pattern and a hem of 3 cm to mirror the end of trouser leg and save pattern.
(4 Marks)
- (d) Select the front blouse pattern from DATA90 and create two French darts that are 5 cm apart.
(10 marks)
- (e) Add seam allowances of 1.5 cm on the blouse pattern and save all patterns.
(4 Marks)

[TOTAL MARKS = 30]

QUESTION 4

- (a) Using the **create tab**, what functions are you able to perform? Include illustrations for your answer.
(7X2 = 14 Marks)
- (b) What are you able to do with the **advanced tab**? Include diagrams for your answer.
(5X2 = 10 Marks)
- (c) What is the use of the Edit Delta key, and how do you use it?
(6 Marks)

[TOTAL MARKS = 30]