UNIVERSITY OF SWAZILAND

FINAL EXAMINATION PAPER

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

COURSE CODE : TADM 301

TITLE OF PAPER : PATTERN TECHNOLOGY

TIME ALLOWED : TWO (2) HOURS

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

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GRANTED BY THE CHIEF INVIGILATOR

QUESTION 1 (COMPULSORY)

a) What steps involved in accessing Data 70 and uploading a front and back bodices to a working area. **(5 Marks)**

b) State **six (6)** things that the Gerber software package in the CAD laboratory enables a designer to do from the launch pad. **(12 Marks)**

c) Briefly explain the capabilities of the garment assembly and textile print design software packages, and state one advantage for each in their use.

(2x4 = 8 Marks)

d) State **four (4)** ways of placing pattern pieces from the top of the screen to the working area. **(8 Marks)**

e) How can one develop patterns for apparel using the Gerber software?

(2 Marks)

f) How can you do the following through the use of one key on the key board?
   i)   Zoom out
   ii)   Zoom in
   iii) Zoom to select
   iv)   Separate pieces
   v)   Full scale   **(5 Marks)**
                                              [TOTAL MARKS = 40]

QUESTION 2

a) Create a storage area with your identity number. **(2 Marks)**
b) Create a grade rule table for a one dart front skirt for ladies **Or** a shirt pattern for men and save it in your folder. **(15 Marks)**
c) Select one dart skirt block from Data 70 and create two skirt princess panels and label the pieces appropriately. **(10 Marks)**
d) Include seam allowances of 1.5 cm along the princess line and save the pieces.

(3 Marks)
TOTAL MARKS = 30]

QUESTION 3

a) Create a storage area with your identity number, if not created before.

b) Select a **one (1)** dart **skirt** block from Data 70 and create an **extended facing** for CF and neckline using the bodice block.   **(15 Marks)**
c) Mark the CF line.   **(3 Marks)**
d) Add the same seam allowances of 1.5 cm along the shoulder line, neckline and armhole and 2.0 cm on the side seam and save the piece.   **(10 + 2 = 12 Marks)**

[TOTAL MARKS = 30]

QUESTION 4

a) Create a storage area with your identity number, if not created before.
b) Select a front trouser pattern block from GTBasics ánd create a knife pleat form the front dart.   **(15 Marks)**
c) Save the new piece.   **(3 Marks)**
d) Select a back shirt piece for either ladies or men and create a neck facing, mirror it along CB line and save in the created folder.   **(10 + 2 = 12 Marks)**

[TOTAL MARKS = 30]