

**1<sup>ST</sup> SEM. 2008/2009**



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**UNIVERSITY OF SWAZILAND**

**FINAL EXAMINATION PAPER**

**PROGRAMME : BACHELOR OF SCIENCE IN HOME  
TEXTILE, APPAREL AND 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 TWO (2) QUESTIONS**

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

**Question 1**

- a) Analyze the design of figure 1 and develop the same using the basic bodice (front) provided to you on page 4.

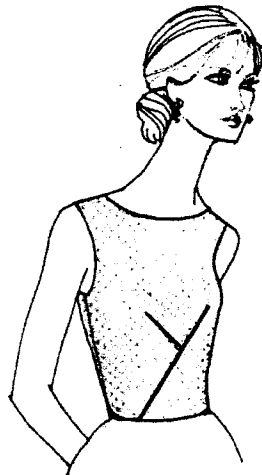


Figure 1

(20 Marks)

- b) Analyze the design of figure 1 and develop the same using the basic skirt (front) provided to you on page 4.



Figure 2

(20)

[20 + 20 = 40 Marks]

**Question 2**

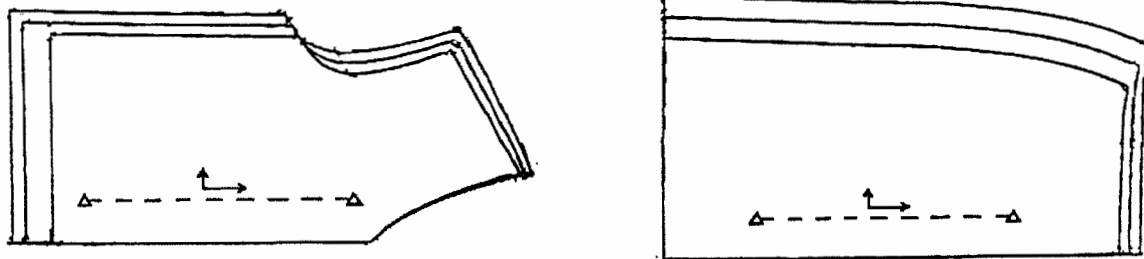
Explain the following:

- i. Pattern grading
- ii. Methods of dart manipulation
- iii. Asymmetric darts
- iv. Basic pattern set
- v. Gored skirt
- vi. Pattern information

(6 x 5 = 30 Marks)

**Question 3**

You have drafted a paper pattern of basic for size 10 and you need to digitize them. You are required to grade them to 6 different sizes. Create a grade Rule table. Use the table given on page 5. You can add more columns if required.



(30 Marks)

**Question 4**

a) Explain the function of the following from ACCUMARK menu. Answer any of the four functions listed :

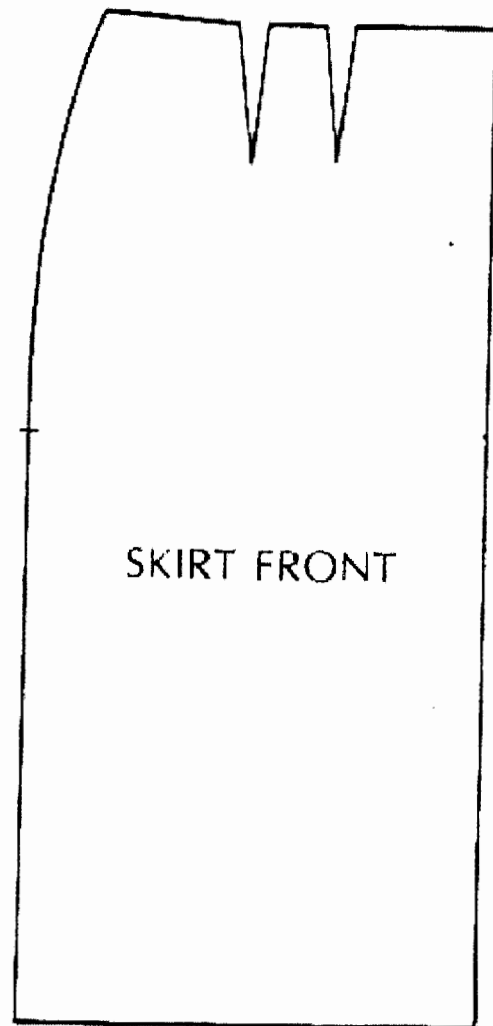
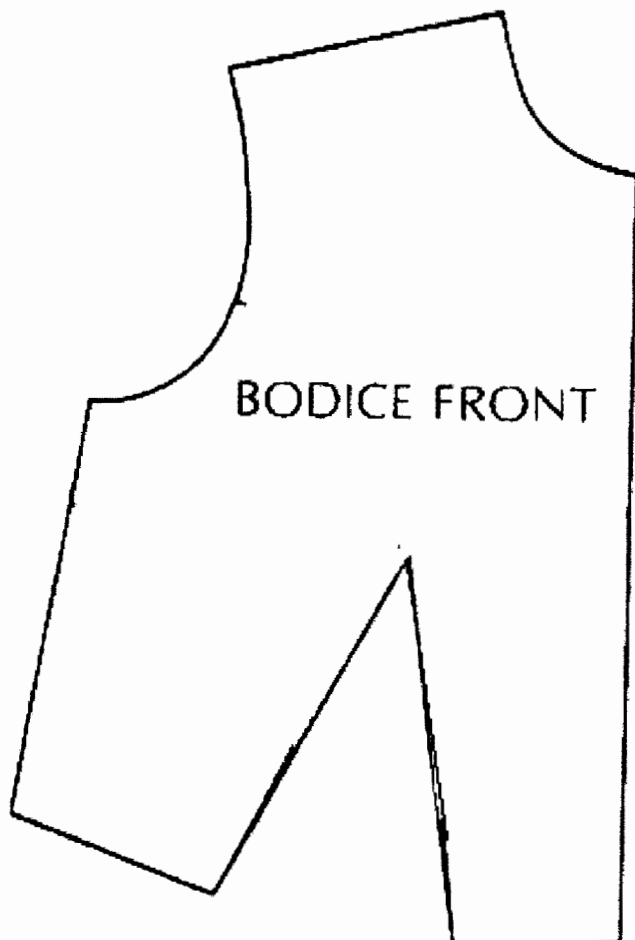
- i) Lay limit editor
- ii) Model editor
- iii) Marker plot parameter table
- iv) Notch parameter table
- v) Blocking & Buffering

(15 Marks)

b) How will you digitize drill holes while digitizing a piece? Explain in detail.

(15 Marks)

[15 + 15 = 30 Marks]



RuleTable

File Edit View Rules Help

Comments:

Size Names

Smallest Size

Base Size

Next Size Break

Ready

RuleTable Rules

RuleTable: [Min] [Max] [Close]

File Edit View Rules Help

Grade Method: Small-Large Incremental

Grade Rules in Library: Total Size Breaks:

Number	Rule	Rule	Rule	Rule	Rule	Rule	Rule	Rule	Rule
Comment									
Point Attribute									
Size Break	X	Y	X	X	X	X	X	Y	Y

Ready

RuleTable Rules