

2ND SEM. 2004/2005



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UNIVERSITY OF SWAZILAND

FINAL EXAMINATION PAPER

**PROGRAMME : BACHELOR OF SCIENCE IN HOME
ECONOMICS & HOME ECONOMICS
EDUCATION YEAR IV**

COURSE CODE : TAD 407

TITLE OF PAPER : TEXTILE DESIGN & PRODUCTION

TIME ALLOWED : TWO (2) HOURS

INSTRUCTIONS : ANSWER ALL QUESTIONS

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QUESTION 1

Using the Cotton Staple fibre, describe (the step by step production flow) how the textile manufacturer produces a cotton yarn from either a Ring Spinning or Rotor (open-end) spinning system. [15 marks]

QUESTION 2

Show the two methods of imparting colour to textiles. Dyeing can be done during any stage in the manufacture of textile. Describe at least four stages of dyeing in the industry. [15marks]

QUESTION 3

Describe what a *functional Design* in a fabric means. Identify at least three such fabrics/garments and describe how they perform their function to the user or consumer.

QUESTION 4

Describe the environmental concern of the textile industry in terms of the manufacturing processes. Briefly describe the types of wastes emitted. [15 marks]