



1ST SEM. 2017/2018

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**UNIVERSITY OF SWAZILAND
FINAL EXAMINATION PAPER**

**PROGRAMME : BACHELOR OF SCIENCE IN
CONSUMER SCIENCE AND
CONSUMER SCIENCE EDUCATION
YEAR III**

COURSE CODE : CED309/FRHD 301

**TITLE OF PAPER : HOUSEHOLD TECHNOLOGY AND
MANAGEMENT**

TIME ALLOWED : TWO (2) HOURS

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

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GRANTED BY THE CHIEF INVIGILATOR**

QUESTION 1 (COMPULSORY)

- a) Home management is more than display of skills in households.
Discuss management, extensively explaining it in the context of a home.
[15 Marks]
- b) You intend buying your mother a household technology as a birthday present. You have identified a vacuum cleaner as one of the items on the wish-list of your mother. Discuss how you will go about acquiring information on this technology to avoid dissatisfaction during utilization of the technology.
[20 Marks]
- c) Families have several reasons for owning portable electrical appliances. Justify ownership of these technologies by families.
[5 Marks]

[TOTAL MARKS = 40]

QUESTION 2

- a) Decision-making is fundamental to management.
Make a schematic representation of rational decision-making model and discuss important aspects in each phase.
[25 Marks]
- b) The nature of management includes characteristics of both Science and Art.
State characteristics that make management to be considered a Science discipline.
[5 Marks]

[TOTAL MARKS = 30]

QUESTION 3

- a) Body position and motion are significant to effective body use.
- i. Explain what happens during dynamic muscle action and static muscle action.
[10 Marks]
 - ii. Describe how muscles should be used effectively to minimize tension on muscles.
[10 Marks]
- b) Finishes such as enamel, copper, silicon and fluorocarbons are sometimes used on exterior and interior surfaces of household technologies.
Discuss, giving examples, the significance of these finishes on household appliances.
[10 Marks]

[TOTAL MARKS = 30]

QUESTION 4

- a) Discuss the importance of management in families. [10 Marks]
- b) Why is e-waste a concern to developing countries? [5 Marks]
- c) Technology has been honoured for bringing industrialization into the home.
- i. Discuss disadvantages realised through the advent of household technologies in families? [10 Marks]
- ii. A ceramic hob is now commonly used in modern kitchens.
List advantages of this high kitchen technology. [5 Marks]

[TOTAL MARKS = 30]

End of Paper