



**1<sup>ST</sup> SEM. 2017/2018**

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**UNIVERSITY OF SWAZILAND**  
**SUPPLEMENTARY EXAMINATION PAPER**

**PROGRAMME : BACHELOR OF SCIENCE IN  
CONSUMER SCIENCE AND  
CONSUMER SCIENCE EDUCATION  
LEVEL 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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**QUESTION 1 (COMPULSORY)**

- a) Technology has affected the family's construction of meanings, formation of values and patterns of thinking.

Discuss significant influences of technology with regards to the following:

- i. The meaning of 'quality of life' [15 Marks]
- ii. Technological mind set [15 Marks]

- b) Thermal characteristics of base material are important in determining evenness of browning and speed of cooking. To a greater extent, basic forming operations and assembly techniques determine the useful life of any equipment.

Discuss two (2) basic methods (cast and stamped) for forming kitchen utensils  
[10 Marks]

[TOTAL MARKS = 40]

**QUESTION 2**

- a) Differentiate between:

- i. Qualitative and quantitative standards
- ii. Absolute and relative values
- iii. Cognitive and psychomotor resources
- iv. Technical and economic decisions
- v. Legal and political decisions

[5 x 2 = 10 Marks]

- b) The worker, work and work place are all important and interrelated for effective use of human energy.

- i. How can the human body be used effectively to save energy and to preserve health during task performance? [10 Marks]

- ii. Discuss considerations for storage space and equipment for work simplification. [10 Marks]

[TOTAL MARKS = 30]



**QUESTION 3**

- a) You are working for a non-governmental organisation that focuses on assisting women with income generation projects. List ingredients and the method for making home-made fabric softener. [10 Marks]
- b) Discuss advantages and disadvantages of the rational decision-making model. [10 Marks]
- c) Discuss characteristics of aluminium as a household metal. [10 Marks]

[TOTAL MARKS = 30]

**QUESTION 4**

- a) Values provide the vigour towards achievement of goals.  
Discuss five (5) characteristics of values. [10 Marks]
- b) What is meant by '*immediate closure*' in decision-making? [5 Marks]
- c) Stainless steel pots are common in modern kitchens nowadays.  
i. Justify the popularity of stainless steel metal pots. [5 Marks]  
ii. Discuss care of stainless steel pans. [5 Marks]
- d) To minimize the use of harsh chemical cleaning agents in homes bicarbonate of soda may be used. Discuss the use of bicarbonate of soda as a cleaning agent. [5 Marks]

[TOTAL MARKS =30]

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