

**UNIVERSITY OF SWAZILAND**  
**FACULTY OF SOCIAL SCIENCE**  
**DEPARTMENT OF SOCIOLOGY**  
**FINAL EXAMINATION PAPER, MAY 2005**

**TITLE OF PAPER** : **TECHNOLOGY AND INDUSTRIAL DEVELOPMENT**

**COURSE CODE** : **SOC 209**

**TIME ALLOWED** : **TWO (2) HOURS**

**INSTRUCTIONS** :  
1. **ANSWER ANY THREE (3) QUESTIONS.**  
2. **ALL QUESTIONS CARRY EQUAL MARKS.**

**THIS PAPER IS NOT TO BE OPENED UNTIL PERMISSION HAS BEEN GIVEN BY THE INVIGILATOR.**

**QUESTION 1**

Define technology, and discuss the various elements of the technology complex. Provide examples to illustrate your answer.

**QUESTION 2**

Compare and contrast social constructionism and technological determinism. Which of the two perspectives best fits your personal position regarding the relationship between technology and society, and explain why.

**QUESTION 3**

Evaluate any one theory of industrial development.

**QUESTION 4**

Discuss the relationship between technology and social change. Provide appropriate examples to support your arguments.

**QUESTION 5**

Critically discuss the consequences of technological dependence using examples from Swaziland.

**QUESTION 6**

Discuss the major threats to the earth's ecosystem and explain how population growth, poverty, and industrialization have accelerated the world's ecological crisis.