

**W1-2-60-1-6**

## JOMO KENYATTA UNIVERSITY OF AGRICULTURE AND TECHNOLOGY

**UNIVERSITY EXAMINATIONS 2018/2019**

**SPECIAL/SUPPLIMENTARY EXAMINATIONS FOR THE DEGREE OF BACHELOR OF DEVELOPMENT STUDIES**

**HSD 2101: ENVIRONMENT AND DEVELOPMENT**

**DATE: JUNE 2019 TIME: 2 HOURS**

**INSTRUCTIONS: ANSWER QUESTION ONE AND ANY OTHER TWO QUESTIONS**

QUESTION ONE (30 MARKS)

1. Explain causes of the following factors which can make a society to collapse when faced with adverse environmental conditions which they are equipped to circumvent (18 marks)
2. Failure to anticipate a problem before the problem arrives (8 marks)
3. Failing to perceive a problem that has actually arrived (6 marks)
4. Failure of their efforts to solve the perceived problems (4 marks)
5. Discuss any three alternative arrangements that have evolved to preserve a commons resource while still permitting a sustainable harvest (12 marks)

QUESTION TWO (20 MARKS)

1. List any six reasons to justify why gender equality matters to environment (12 marks)
2. Following an invitation to address Development Officers on gender and environment, identify eight opportunities to mainstream environment and gender equality which you would advice them to pursue (8 marks)

QUESTION THREE (20 MARKS)

1. Discuss any three environmental problems caused by hardrock mining (18 marks)
2. List any two methods used by hardrock mining companies facing environmental cleanup costs to avoid those costs (2 marks)

QUESTION FOUR (20 MARKS)

1. You have been invited to give a lecture on sustainable development in a workshop. Discuss any four sustainable development challenges you would address in your lecture (8 marks)
2. Discuss any six key principles towards which strategies for sustainable development should aspire for (12 marks)