



KENYATTA UNIVERSITY

UNIVERSITY EXAMINATIONS 2010/2011

**FIRST SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR OF
ENVIRONMENTAL STUDIES (COMMUNITY DEVELOPMENT)**

ECD 204: WATER RESOURCES AND SANITATION MANAGEMENT

DATE: WEDNESDAY, 24TH NOVEMBER 2010 TIME: 8.00 A.M – 10.00 A.M

INSTRUCTIONS

Answer question ONE and any other TWO Questions

1. In Kenya the vision for the water and sanitation sector is “ to ensure water and improved sanitation availability and access to all by 2030.” To what extent is this vision attainable. [30 marks]
2. Distinguish between point sources and non-point sources of water pollution paying particular attention to water pollution control in water supply systems. [20 marks]
3. Discuss how best to integrate water and sanitation issues within a broader catchment management strategy. [20 marks]
4. Discuss constraints towards utilization of marginal quality water in food production in Kenya. [20 marks]
5. In reference to ONE drainage basin in Kenya identify and discuss major causes of pollution and viable mitigation strategies [20 marks]