



KENYATTA UNIVERSITY
UNIVERSITY EXAMINATIONS 2014/2015
DIGITAL SCHOOL OF VIRTUAL AND OPEN LEARNING
SECOND SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR OF ARTS
AND BACHELOR OF EDUCATION
AHT 419: SCIENCE AND TECHNOLOGY SINCE 1900 CE

DATE: SATURDAY, 2ND MAY 2015

TIME: 11.00 A.M. – 1.00 P.M.

INSTRUCTIONS: ANSWER ANY THREE QUESTIONS

1. Science has a number of dangers and benefits in human history. Discuss giving examples.
2. Analyze the factors that led to the emergence of the industrial revolution in Europe.
3. Explain Galileo's scientific ideas and why this brought him into conflict with the church.
4. Compare and contrast Nicholas Copernicus and the medieval view of the universe.
5. Assess the factors that delayed a revolution in Chemistry. How did Antoine Lavoisier modernize chemistry?
6. Critically analyze Isaac Newton's scientific ideas. How did they make him a celebrity?
7. Define the term Science and Technology. How has the understanding of the term science changed over time to achieve its modern characteristics?