



MACHAKOS UNIVERSITY

University Examinations 2018/2019

SCHOOL OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF SOCIAL SCIENCES

FOURTH YEAR SECOND SEMESTER EXAMINATION FOR

BACHELOR OF EDUCATION (ARTS)

BACHELOR OF ARTS

AHT 419: SCIENCE AND TECHNOLOGY SINCE 1500

DATE: 29/4/2019

TIME: 8.30-10.30 AM

INSTRUCTIONS

Answer Question One and any other Two Questions

1.
 - a) Define science and technology? (2 marks)
 - b) Explain how science has been able to achieve its modern characteristics (8 marks)
 - b) Describe the factors that led to renaissance in the 15th Century (12 marks)
 - c) Explain why there was a delay in the revolution of chemistry before 18th Century (8 marks)
2. Discuss how renaissance art and engineering was reflected in works of Leonardo Da Vinci. (20 marks)
3.
 - a) Explain the reasons why industrial revolution started in Britain. (10 marks)
 - b) Discuss the impact of this on Europe? (10 marks)
4. “Antoine Lavoisier considered the father of modern chemistry” Discuss (20 marks)
5.
 - a) examine Galileo Galilei’s contribution (10 marks)
 - b) Explain the reasons that lead to his trial? (10 marks)