



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)