



# MACHAKOS UNIVERSITY

University Examinations for 2018/2019 Academic Year

SCHOOL OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF SOCIAL SCIENCES

APRIL SESSION EXAMINATION FOR BACHELOR OF EDUCATION

AHT 419: SCIENCE AND TECHNOLOGY SINCE 1500

DATE: SCHOOL BASED

TIME:

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## INSTRUCTIONS:

Answer QUESTION ONE and any other TWO QUESTIONS

1. a) What is science and technology? How has science been able to achieve its modern characteristics? (10 marks)
- b) Describe the factors that led to renaissance in the 15<sup>th</sup> C (12 marks)
- c) Explain why there was a delay in the revolution of chemistry 8mks
2. Discuss the contribution of:
  - a) Leonardo Da Vinci. (10 marks)
  - b) Nicholas Copernicus (10 marks)
3. Discuss the overall impacts that industrial revolution had on Europe? (20 marks)
4. Why is Antoine Lavoisier considered the father of modern chemistry? (10 marks)
5. What contribution did Galileo Galilei make in science and why did it lead to his trial? (20 marks)