



MACHAKOS UNIVERSITY

University Examinations for 2020/2021 Academic Year

SCHOOL OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF SOCIAL SCIENCES

APRIL SESSION EXAMINATION FOR

BACHELOR OF EDUCATION (ARTS)

AHT 419: HISTORY OF SCIENCE AND TECHNOLOGY

DATE:

TIME:

INSTRUCTIONS.

ANSWER QUESTION ONE AND ANY OTHER TWO

1. a) With use of examples examine the origins, developments and characteristics of modern science. (15 marks)
- b) Give a detailed critique of the medieval science and technology (15 marks)
2. What is the significance of studying the history of science and technology? (20 marks)
3. To what extent can you argue that Andreas Vesalius was the father of modern medicine? (20 marks)
4. 'Nature and nature's laws lay hide in the night.... then God said, let Newton be, and all was light...'. In summarizing the contributions of Sir Isaac Newton to scientific thought give an informed commentary on the above statement. (20 marks)
5. Compare and contrast developments in the scientific methodology as embodied in Rene Descartes and Francis Bacon. (20 marks)