



KENYATTA UNIVERSITY

CONTINUING EDUCATION PROGRAMME (CEP) 2021/2022

**EXAMINATION FOR THE DEGREE OF BACHELOR OF EDUCATION (ARTS) AND
BACHELOR OF ARTS**

AHT 419: HISTORY OF SCIENCE AND TECHNOLOGY SINCE 1500 C.E

DECEMBER 2021 SESSION

TIME: 2 HOURS

INSTRUCTIONS: ANSWER QUESTION ONE AND ANY OTHER TWO QUESTIONS

1. (a) Define the terms science and technology? [10 Marks]
(b) Briefly describe FOUR characteristics of science. [8 Marks]
(c) Explain THREE factors which contributed to the emergence of the Renaissance Period in Europe. [6 Marks]
(d) Discuss the reasons which made Britain to pioneer industrial revolution. [10 Marks]
2. Historians of the Early Modern Period believed that Medieval/ Period was characterized by darkness and ignorance which stifled the growth of science and learning. Is this assertion true? Discuss. [20 Marks]
3. Outline the contribution of Galileo Galileo in the history of Astronomy. [20 Marks]
4. Locate the position of Leonardo Da Vince in the development of art and science of the renaissance period. [20 Marks]
5. Citing relevant examples, demonstrate how the development of the steam engine revolutionized the transport sector. [20 marks]
6. Examine the effects of the Agrarian revolution in Europe and America during the 18th century. [20 Marks]
7. Discuss the scientific inventions in the British Textile Industry period during the industrial revolution period. [20 Marks]