

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF ARTS

HIST 203: HISTORY OF SCIENCE AND TECHNOLOGY I

STREAMS: B.A (Y2S1)

TIME: 2 HOURS

DAY/DATE: TUESDAY 19/12/2023

2.30 P.M. – 4.30 P.M.

INSTRUCTIONS

- **Answer question one and any two others**

1. a) Briefly explain the meaning of the following terms;
 - i. History and pre-history (2 marks)
 - ii. Science and technology (2 marks)
 - iii. History of Science and Technology (2 marks)
 - iv. Civilization (2 marks)
 - v. Renaissance and Medieval periods. (2 marks)

b) Elucidate the characteristics of science and technology as manifested in pre-historic times and societies. (20 marks)
2. a) Describe the theories behind the spread of iron technology in Africa. (5 marks)

b) Discuss the impact of iron working in Africa. (15 marks)
3. Analyze aspects of early science and technology in ancient Egypt. (20 marks)
4. Assess the factors that led to the evolution and development of world civilization. (20 marks)

5. EITHER

- a) Examine the scientific and technological development of the Renaissance period in Europe. (20 marks)

OR

- b) Discuss the role of Islam in the transmission of scientific heritage of classical antiquity. (20 marks)
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