

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

SECOND YEAR EXAMINATION FOR THE AWARD OF DEGREE  
OF BACHELOR OF EDUCATION ARTS

HIST 214: HISTORY OF SCIENCE AND TECHNOLOGY

STREAMS: BED (ARTS) (Y2S1)

TIME: 2 HOURS

DAY/DATE: MONDAY 09/12/2019

8.30 A.M. – 10.30 A.M.

INSTRUCTIONS: Answer question ONE and any other TWO

1. (a) Define the following concepts;
  - (a) History and pre-history
  - (b) Science and technology
  - (c) Civilization
  - (d) Renaissance and Medieval period [10 marks]
- (b) Analyze the characteristics of science and technology as manifested in the pre-historic times and societies [20 marks]
2. Explain factors that led to the evolution and development of world civilizations [20 marks]
3. Describe the role of Islam in the transmission of scientific heritage of classical antiquity [20 marks]
4. (a) Explain the theories behind the spread of iron technology in Africa [5 marks]  
(b) Discuss the consequences of iron working in Africa [15 marks]

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5. Describe the major scientific developments that took place during the Renaissance

[20

marks]

6. Analyze the aspects of early science and technology in ancient Egypt

[20 marks]

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