

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

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

HIST 280/214: HISTORY OF SCIENCE AND TECHNOLOGY

STREAMS: BED (ARTS) Y2S1

TIME: 2 HOURS

DAY/DATE: FRIDAY 07/12/2018

11.30 A.M. – 1.30 P.M.

INSTRUCTIONS: Answer question ONE and any other TWO

1. (a) Define the following concepts:
  - (i) History and pre-history
  - (ii) Science and technology
  - (iii) Civilization
  - (iv) Renaissance and Medieval periods [10 marks]
- (b) Analyze the characteristics of science and technology as manifested in the pre-historic societies. [20 marks]
2. Explain the factors that led to the evolution and development of world civilization [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]

marks]

6. Analyze aspects of science and technology in ancient Egypt [20 marks]

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