

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

EXAMINATION FOR THE AWARD OF MASTER OF EDUCATION

EDCI 801: HISTORY AND PHILOSOPHY OF SCIENCE

STREAMS: MED

TIME: 3 HOURS

DAY/DATE: TUESDAY 06/04/2021

2.30 P.M. – 5.30 P.M.

INSTRUCTIONS:

- Answer any **THREE** questions
- Do not write on the question paper

1. “Scientist share certain basic beliefs and attitudes about what they do and how they view their work”. Discuss the **FOUR** basic scientific world view of the nature of science as postulated by scientist. [20 marks]
 2. Discuss any **FIVE** basic principles of scientific inquiry. [20 marks]
 3. (a) Explain any **FIVE** importance of philosophy of science using specific examples [10 marks]
(b) “Science in various forms and shapes found expression and developed in a hundred ways in different cultures at different times. Discuss the history of development of science in any two different cultures of the ancient world. [10 marks]
 4. Science as an enterprise has an individual, social and institutional dimensions. Discuss the four basic dimensions of the scientific enterprise. [20 marks]
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