



MACHAKOS UNIVERSITY

University Examinations for 2019/2020 Academic Year

SCHOOL OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF SOCIAL SCIENCES

FOURTH YEAR FIRST SEMESTER EXAMINATION FOR

BACHELOR OF ARTS

ASC 423: SOCIOLOGY OF SCIENCE AND TECHNOLOGY

DATE: 28/11/2019

TIME: 8.30-10.30 AM

INSTRUCTIONS: Answer QUESTION ONE and any other TWO QUESTIONS

QUESTION ONE (30 MARKS)

- a) Define the concepts: science, technology and the scientific method (10 marks)
- b) Explain the assumptions of the scientific process (20 marks)

QUESTION TWO (20 MARKS)

- a) Differentiate between deduction and induction as methods of research and theory development (10 marks)
- b) Describe any four effects of technology on the environment (10 marks)

QUESTION THREE (20 MARKS)

Discuss the various themes covered by science and technology

QUESTION FOUR (20 MARKS)

Science and technology is good but not without adverse effects to society. Discuss

QUESTION FIVE (20 MARKS)

Explore on the impact of technology in our society today