



NATIONAL OPEN UNIVERSITY OF NIGERIA

Plot 91 Cadastral Zone, Nnamdi Azikwe Expressway, Jabi, Abuja

Department of Science Education

FACULTY OF EDUCATION

2023_1 POP EXAMINATION..

COURSE CODE: SED413

CODE TITLE: SCIENCE, TECHNOLOGY AND SOCIETY

CREDIT UNIT: 2

TIME ALLOWED: 2 Hours

INSTRUCTION: Answer question ONE and any other TWO questions.

QUESTION

1(a) Describe the qualitative changes experienced in the society as a result of progress of science and technology in terms of: Materials prosperity, Transport mode, Communication, Machine tools, Medical technology, Globalisation and Information Technology (IT)

1(b) Explain any 3 Negative Effects of Society on Science.

1(c) Vividly explain any five aspects of the nature of science which deals with the attitude and behaviors of scientist.

2(a) As a committee member of a society group in your special profession, explain the Social Institution to the member of the public.

2(b) Illustrate Four Main Examples of social institution.

2(c) Illustrate any seven aspects of the nature of science which deals with the attitude and behaviors of scientist.

3(a) In a workshop organized in science education department as a science educator you are to describe the Historical Development of Science – Technology Society STS.

3(b) Enumerate any five scientific methods.

4(a) You are invited to a workshop on science and technology, how would you explain the topic assigned to you on Transfer Technology.

4(b) As a member of society in your chosen profession, vividly describe the Social Institution to your fellow colleagues.

4(c) State two major aims of science education two.