



National Open University of Nigeria
Plot 91, Cadastral Zone, NnamdiAzikwe Express Way, Jabi- Abuja

Faculty of Education
Examination 2017_2

Course code: SED413

Course Title: Science Technology and Society

Credit unit: (2 units)

Time Allowed: 2 hours.

Instruction: Answer questions one (1) and any other two.

1a) Give a clear distinction between technology and science. (10 marks).

b) Briefly discuss the relevance of scientific literacy to a nation. (10 Marks)

c) State importance of technological development to educational sectors and the need for technology development in Nigeria. (10 marks)

(Total marks = 25 marks)

2a). State similarities between science and technology. (4 marks)

b) Why is the teaching of science, technology and society required in science education? (10 Marks)

3a) Briefly explain the meaning of Global warming

b) Describe what “Greenhouse” effect is and list the gases which constitute Greenhouse Gases.

4a) List the characteristics of a scientifically literate person.

b) Differentiate between **Evaporation** and **Refrigeration**.

5a). List 5 major pollutants produced by human activities. (5 marks)

b). Discuss major pollutants produced by human activity. (10 marks)