

**National Open University of Nigeria**

**Plot 91, Cadestral 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) Discribe 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)