



**NATIONAL OPEN UNIVERSITY OF NIGERIA**  
Plot 91 Cadastral Zone, Nnamdi Azikiwe Express Way, Jabi, Abuja

**FACULTY OF EDUCATION**  
**2024 1 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**

1. (a) What is Technology Transfer (5 marks)  
(b). Mention any five (5) types of Technology transfers(5 marks)  
(c) List any five (5) Weapons of war (5 marks)  
(d) What is politics in science and technology(5 marks)  
(e) Discuss any five (5) purposes of technology transfer(10 marks)
2. (a) Briefly explain any five(5) forms of energy (10 marks)  
(b) Briefly discuss any five (5) causes of deforestation (10 marks)
3. (a). Mention any five(5) methods of technology transfer(5 marks)  
(b). What are the four(4) means of technology transfer(4 marks)  
(c). Explain any four (4) ways of promoting technology literacy in Nigerian schools (4 marks)  
(d) Briefly describe any seven (7) benefits of Technology transfer to humanity(7 marks)
4. There are different types of pollution, which are either caused by natural events (like forest fires) or by man-made activities (like cars, factories, nuclear wastes, etc.). Write shote notes on the following four (4) major types of pollutions stating their causes and impact:(5 marks)
  - (i). **Air pollution**
    - (a). Some causes of air pollution (2.5 marks)
    - (b).The impact of air pollution (2.5 marks)
  - (ii). **Water Pollution**
    - (a). Causes of Water Pollution. (2.5 marks)
    - (b) The consequences of water pollution(2.5 marks):
  - (iii). **Soil Pollution**
    - (a) Causes of Soil Pollution. (2.5 marks)
    - (b).The effects of soil pollution: (2.5 marks)
  - (iv). **Noise Pollution**
    - (a). Causes of Noise pollution(2.5 marks)
    - (b).The effects of Noise pollution (2.5 marks)