



NATIONAL OPEN UNIVERSITY OF NIGERIA
91 Cadastral Zone, Nnamdi Azikiwe Expressway, Jabi, Abuja Department of
Department of Science Education
FACULTY OF EDUCATION
2025_2 EXAMINATIONS

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.

Questions

1. a) Elaborate on any three (3) reasons why scientific and technological literacy is important in Nigeria. **(9marks)**
1. b) List any five (5) goals of Scientific and Technological Literacy as described by Yager (1992). **(5marks)**
1. c) As part of the Science – Technology – Society (STS) movement, list at least four (4) attributes that a scientifically and technologically literate person needs as suggested by the NSTA (1991). **(4marks)**
1. d) Briefly discuss any three (3) negative and three (3) positive impacts of science on society. **(12marks)**
2. (a) Describe any five (5) qualitative changes in society **(15marks)**
2. (b) List any five (5) factors threatening societal safety and security **(5marks)**
3. (a) Briefly describe Health care science. **(2marks)**
3. (b) Differentiate between Communicable and Non-communicable Diseases with three (3) examples each. **(18marks)**
4. (a) Enumerate any five (5) organic and inorganic water pollutants **(10marks)**
4. (b) List and explain the negative effects of Water Pollutants. **(10marks)**