



NATIONAL OPEN UNIVERSITY OF NIGERIA
Plot 91 Cadastral Zone, NnamdiAzikwe Express Way, Jabi, Abuja.
FACULTY OF EDUCATION
DEPARTMENT OF SCIENCE EDUCATION
POP EXAMINATION QUESTIONS (2019_2)

Course Code: SED413

Course Title: SCIENCE, TECHNOLOGY AND SOCIETY

COURSE UNIT:2

TIME:2 HOURS

INSTRUCTION: Answer question 1 and any other 2 questions

(1a). Briefly explain the following:

(i) Science (**2¹/₂ Marks**)

(ii) Technology (**2¹/₂ Marks**)

(iii) Society (**2¹/₂ Marks**)

(1b). Explain the triadic relationship among the three (Science, Technology
And Society) (**5 Marks**)

(1c). What do you understand by the term 'Technology Transfer' (**2¹/₂ Marks**)

1d). List 4 tools of Technology Transfer (**5 Marks**)

(1e). List and briefly describe 5 processes of science involved in a scientist's during a scientific investigation. (**10 Marks**)

(2a) Enumerate and briefly discuss any five scientific attitudes. (**10 Marks**)

(2b) Discuss any five negative effects of internationality of Society on Science. (**10 Marks**)

(3a). Explain four scientific and technological progress changes? **(8 marks)**

(3b) List four appliances and use each to explain how science and technology

have helped homes to make life more comfortable **(Listing=4marks, explanation=8marks)**

(4a) Define the term 'deforestation'. **(2Marks)**

(4b) List six causes of deforestation. **(6 Marks)**

(4c). Define 'Pollution'. **(2 marks)**

(4d) List five types of pollution. **(5 marks)** (4e) Discuss the inter-relationship between deforestation and pollution **(5Marks)** and how they can be mitigated.