



NATIONAL OPEN UNIVERSITY OF NIGERIAN

91 Cadastral zone, NnamdiAzikiwe Expressway, Jabi, Abuja

FACULTY OF EDUCATION

DEPARTMENT OF SCIENCE EDUCATION

EXAMINATION: 2021_1

COURSE CODE: SED834

COURSE TITLE: SCIENCE, TECHNOLOGY AND SOCIETY

CREDIT UNIT: 2

TIME ALLOWED: 2HOURS

INSTRUCTION: ANSWER QUESTION ONE AND ANY OTHER TWO QUESTIONS.

QUESTION ONE

1a. Basic principle of 'Science Technology and Society' (STS) programmes is to improve and enhance science learning for societal benefits. Enumerate ten (10) features of STS that attest to this statement. **(20 marks)**

1b. Scholars asserted that teaching of science as a body of knowledge have some challenges. Discuss. **(10 marks)**

QUESTION TWO

2a. Technological advancement has greatly innovated science teaching to Science Technology and Society (STS). As a Science Educator, justify this statement.

(15 marks)

2b. Write a short note on technology. **(5 marks)**

QUESTION THREE

3a. Dr. Stephen, a Psychologist, observed some characteristics traits in his daughter, and confirmed her Scientist. Describe six (6) of the proven characteristics. **(12 marks)**

3b. Briefly describe four cluster reasons that underline your choice of Science Education as a discipline. **(8 marks)**

QUESTION FOUR

4a. Studies have shown that a scientific literate person both appreciates the values of science and technology in society and understands the limitations of each. As a student of Science Education, what additional character do you expect to see in this man? **(20 marks).**