

SET1



**NATIONAL OPEN UNIVERISTY OF NIGERIA**

**Plot 91 Cadastral Zone, Nnamdi Azikwe Expressway, Jabi, Abuja**

**DEPARTMENT OF SCIENCE EDUCATION**

**EXAMINATION: 2021\_1**  
**COURSE CODE: SED831**  
**COURSE TITLE: CURRICULUM TRENDS IN SCIENCE EDUCATION**  
**CREDIT UNIT: 3**  
**TIME ALLOWED: 3 HOURS**

**INSTRUCTION: ANSWER FOUR QUESTIONS FROM FIVE, ALL QUESTIONS CARRY EQUAL MARKS**

**TWO Marks will be awarded for orderly presentation of answers**

1a. Identify and briefly discuss any four (4) out of the sections of the arrangement of the teaching syllabus by National Science Curriculum for Senior Secondary Schools. **12MARKS**

b. Illustrate five (5) out of the stated general objectives of the syllabus in knowledge and understanding that pupils should acquire. **5MARKS**

2a. Examine five (5) issues in your own opinion that made the implementation Nigerian Secondary Schools Science project (NSSSP) curriculum face challenges during post-independence era in Nigeria **10MARKS**

b. Outline and five (5) roles played by Working Party in the evolving of Scottish Integrated Science program. **5MARKS**

c. Itemize any two (2) of the materials that were produced for students' use, using the Nuffield Foundation to Modern Curriculum Projects in Britain **2MARKS**

3ai. What year was Comparative Education Study and Adaptation Centre (CESAC) established? **1MARK**

ii. Discuss any four (4) functions that Comparative Education Study and Adaptation Centre (CESAC) performed at inception **8MARKS**

bi. Mention the basic philosophy of Nigerian Secondary Schools Science project and briefly examine two (2) of the basic objectives of this project. **6MARKS**

ii. Identify two (2) major skills of Nigerian Secondary Schools Science project. (NSSSP) **2MARKS**

4a. Give the full meaning of the following abbreviations:

i. JSTAN **1MARK**

ii. WAEC **1MARK**

iii. JORIC **1MARK**

iv. NISP **1MARK**

v. SAPA **1MARK**

b. Illustrate two (2) of the basic philosophies of National Science Curriculum for Senior Secondary Schools in Nigeria. **4MARKS**

c. Discuss any four (4) aims of the Science Teachers 'Association of Nigeria at its inception according to STAN (1973) **8MARKS**

5a. Give the full meaning of WASC. **1MARK**

b. Discuss the history of science using eight (8) out of the chronological events in the development of science education in Nigeria before independence. **16 MARKS**