SET1

NATIONAL OPEN UNIVERISTY OF NIGERIA

Plot 91Cadastral 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 8**MARKS**

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**