COURSE CODE SED 315
COURSE TITLE: Nigerian Primary/Secondary School Science/Mathematics Curricula.
INSTRUCTION. Attempt Question one and any other two Questions.
CREDIT: 2
TIME: 2 hours.

QUESTION ONE

a. Write down any five specific objectives of primary school Basic Science and Technology [7½ mks]
b. Suggest any four activities the primary school science teacher can organize to help achieve any of the stated object above [7½ mks]
c. Identify any five challenges that the primary school Basic Science teacher can encounter in organizing practical lessons in any basic science topic. [7½ mks]
d. State any five duties the primary school head can perform to facilitate the implementation of Basic Science Curriculum in the school [1½ marks each for any 5 points, 7½ mks]

QUESTION TWO

a. Write down any ten essential components of a formal lesson preparation format [10mks]
b. State any three relevant learning outcomes (specific objectives) on the topic "things in and around the classroom and school" (6mks)
c. Suggest any two activities the primary school science teacher can organize to teach the topic in (b) above [4mks]

QUESTION THREE

a. Write down any five features of the organization of chemistry curriculum content in Nigeria [10mks]
b. Identify any two areas of similarities and differences respectively in the organization of senior science curriculum in Nigeria [8mks]
c. Give any two reasons for the use of laboratory approach in teaching some chemistry concepts [2mks]

QUESTION FOUR

a. Identify any five features of the organization of senior secondary school mathematics curriculum in Nigeria [10mks]
b. Mention any three new introductory topics included in the mathematics curriculum [6mks]
c. Give any two reasons that may have necessitated the introduction of the new topics in the curriculum [4mks]