

SCHOOL OF EDUCATION  
NATIONAL OPEN UNIVERSITY OF NIGERIA  
**SCHOOL OF EDUCATION**  
2017 SEMESTER EXAMINATION

COURSE CODE: **SED314**

COURSE TITLE: **AFRICAN COSMOLOGY IN INTEGRATED SCIENCE**

**INSTRUCTION:** ANSWER QUESTION 1 AND ANY OTHER TWO (3 QUESTIONS IN ALL)

TIME: 2 HOURS

- 1a) Numbers have religious meaning in many traditional cosmovision. Discuss.  
(10 marks)
- b) Mention five possible constellations of knowledge as a product of the interaction of human, natural and spiritual worlds in African belief system.  
( 10 marks)
- c) Discuss five behavioural/attitudes that regulate the activities of scientist.  
(Any 5 x 1mark = 5 marks)

- 2 a) Explain the significant of cosmic serpent  
10 marks.
- b) Mention five reasons for teaching integrated science in schools?  
(5 marks)

**(Total marks = 15 marks)**

- 3a. Describe the African conception of Supreme Being and African universe.  
(10 marks)
- b) List the elements of an acceptable definition of African tradition.  
(5 marks)

**(Total marks = 15 marks)**

- 4 a) Explain superstition and state three ways integrated science can be used to eliminate superstition. (11 marks)
- b) Describe the various unique ways of knowing in scientific enterprise with relevant examples. ( 9 marks)

**(Total marks = 15 marks)**

5. Explain the following:
  - a. cosmic serpent
  - b. Cosmovision.

