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**NATIONAL OPEN UNIVERSITY OF NIGERIA**

**14-16 AHMADU BELLO WAY, VICTORIA ISLAND LAGOS**

**SCHOOL OF EDUCATION**

**SEPTEMBER/OCTOBER 2015 EXAMINATION**

**COURSE CODE: SED314**

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

**TIME ALLOWED: 2HOURS**

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

**QUESTION 1**:

1. Describe the African conception of supreme being and African universe**(10 MARKS)**
2. Explain briefly five ways of knowing in science(**10 MARKS)**
3. Explain five differences between African science and Integrated science.**(10 MARKS)**

**QUESTION 2:**

1. Briefly explain cosmic serpent**(10 MARKS)**
2. Explain cosmovision**(10 MARKS)**

**QUESTION 3:**

1. Mention five possible constellations of knowledge as a product of the interaction of human, natural and spiritual worlds in African belief system.**(8 MARKS)**
2. Explain superstition and state three ways integrated science can be used to eliminate superstition.(**12 MARKS)**

**QUESTION 4:**

1. Mention five reasons for teaching integrated science in schools?**(10 MARKS)**
2. Discus any seven scientific skills that can be acquired through learning integrated science.(**10 MARKS.)**