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**National Open University of Nigeria**

**Plot 91, Cadestral Zone, Nnamdi Azikwe Express Way, Jabi- Abuja**

**Faculty of Education**

**October/November Examination 2016**

**Course code: SED 831**

**Course Title: Curriculum Trends in Science Education**

**Credit Unit: 2 units**

**Time Allowed: 2 hours.**

**Instruction: Answer question one (1) and any other two.**

1 (a) State five challenges that militate against effective implementation of science curriculum. (10 marks)

(b)Mention and discuss FIVE steps the Nigerian government could take to improve science education. (10 marks)

( c ) Discuss five behavioural/attitudes that regulate the activities of scientists.

(10 marks)

2 (a) What reasons could be responsible for changing science education curriculum at secondary school level. (10 marks)

(b) Explain fiveprocesses of science. (10 marks)

3 (a) Discuss five factors that warrant low performance of students in science.(10 marks)

(b) List the five objectives for establishing the Science Teachers Association of Nigeria? (10 marks)

4 (a) Discuss the criteria for identifying and selecting science education curriculum content? (10 MARKS).

(b) How would you implement the science curriculum in the classroom to bring desired results. (10 marks)