

OBAFEMP AWOLowo UNIVERSITY, ILE-IFE

**FACULTY OF EDUCATION
DEPARTMENT OF SPECIAL EDUCATION AND CURRICULUM STUDIES**

M.A.Ed/M.Ed. DEGREE EXAMINATION
2010/2011 HARMATTAN SEMESTER EXAMINATION, SEPTEMBER, 2011

**SEC609/611: CURRICULUM AND INSTRUCTION IN SECONDARY
SCHOOL MATHEMATICS/SCIENCE**

INSTRUCTION: Answer all Questions

TIME ALLOWED: 3 hours

1. Explain the theories of David Ausubel and Abraham Maslow. How can a Science/Mathematics teacher adapt the theories for his/her successful teaching in the Nigerian classroom?
2. What is insightful learning? Consider the advantages of insightful learning to the Nigerian Science/Mathematics teacher.
3. Write down **five** objectives of Science/Mathematics teaching and learning.
Write down ten media and their uses in the teaching of Science/Mathematics.
- 4(a) In what ways can you accelerate Science learning in your students?
(b) What do you understand by the philosophical aspects of Science/Mathematics curriculum?
(c) Write out twenty qualities of a good Science/Mathematics textbook.