



OBAFEMI AWOLOWO UNIVERSITY, ILE-IFE

FACULTY OF EDUCATION

DEPARTMENT OF SPECIAL EDUCATION AND CURRICULUM STUDIES

M.A. Ed/M. Ed/Ph. D Degree Examination

2011/2012 Rain Semester Examination January 2013

Course Code: SEC610

Course Title: Diagnostic and Remedial Teaching of Mathematics

Time allowed: 2 hours

Instruction: Answer all

1. Among possible factors for the causes of mathematics learning disability is educational deficiency even for learners not plagued by brain dysfunction, neurological disorder, maturity lag, neuro-allegic syndrome etc.

Explain **twelve** likely causes of mathematical disability as related to educational deficiency.

2. "It may not be the teacher's fault that his/her students are found to be below average at the beginning of the semester. Yet, it is the teacher's task to rectify the imbalance before the end of the semester"

How can a mathematics teacher creatively motivate learners by using individualisation of instruction and individualisation of attention to attain the solution of task stated above in a class of learners with learning disability in mathematics?

3. Explain how you would teach the solution of the problem below to a part one mathematics student of a Nigerian university.

Solve for x: $\frac{dy}{dx} = Cx (Q-x)$

