



**REFORMED CHURCH UNIVERSITY**

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**FACULTY OF EDUCATION AND SOCIAL SCIENCES**

**BACHELOR OF EDUCATION DEGREE IN INCLUSIVE EDUCATION**

**SCIENCES AND MATHEMATICS FOR PRIMARY SCHOOL  
EDUCATION**

**HIE 217**

**Part 2 Semester 2 Examination**

**Total Marks [100]**

**Date: APRIL 2024**

**Time: 3 Hours**

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**INSTRUCTIONS**

- 1 This paper has *Five (5)* questions
- 2 Answer *any three (3)* questions
- 3 Start each question on a new page

1. Assess Piaget's cognitive theory in the teaching and learning of Science and Mathematics. [100]
2. Compare and contrast the effectiveness of the problem-solving and the field trip methods in the teaching of Science and Mathematics. [100]
3. Examine a functional battery powered item and justify how it enhances learning and development in learners. [100]
4. Assess the relevance of traditional games in the teaching of mathematics concepts. [100]
5. Observational learning is instrumental in child development and learning. Discuss

**END OF PAPER**