



**ZIMBABWE EZEKIEL GUTI UNIVERSITY**

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**FACULTY OF EDUCATION, GOVERNANCE, THEOLOGY AND LEADERSHIP**

**DEPARTMENT OF CURRICULUM AND EDUCATIONAL PHILOSOPHY**

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**EXAMINATION PAPER**

**PROGRAMME:** BACHELOR OF EDUCATION (HONOURS) DEGREE IN  
EARLYCHILDHOOD DEVELOPMENT

**MODULE CODE:** BECD 212

**MODULE TITLE:** MATHEMATICS AND SCIENCE IN ECD

**DURATION:** 3 Hours

**DATE:** 11 OCT 2023

**INSTRUCTIONS TO CANDIDATES:**

1. Answer any **THREE** questions.
2. Each question carries 100 marks
3. Start each answer on a new page of the answer booklet.

1. Evaluate the effectiveness of the problem-solving method in the teaching of **one** Mathematics and Science concept of your choice at Grade one level. [100]
2. Examine the relevance of instructional media to teaching and learning of Mathematics and Science in infant classes. [100]
3. Discuss the rationale for Mathematics and Science in the Early Childhood Development curriculum. [100]
4. Prepare a staff development paper on the development of Mathematics and Science concepts among Early Childhood Development learners at the pre-operational stage of cognitive development. [100]
5. 'The environment is the best teacher to develop Mathematics and Science concepts.' Discuss. [100]

**THE END**

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