REFORMED CHURCH UNIVERSITY

FACULTY OF EDUCATION AND SOCIAL SCIENCES

BACHELOR OF EDUCATION HONOURS DEGREE IN MATHEMATICS

Issues in Mathematics Education

HMAT 111

Part 1 Semester 1 Examination

Total Marks [100]

Date: December 2024

Time: 3 Hours

INSTRUCTIONS

1. This paper has five *(5)* questions
2. Answer any three*(3)* questions
3. Each question carries 100 *marks*
4. Start each question on a new page

1. 'The practice of grouping students by ability in mathematics is contentious'. Discuss. (100)

2. Provide a summary of the five (5) Van Hiele levels, including the name and a short description of each level. (100)

3. Explore any three categories of mathematics-specific digital technologies' tools. (100)

4. Citing examples, distinguish among teaching about problem solving, teaching for problem solving, and teaching through problem solving.(100)

5. Assess any four issues in Mathematics Education in Zimbabwe and suggest solutions for the same. (100)

END OF PAPER