

Uganda Martyrs University

Faculty of Education

SEMESTER ONE EXAMINATIONS 2022/2023

DIPLOMA IN EDUCATION (PRIMARY) YEAR 1

MATHEMATICS EDUCATION

PAPER TWO: TEACHING MATHEMATIC IN THE PRIMARY SCHOOLS II

Date: 13.1.2023

3hrs

Time: 2:00pm- 5:00pm



Instructions:

- Attempt only FOUR questions.
- ALL questions carry equal marks.
- Read the detailed instructions in the examination booklet
- Do not write on this question paper

1. (a) Discuss the main ways in which the usefulness of mathematics can be perceived.  
(b) Discuss the mathematical skills that are likely to be required by a carpenter in your locality.
2. (a) Outline the common problems faced by learners of mathematics in your school.  
(b) Discuss how you have helped your learners to overcome such problems.
3. (a) State and discuss the four stages in the problem solving approach in mathematics teaching and learning.  
(b) Discuss how you can use the problem solving approach to help learners to solve the following problem.  
*A car travels a distance of 45 km from 8.40 a.m to 9.25 a.m. What is the average speed of the car in km/h?*
4. (a) Give reasons why the study of mathematics is necessary for all school teachers.  
(b) Discuss how the recording of scores in an Athletics competition involving primary schools in your sub county can be recorded.
5. (a) List 10 activities which require the use of mathematics in the rural community life in Uganda.  
(b) Bus timetables in Uganda primary school mathematics curriculum are irrelevant. Discuss.
6. Discuss the most effective methods when teaching mathematics to a;  
(a) Large class,  
(b) Mixed ability class.

END