



KENYATTA UNIVERSITY
UNIVERSITY EXAMINATIONS 2008/2009

KU-BRAEBURN DEGREE PROGRAMMES

EXAMINATION FOR THE DEGREE OF MASTER OF PHILOSOPHY –
TEACHER MENTORING

MTM 506: ICT IN TEACHING AND LEARNING

DATE: FRIDAY, 12TH DECEMBER 2008

TIME: 2.30 P.M. – 5.30 P.M.

INSTRUCTIONS: Answer Question ONE and any other TWO questions.

1. a) Name and state the functions of (i) two computer input devices and (ii) output devices. (4 marks)
- b) Explain the following computer jargon:
 (i) RAM
 (ii) ROM
 (iii) DVD and
 (iv) CPU (4 marks)
- c) State **two** sources of computer viruses. (4 marks)
- d) Discuss **four** precautions that you would take for safe use and care of computers (6 marks)
- e) Briefly discuss document formatting. (5 marks)
- f) Discuss **four** requirements children want from a Personalised Learning approach to teaching. (4 marks)
- g) Briefly describe **four** key benefits of using a Learning platform. (4 marks)
2. Discuss computer as a single most important teaching aid in the teaching and learning process. (20 marks)

3. As a teacher, discuss the benefits of using a Learning Platform (such as Moodle) to aide your teaching and the benefits your pupils will derive. What are the major disadvantages of using a Learning Platform. (20 marks)
4. Discuss the features and powers of Excel computer package and the tasks to which you could apply and use such powers in educational institutions. (20 marks)
5. Discuss the features and powers of computer graphics and the tasks to which you could apply such powers in your school. (20 marks)
