CHUKA   **UNIVERSITY**

UNIVERSITY EXAMINATIONS

EXAMINATION FOR THE AWARD OF POSTGRADUATE DIPLOMA IN EDUCATION

PGDE 768: COMPUTER STUDIES SUBJECT METHODS

STREAMS: PART TIME   **TIME: 2 HOURS**

DAY/DATE: THURSDAY 6/12/2018   **11.30 A.M. – 1.30 P.M**

INSTRUCTIONS
Answer question one and any other three questions
Do not write on the question paper

1.   (a) What is computer methodology?   [1 mark]

        (b) Describe any five objectives of teaching computer studies in secondary schools.

                                                                        [10 marks]

        (c) Explain why project work is a useful method when teaching computer studies.

                                                                        [7 marks]

        (d) Discuss the main challenges of computer studies teaching in secondary schools.

                                                                        [7 marks]

2.   (a) Discuss the advantages and disadvantages of behavioral objectives in computer
                studies teaching.   [8 marks]

        (b) Explain how a computer studies teacher can use teaching aids.   [5 marks]

3.   (a) Describe the following levels of objective in the cognitive domain. Use relevant
        examples.   [6 marks]
        (i) Knowledge
        (ii) Evaluation

(iii) Application

(b) You are required by your supervisor to develop a computer studies schemes of work for teaching practice. Outline the main components you would consider to achieve this objective.   [9 marks]

4.   (a) Explain the main characteristics of an effective computer studies teacher.

[8 marks]

(b) Describe ways a computer studies teacher can utilize in concluding his/her lesson.

[4 marks]

(c) Identify three ways in which computer studies practical's can be carried out in the laboratory.   [3 marks]

5.   (a) Explain strategies a computer studies teacher can make discussion methods most effective in a lesson.   [6 marks]

(b) Discuss the main elements of computer studies lesson plan.   [6 marks]

(c) Describe the mechanical features of a good computer studies text book. [3 marks]