



KISII UNIVERSITY

UNIVERSITY EXAMINATIONS FIRST YEAR EXAMINATION FOR THE AWARD OF THE POSTGRADUATE DIPLOMA IN EDUCATION SECOND SEMESTER, 2021/2022 (FEBRUARY - JUNE, 2022)

PGDE 731: COMPUTER STUDIES SPECIAL METHODS

STREAM: Y1 S2

TIME: 2 HOURS

DAY:

DATE:

INSTRUCTIONS

- 1. Do not write anything on this question paper.*
- 2. Answer question ONE (Compulsory) and any other TWO questions.*

QUESTION ONE (COMPULSORY - 30 MARKS)

- Give and briefly explain **two negative** contributions of Computer studies to the welfare of mankind. (3 marks)
- With **two** examples, explain the purpose of including Computer studies in the Junior Secondary School Curriculum. (3 marks)
- Discuss four conditions a Computer studies instructional objective should fulfill. (3 marks)
- State any one of the Computer studies 8-4-4 course objectives and write an instructional objectives based on it. (3 marks)
- Distinguish (with two examples for each) between a Facility and a Resource in the teaching of Computer studies. (3 marks)
- Discuss any four (4) benefits associated with the use of computers in secondary schools. (3 marks)

- (g) Discuss four qualities of a good Computer studies teacher. (3 marks)
- (h) i) What is KENET in full?
ii) Explain the mandate of KENET in education sector (3 marks)
- (i) Explain how portfolio may be used to evaluate learning outcomes in computer studies. (3 marks)
- (j) Explain two purposes of a Computer studies lesson plan. (3 marks)

QUESTION TWO (20 MARKS)

- (a) Computer studies (technology) has been introduced into the Competence Based Curriculum at all levels of education in Kenya because of its importance. Discuss. (10 marks)
- (b) Despite the importance of the subject many schools still do not offer the subject. Why? (5 marks)
- (c) Discuss the main challenges faced by teachers in evaluating students taking computer studies in secondary schools. (5 marks)

QUESTION THREE (20 MARKS)

- (a) Teaching and learning computer studies is inherently constructivist. Discuss. (5 marks)
- (b) The IBL method is one of the teaching methods that can be used in the constructivist approach to teaching and learning of computer studies. (5 marks)
- (c) Discuss the role of the teacher during the IBL class. (5 marks)
- (d) What should the teacher look for when assessing the completed project? (5 marks)

QUESTION FOUR (20 MARKS)

- (a) Describe the main features of a computer studies scheme of work. (5 marks)
- (b) Discuss why it is very important for a computer studies teacher to assess his/her learners through project work. (6 marks)
- (c) Construct a structured question from the Secondary School Computer studies and make a marking scheme for it. (9 marks)