



KIBABII UNIVERSITY
UNIVERSITY EXAMINATIONS
2021/2022 ACADEMIC YEAR
BACHELOR OF EDUCATION (SCIENCE)
THIRD YEAR FIRST SEMESTER
SPECIAL/SUPPLEMENTARY EXAMINATIONS

COURSE CODE: ESM 315

COURSE TITLE: COMPUTER EDUCATION

DATE: 17/11/2022

TIME 8:00AM- 10:00AM

INSTRUCTIONS TO ALL CANDIDATES

Answer question one (1) and any other two (2)

Instructions to candidates: answer question ONE and any other two questions

1.
 - (a) Using suitable examples, describe any five general objectives of teaching computer studies (10 marks).
 - (b) Discuss reasons for having in place safety precautions in a computer laboratory (6 marks).
 - (c) As a computer studies teacher you have been assigned to teach the lesson Introduction to Computers in form one.
 - (i) Explain three assessment tools you may employ in teaching your class (6 marks)
 - (ii) Explain four professional records a teacher should have while teaching lesson Introduction to Computers in in form one. (8 marks).
2. Using suitable examples: -
 - (a) describe four remote learning modes a computer studies teacher should consider when preparing a lesson (8 marks)
 - (b) Describe any five teaching methods used in computer studies lesson (10 marks).
3.
 - (a) Explain **six** benefits of offline marking of examinations (12 marks)
 - (b) State **Four** factors that may be considered when planning a lesson in computer studies (8marks)
4.
 - (a) As a computer studies teacher, explain how you should maintain the following documents and give reasons for maintaining such documents. (12 marks)
 - (i) a class attendance register.
 - (ii) Individualized educational programme(IEP).
 - (iii) Marking /Checking learners' books.
 - (b) Explain four technological difficulties that may be experienced in teaching the topic "application packages" as required in the secondary school computer studies syllabus (8marks)
5.
 - (a) Discuss four ways which may be used to reduce the risks of corruption of data and programs in a school computer laboratory (12 marks)
 - (b) An office has four computers and one printer. Describe ways through which the printer can be used by the four computers without disconnecting the computer or using removable media (8marks).