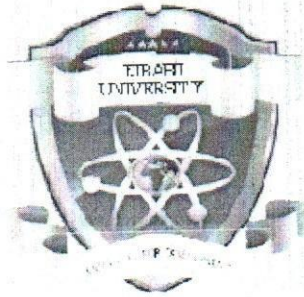


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KIBABII UNIVERSITY
UNIVERSITY EXAMINATIONS
2021/2022 ACADEMIC YEAR
FIRST YEAR SECOND SEMESTER MAIN
EXAMINATION FOR PGDE

COURSE CODE: COM 710E

COURSE TITLE: COMPUTER EDUCATION

DATE: 9/9/2022

TIME: 9AM- 11:00AM

INSTRUCTIONS TO ALL CANDIDATES

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

QUESTION 1

- (a) Using suitable examples describe any four factors a computer studies teacher should consider when preparing schemes of work (8 marks)
- (b) State four factors to consider in determining whether subject content can be delivered through ICT (4 marks).
- (c) As a computer studies teacher you have been assigned to teach the lesson Introduction to Computers in in form one. Explain four teaching and learning activities that may take place in that lesson (8 marks)

QUESTION 2

Using suitable examples: -

- (a) Describe any five factors a computer studies teacher should consider when preparing a lesson (10 marks)
- (b) Describe any five teaching methods used in computer studies lesson (10 marks).

QUESTION 3

- (a) Explain **six** benefits of offline marking of examinations (12 marks)
- (b) Discuss the test as an assessment method (8marks)

QUESTION 4

- (a) Discuss reasons for having in place safety precautions in a computer laboratory (6 marks)
- (b) Explain **four** characteristics of a computer laboratory layout (8 marks)
- (c) Outline **six** duties of a computer laboratory technician (6 marks)

QUESTION 5

(a) Differentiate between: -

- (i) Heuristic and didactic learning approaches (4 marks)
- (ii) Assessment and evaluation (4 marks)

(b) Competence Based Curriculum(CBC) is currently being implemented in our institution of learning in Kenya, explain six CBC assessment tools used in assessing your computer studies learners (12 marks).

1. Performance based assessment
2. Portfolio assessment
3. Self-assessment
4. Peer assessment
5. Observation
6. Rubric