

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

**EXAMINATION FOR THE AWARD OF DEGREE OF DOCTOR OF PHILOSOPHY
IN**

**EDCI 924: INSTRUCTIONAL STRATEGIES FOR CRITICAL THINKING AND
PROBLEM SOLVING IN EDUCATION**

STREAMS: PhD

TIME: 3 HOURS

DAY/DATE: WEDNESDAY 18/12/2019

2.30 P.M. – 5.30 P.M.

INSTRUCTIONS:

- **Answer question ONE and any other TWO questions.**

1. (a) Explain the link between:
 - (i) Critical thinking and creativity. (4 marks)
 - (ii) Critical thinking and education. (4 marks)
 - (b) Outline five steps for teaching critical thinking. (10 marks)
 - (c) Describe six critical thinking skills for the modern work place. (12 marks)
 2. (a) Highlight three similarities and three differences between explicit and implicit strategy for teaching critical thinking. (6 marks)
 - (b) Citing specific examples, explain why explicit strategy is perceived to be a better strategy for teaching critical thinking. (9 marks)
 3. Discuss the relevance of critical thinking skills in the 21st Century. (15 marks)
 4. Describe the practices that provide learning environments that stimulates critical thinking and creativity. (15 marks)
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