

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

EMBU CAMPUS

EXAMINATION FOR THE AWARD OF DIPLOMA IN EDUCATION

PECI 0112: INTRODUCTION TO SCIENCE AND AGRICULTURE

STREAMS: B. ED (SB)

TIME: 2 HOURS

DAY/DATE:

INSTRUCTIONS:

- Answer Question ONE and any other TWO Questions.
- Do not write on the Question Paper.

QUESTION ONE

- (a) Draw a diagram showing parts of a flower. [5 Marks]
- (b) Identify various sources of water and their utilization. [5 Marks]
- (c) Outline ways of maintaining a clean environment. [6 Marks]
- (d) Identify factors that influence soil formation. [5 Marks]
- (e) Explain importance of preparing a science lesson plan. [5 Marks]
- (f) Give types of uses of magnets. [4 Marks]

PART TWO: ANSWER ONLY TWO QUESTIONS.

QUESTION TWO

- (a) Discuss environmental factors influencing agriculture. [10 Marks]
- (b) Discuss the methods of separating mixtures. [10 Marks]

QUESTION THREE

- (a) Draw a diagram showing the structure and working of a simple circuit. [12 Marks]
- (b) Draw sources and ways by which sound energy is transmitted. [8 Marks]

QUESTION FOUR

- (a) Discuss the objectives of teaching science and agriculture in primary schools. [8 Marks]
- (b) Explain factors considered when preparing a science scheme of work. [12 Marks]

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