

UNIVERSITY OF SWAZILAND
FACULTY OF EDUCATION
SUPPLEMENTARY EXAMINATION PAPER 2009
B. Ed. II AND PGCE

Title of paper : Curriculum Studies in Chemistry I

Course number: EDC 279

Time allowed: 3 hours

Instructions:

1. This paper contains FIVE questions
2. Question 1 is COMPULSORY. You may then choose ANY TWO questions from questions 2, 3, 4, 5.
3. Marks for each question are indicated at the end of the question.
4. Any piece of material or work which is not intended for marking purposes should be clearly CROSSED OUT
5. Ensure that responses to questions are NUMBERED CORRECTLY

Special Requirements

SGCSE Physical Science Syllabus (6888) (Chemistry section)

**THIS PAPER SHOULD NOT BE OPENED UNTIL PERMISSION HAS BEEN
GRANTED BY THE INVIGILATOR**

SECTION A

QUESTION 1

This question is compulsory

Show, using examples from chemistry, the importance of considering the following issues in the teaching and learning of Chemistry? The need:

- | | |
|---|------|
| a) for lesson planning | [12] |
| b) for using behavioural objectives | [10] |
| c) to select the most appropriate teaching method | [10] |
| d) for extrinsic motivation | [8] |

SECTION B

Choose and answer any two questions

QUESTION 2

It is Government policy in Swaziland that every pupil should learn science in school. Discuss reasons why science should be a compulsory school subject. [30]

QUESTION 3

Discuss, using examples, the role of practical work in the teaching, learning, and assessment of pupils' competencies, in chemistry at school level. [30]

QUESTION 4

Discuss steps you might take in teaching a chemistry lesson of your choice using the following teaching methods.

- | | |
|------------------------|------|
| a) Demonstration | [10] |
| b) Discussion | [10] |
| c) Question and answer | [10] |

QUESTION 5

Prepare a 40-minute lesson for a lesson from *Section C8.1 "The characteristics properties of acids and bases"* to a Form IV class (See topic 8.1 in SGCSE syllabus attached). [30]