

Candidates in general fared reasonably well in the multiple-choice questions (Question 1). At some centres, the questions on Inorganic Chemistry and Organic Chemistry were answered poorly. It is clear that not enough time is left in the matric year to do revision of the Grade 11 syllabus. Similarly the section on Organic Chemistry is sometimes left until the end of the academic year, and not done thoroughly.

QUESTION 1

Was answered reasonably well by all centres.

QUESTION 2

This question was poorly answered. Candidates find difficulty with conversions. Many candidates did not understand the question and got the required units wrong. The candidates made errors in calculating the answers, indicating that time is needed to train learners to use calculators properly. Candidates also forgot to make the deduction that reading 3 was incorrect.

Calculations involving concentration, mole, molecular mass should get more attention.

QUESTION 3

In general answered poorly. Candidates do not know the concept of density, use double arrows for the half reactions and leave out the charges of ions.

QUESTION 4.

Generally poorly answered. The colour of ions and gases gave many problems. Uniformity and guidance should be given to educators. In many cases, candidates offered the oxidation/reduction half reaction in which a substance occurred, instead of only the required formula.

QUESTION 5

Generally answered well.

QUESTION 6

Answered reasonably well. Candidates however experienced difficulty in formulating Le Chatelier's Principle, which may indicate a lack in understanding the principle.

QUESTION 7

In general answered poorly. Many candidates did not know the definition of dilute acid. This is disturbing, since the concepts of acids and bases rely heavily on the concentration of the H^+ -ion concentration. The calculation in 7.2.3 and 7.2.4 was generally done poorly. Candidates used wrong formulae and the substitutions were done incorrectly, indicating conceptual misunderstandings.

QUESTION 8

Generally answered well

Charges were left out and double arrows were used in half reactions.

QUESTION 9

Answered poorly. More time needed to be spent with learners on Organic Chemistry. Candidates found difficulty with basic naming of compounds and basic structural formulae.