



CHIEF MARKER'S REPORT

SUBJECT:	NATURAL SCIENCES
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GRADE:	ABET LEVEL 4	PAPER:	1
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1. ANALYSIS OF QUESTION BY QUESTION PERFORMANCE

QUESTION 1

This was a multiple choice question that covered all the 4 THEMES in Natural Sciences and it was relevant to the outcomes prescribed. Most of the candidates got more than 80% and the rest got marks ranging between 10% and 20%. This is the only question in which learners achieved their best marks.

QUESTION 2

This question was based specifically on Life and Living and learners did not do as well as expected. Some learners seemed confused in question 2.4.1 & 2.4.2 where the question asked about technological developments in the circulatory system. All learners could not come up with the correct answer. Only 10 learners got 50% and the rest did not do well.

QUESTION 3

Candidates failed to answer the questions based on Earth and Beyond. It seems as if they did not have the sound knowledge of how seasons, day & night and global warming occur. I really expected learners to pass this question because it was based on what is happening in our environment or in planet Earth.

QUESTION 4

There were questions that were not understood by the learners. Question 4.3 was a high order question in which learners were expected to calculate the elements and compounds of the periodical table. No learner in ABET could answer that type of question. This question was poorly answered by learners.

QUESTION 5

Natural Sciences have its own concepts or terms that need appropriate definitions. This question was based on Energy and Change and there were simple terms that learners failed to explain (conduction, convection and radiation). It seems as if 90% of the learners failed to answer this question.

QUESTION 6

This was the most poorly answered question. Many candidates lost marks in this area. Learners were given an extract to read on water pollution and those who attempted to answer the question did not do well because they expected the answers to come straight from the passage, and some of the questions wanted their background knowledge on the subject matter.

QUESTION 7

This question was also poorly performed. Those who attempted to answer this question also expected answers to come from the extract.

7. ANY ADVICE THAT YOU COULD GIVE TO EDUCATORS TO HELP LEARNERS TO REACH THE EXPECTED LEVELS

Natural science has its own language and concepts that cannot be simplified, Educators need to use previous question papers when doing revision, and teach learners all the themes in Natural Sciences and cover all the learning outcomes prescribed per theme.

8. ANY OTHER COMMENTS

National Examiners should not to ask questions that are ;

8.1 Too mathematical

8.2 Concepts not commonly used in (rock salt, incineration)

8.3 Abbreviations that have different meanings in different learning areas (CFC).