

Geology May 2015

Overall

- Most papers were readable and easy to mark: Handwriting overall neat, most answers easily obtained.
- Most of the questions were answered
- Students did not read the questions properly
- 2 Students wrote their names and were automatically zeroed
- 1 Student wrote in pencil
- 1 Student signed whenever he made a mistake and corrected. Continued marking because no name or surname could be identified
- Most students were familiar with terms but used it incorrectly
- Time did not seem to be a concern, all students seemed to finish.
- It was clear that most students did not prepare or did not study

Question 1

Match the correct answer in Column B with the statement in Column A. New Question and most of the students obtained an average of 40% for it.

Question 2

Name and Explain 5 (Five) Physical Characteristics of Minerals and give examples accordingly?

Most students described Rocks rather the Minerals. Question was not properly read. Those that did answer characteristics did not explain and give examples as requested. An average of 31% was obtained for this question.

Question 3

Previous Question

a) Name 5 metals of the Platinum Group Metals (PGM) and their uses

b) Describe in which depositional environments you would find these Platinum Group Metal Deposits?

Study question. An average of 23% for this question was obtained. Most students answered part (a) of the question and obtained some marks. Unfortunately most students could not describe the depositional environments (b) for Platinum Group Deposit. Most did obtain marks for "Bushveld Complex" and "Merensky Reef".

Question 4

Diamonds and their environment

Also a previous question. 29% average was obtained for this question. Some students did very well in the question, where others did very poorly which gave me an indication that they didn't study.

Question 5

Give the definitions of the following: Dip, Strike and the purpose of measuring it

An average of 50% was obtained for this question. Most people could answer what Dip and Strike is but could not explain the purpose of it.

Question 6

Only an average of 14% for this question was obtained. The PRACTICAL question was poorly answered. Students can't construct and analyse a map and interpret the information. Some students did not understand the principle strike and dip concept which was a major concern.