

Province of the

EASTERN CAPE

EDUCATION

**DIRECTORATE SENIOR CURRICULUM MANAGEMENT (SEN-FET)**

HOME SCHOOLING SELF-STUDY WORKSHEET

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| **SUBJECT** | **GEOGRAPHY** | **GRADE** | **10** | **DATE** | **6/07/20** |
| **TOPIC** | **GEOMORPHOLOGY** | **TERM 2****REVISION** | **√√** | **TERM 2 CONTENT** | **√√** |
| **THE STRUCTURE OF THE EARTH AND PLATE TECTONICS** | **TIPS TO KEEP HEALTHY****1. WASH YOUR HANDS thoroughly with soap and water for at least 20 seconds. Alternatively, use hand sanitizer with an alcohol content of at least 60%.****2. PRACTICE SOCIAL DISTANCING – keep a distance of 1m away from other people.****3. PRACTISE GOOD RESPIRATORY HYGIENE: cough or sneeze into your elbow or tissue and dispose of the tissue immediately after use.****4. TRY NOT TO TOUCH YOUR FACE. The virus can be transferred from your hands to your nose, mouth and eyes. It can then enter your body and make you sick.** **5. STAY AT HOME.**  |
| **INSTRUCTIONS** |  |

**QUESTION1**

* 1. Refer to FIGURE 1.1 which shows various igneous intrusions.

[

Source:

*Google Images*

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1.1.1 Label the igneous intrusions indicated by letters **A**, **B, C** and **D** as

 dyke, sill, batholith and laccolith. (4)

* + 1. Name the process that is responsible for the exposure of intrusive

 igneous features on the Earth surface. (1)

* + 1. Which letter indicates a volcanic pipe? (1)

* + 1. Name ONE intrusive igneous feature that is associated with granite. (1)
	1. Refer to FIGURE 1.2 which shows Laurasia and Gondwanaland 200 million years ago



* + 1. All the continents and adjacent water masses are divided into

 tectonic plates. What is *plate tectonics*? (1 x 1) (1)

* + 1. Which theory is illustrated in FIGURE 1.2? (1 x 1) (1)

* + 1. Which continent in Gondwanaland is part of both the Southern and Northern hemisphere? (1 x 1) (1)

* + 1. (a) Name TWO continents that formed Laurasia. (2 x 1) (2)

 (b) Name THREE continents that formed Gondwanaland. (3 x 1) (3)

* + 1. What was the name of the single continent that existed before Laurasia and Gondwanaland? (1 x 1) (1)

 1.2.6 Provide THREE points of evidence that suggest that continents were

 once all joined in a single landmass. (3 x 2) (6)

  **[22]**