

Province of the

EASTERN CAPE

EDUCATION

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

**HOME SCHOOLING SELF-STUDY WORKSHEET**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **SUBJECT** | **GEOGRAPHY**  | **GRADE** | **10** | **DATE** | **6/07/20** |
| **TOPIC** | **GEOMORPHOLOGY**  | **TERM 2****REVISION** | **√√** | **TERM 2 CONTENT** | **√√** |
| **THE STRUCTURE OF THE EARTH** | **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** |  |

**QUESTION 1**

1.1 Match a term in COLUMN B with the descriptions in COLUMN A. Write ONLY the correct letter (A–I) next to the corresponding question number (1.1.1–1.1.8) in your ANSWER BOOK. You may use each letter only ONCE.

|  |  |  |  |
| --- | --- | --- | --- |
|  | **COLUMN A**  |  | **COLUMN B**  |
| 1.1.1  1.1.2  1.1.3  1.1.4  1.1.5  1.1.6   | The point in the earth’s crust where an earthquake begins  Violent shaking of the earth’s crust caused by movement along a fault  The study of the earth’s physical features and the processes that create them  Liquid rock that flows on the surface of earth  Liquid rock inside the earth’s crust  The illustration of the seismic wave pattern produced by an earthquake   | A  B  C  D  E  F  G  H  I  | Vent  Tsunami  Seismograph  Seismogram  Magma  Lava  Geomorphology  Earthquake  Focus  |
| 1.1.7   | A wave of water produced when an earthquake occurs under the ocean   |  |  |
| 1.1.8  | Pipe that leads through a volcanic cone to the surface  |  |  |

(8x 1) (8)

1.2 Study the sketch below in FIGURE 1.2 showing the internal structure of the

 earth and answer the questions that follow.

[

Source:

G

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**D**

**C**

**B**

**A**

1.2.1 Label the layers indicated by letters **A**, **B**, **C** and **D**. (4 x 1) (4)

 1.2.2 Identify the layer suitable for human life. (1 x 1) (1)

 1.2.3 Layer **B** is hotter than layer **A**.

 Provide a reason for that. (1 x 2) (2)

 1.2.4 Explain how layer **C** differs from layer **D**. (2 x 2) (4)

 1.2.5 Differentiate between *continental crust* and *oceanic crust*. (2 x 2) (4)

 **[23]**