

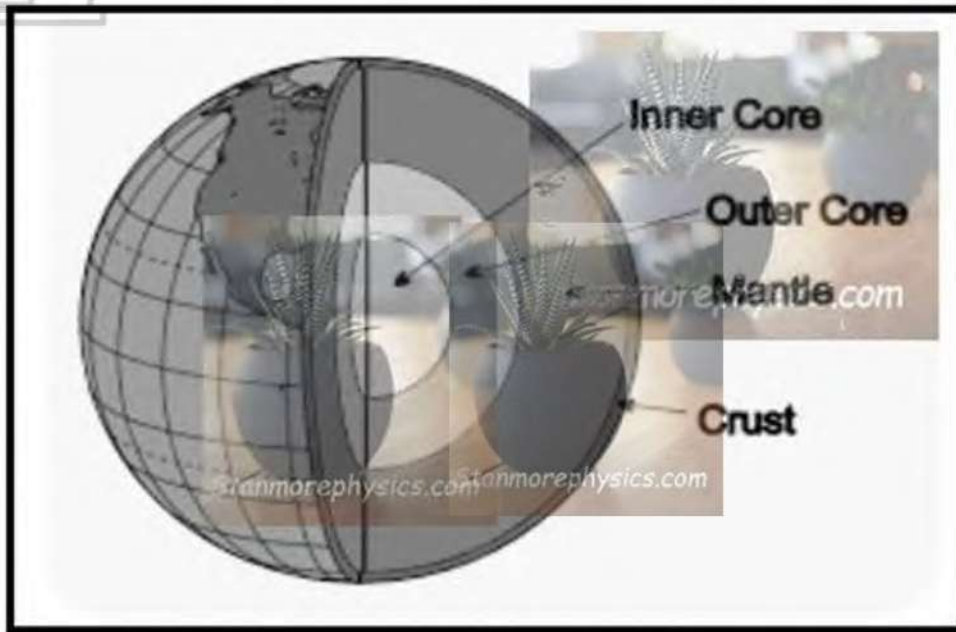


Iphondo leMpuma Kapa: Isebe leMfundo  
Provinsie van die Oos Kaap: Departement van Onderwys  
Porafensua Ye Kapa Botshabela: Lefapha la Thuto

SUBJECT	:	GEOGRAPHY
CODE	:	GEOG
GRADE	:	10
TASK	:	TEST 3
TOTAL TIME	:	50 MINUTES
TOTAL MARKS	:	30
IMPLEMENTATION	:	MAY 2026

**QUESTION 1: GEOMORPHOLOGY**

1.1. Study the diagram showing the structure of the earth. Give **ONE** term that best describes the descriptions below. Write only the term next to the question number in the answer book. The same concept may be used more than once e.g. **2.1.8 Crust**



[Source: Google Image]

- 1.1.1. The layer is semi molten and about 2900 km thick.
- 1.1.2. A very solid layer and the depth of this layer varies between 10 km and 70 km.
- 1.1.3. This layer is extremely hot and solid because of extreme pressure.
- 1.1.4. Nickel and Iron is found in this layer.
- 1.1.5. This layer is thicker under the continents and thinner under the oceans.
- 1.1.6. Continental Plates drift on this layer.
- 1.1.7. This layer is mostly formed on granite.

1.2. Match the terms in **COLUMN B** with the description in **COLUMN A**, write only the correct Letter (A-H) next to the corresponding question number. (1.2.1-1.2.8) in the answer book, **for example, 1.2.1. A**

<b>COLUMN A</b>	<b>COLUMN B</b>
1.2.1. A rock that has been changed by heat, pressure or both.	A. Fold mountain
1.2.2. An example of igneous rock	B. Sedimentary rock
1.2.3. Metamorphic rock which changes from granite	C. Metamorphic rock
1.2.4. Rocks which form when magma cools.	D. Granite
1.2.5. Rocks which form from plants and animals that was once alive.	E. Gneis
1.2.6. Remains of plants and animals	F. Igneous rock
1.2.7. Mountains formed by the compression of sedimentary rock strata during plate movement	G. Anticline
1.2.8. The bottom part of a fold	H. Fossils

Question 2

2.1. Refer to figure 2.4 detailing different collections of igneous rocks and answer the questions that follow:

FIGURE 2.4: TYPES OF IGNEOUS ROCKS



[Source: Google Images]

- 2.1.1. Define the term igneous rock. (1x1) (1)
- 2.1.2. Name any THREE types of igneous rocks from figure 2.4. (3x1) (3)
- 2.1.3. Igneous rocks form from magma. What is magma? (1x1) (1)
- 2.1.4. Explain how igneous rocks are formed? (2x2) (4)
- 2.1.5. Discuss THREE uses of igneous rock. (3x2) (6)



Province of the  
**EASTERN CAPE**  
EDUCATION



Iphondo leMpuma Kapa: Isebe leMfundo  
Provinsie van die Oos Kaap: Departement van Onderwys  
Porafensu Ye Kapa Botshabela: Lefapha la Thuto

### MARKING GUIDELIME

SUBJECT	:	GEOGRAPHY
CODE	:	GEOG
GRADE	:	10
TASK	:	TEST 3
TOTAL TIME	:	50 MINUTES
TOTAL MARKS	:	30
IMPLEMENTATION	:	MAY 2026

**QUESTION 1: GEOMORPHOLOGY**

1.1.Mantle

1.2.Crust

1.3.Inner core

1.4.Outer core

1.5.Crust

1.6.Mantle

1.7.Crust

(1X7) 7

1.2.1 C

1.2.2 D

1.2.3 E

1.2.4 F

1.2.5 B

1.2.6 H

1.2.7 A

1.2.8 G

(1X8) 8

**QUESTION 2**

2.1.1 Rocks which form when magma cools.

(1x1)

2.1.2 Basalt

Dolerite

Granite

(3x1) 3

2.1.3 Magma- Molten rock.

(1x1) 1

2.1.4 It forms when the release of pressure causes magma to travel up the line of weakness.

The magma then Solidifies either under or over the earth surface.

This becomes intrusive or extrusive igneous rocks

(Any 2x2) 4

**2.1.5 Uses of Igneous rocks**

- Contains valuable metals such as copper, gold, iron and manganese.
- Serves as building materials
- Countering tops
- Floor covering
- Can be used to make tombstones

(Any 3x2) 6

