education

Department of Education
FREE STATE PROVINCE

GEOGRAPHY

GRADE 10

MARKING GUIDELINE

TESTS 1



MARKS: 60

TIME: 1 HOUR

1.1

1.1.1 C
1.1.2 D
1.1.3 C
1.1.4 A
1.1.5 B
1.1.6 D
1.1.7 B
1.1.8 B (8)

1.2

1.2





1.2.1 X
1.2.2 Y
1.2.3 Y
1.2.4 Y
1.2.5 Y
1.2.6 X
1.2.7 X (7)

1.3

1.3.1 Layer of gases that surrounds the earth. (1x1)(1)

1.3.2 B-Stratosphere
D-Thermosphere (2x1)(2)

1.3.3 Stratosphere contains ozone layer which filters ultra violet rays that increases temperatures. (1x2)(2)

1.3.4.a) Decreasing because of the increase in Cfk's in the atmosphere, caused by human activities. (1x2)(2)

1.3.4.b) it can affect peoples eyes,causes blindness or cataracts.

It can cause faster ageing skin/wrinkles sooner

It can weaken immune system

(ANY TWO) (2x2)(4)

1.3.4.c) People should use ozone friendly products

The government should ensure that companies manufacture products that are not made from ozone-depleting chemicals.

Richer countries should financially assist countries that cannot afford to use the technology required to replace the ozone-depleting chemicals in certain products.

Countries should continue adhering to international agreements that combat ozone depletion, like the Kyoto Protocol.

Continuously monitoring the ozone layer and atmospheric concentrations of ozone-depleting substances to track progress and identify any potential issues.

Educating the public about the importance of the ozone layer and the dangers of ozone-depleting substances is crucial.

(ANY TWO) (2x2)(4)(15)

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1.4

1.4.1 A- Benguela current

B- Aghulhus/Mozambique current (2x1)(2)

1.4.2. A- cold and dry

B- warm and moist (2x2)(4)

1.4.3 It brings warm and moist/rainy weather (1x2)(2)

1.4.4.a Latitude (1x1)(1)

1.4.4.b Equator (1x1)(1)

1.4.4.c Receives direct sunlight

Heating is concentrated over a small area

The sun's shortwaves travels through a shorter distance, thus less heat gets lost through scattering, absorption and reflection.

(ANY TWO) (2x2)(4)

1.4.4.d Poles (1x1)(1)(15)

1.5

1.5.1 lines on the weather map joining places of equal atmospheric pressure. (1x2)(2)

1.5.2 4 hPa (must write a unit of measurement) (1x1)(1)

1.5.3 The atmospheric pressure decreases towards the centre of low pressure. (1x2)(2)

1.5.4 Cold front (1x1)(1)

1.5.4 Frontal rain (1x1)(1)

1.5.5 Formed when warm air is forced to rise at cold front
Cold air wedges underneath
The warm air cools as it rises
and condenses forms clouds, which can results in rain. (4x2)(8)(15)

GRAND TOTAL: 60