



LIMPOPO

PROVINCIAL GOVERNMENT
REPUBLIC OF SOUTH AFRICA

DEPARTMENT OF
EDUCATION

GRADE 8

GEOGRAPHY

CONTROLLED TEST

MAY/JUNE 2026

MARKS: 75

DURATION: 2 HOURS

This question paper consists of 10 pages, including the cover page.

INSTRUCTIONS AND INFORMATION

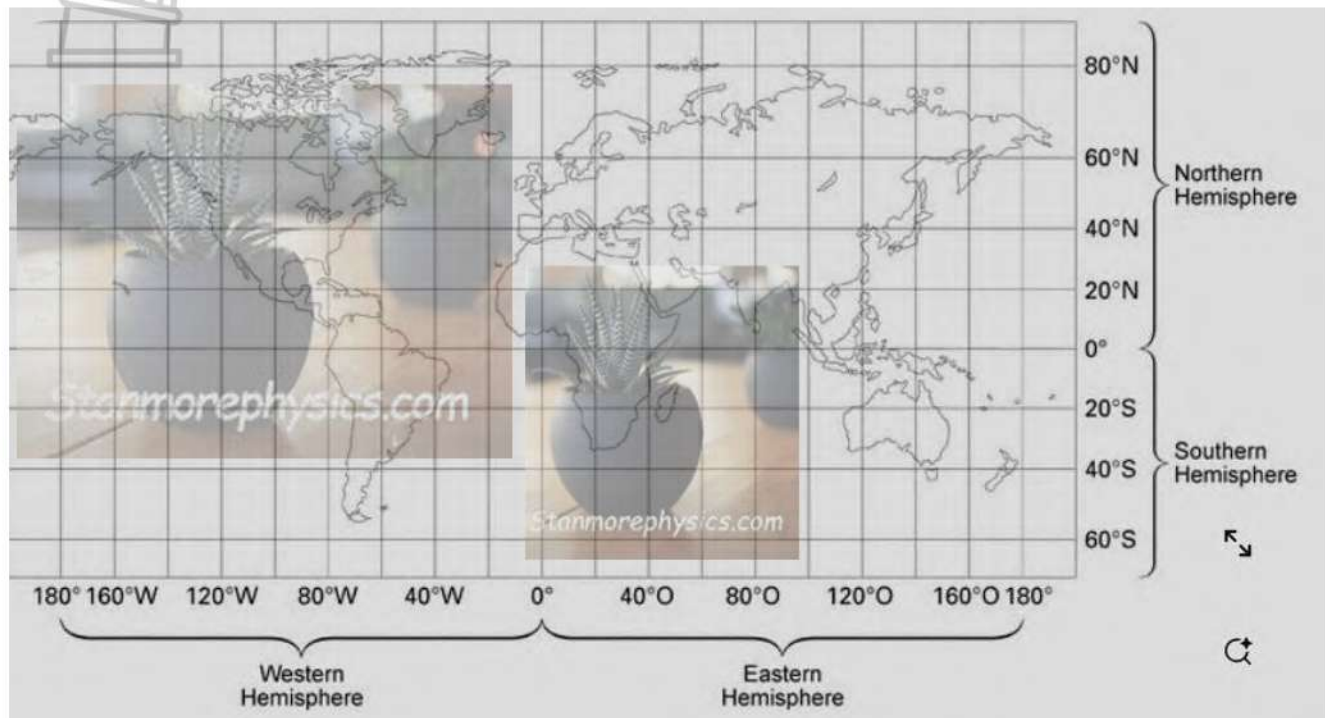
1. This paper consists of **TWO** compulsory sections.
2. Number your answers correctly according to the numeric system on the question paper.
3. Study all the sources and texts thoroughly as it contains clues that will assist you in answering some of the questions.
4. The mark allocation at each question will be an indication on how to answer the specific question.
5. Leave a line open after each answer.
6. Write neatly and legible.



SECTION A (MAPS AND GLOBES)**QUESTION 1**

Study the map world with latitudes and longitude lines and answer the questions below:

Figure 1.1 World map with latitude and longitude lines



<https://www.co.za>

1.1 Various options are provided as possible answers to the following questions.

Choose the answer and write only the letter (A-D) next to the question numbered (1.1 to 1.5) in the answer sheet, for example 1.1.6 A.

1.1.1 ... uses a statement in words to describe the scale of the map.

- A Ratio scale
- B Line scale
- C Word Scale
- D Scale

(1)

1.1.2 ...is the 0° line of latitude.

- A Meridians
- B Equator
- C Longitude lines
- D International Date Line

(1)

1.1.3 ... is the most important line of longitude.

- A Greenwich meridian
- B Parallel arcs
- C Coordinates
- D Axis

(1)

1.1.4 The world's time zones should change by one hour for every ... degrees of longitude.

- A 5
- B 10
- C 15
- D 25

(1)

1.1.5 The equator divides the earth into the ... hemispheres

- A northern and southern
- B western and eastern
- C northern and eastern
- D southern and western

(1)

(5 x 1) (5)

QUESTION 2 : REFER TO FIGURE 1.1 ABOVE TO ANSWER THE QUESTIONS BELOW.

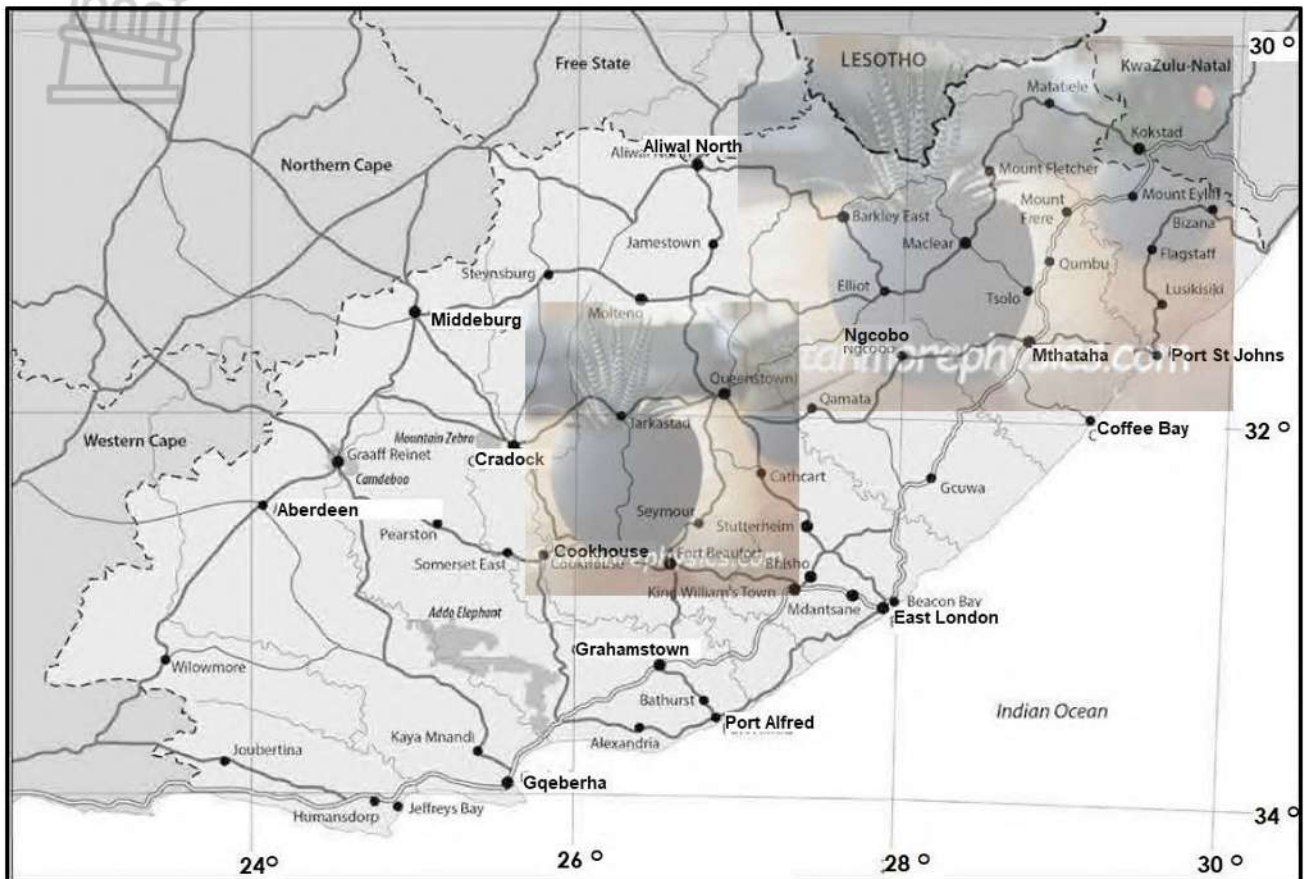
2.1. Choose a description from COLUMN B that matches the term in COLUMN A. Write only the letter (A – E) next to the question number (2.1 to 2.5), for example 2.6 G.

COLUMN A	COLUMN B
2.1.1 Time zone	A. The imaginary line through the earth. (1)
2.1.2 Rotation	B. One of the 24 divisions of earth's surface which have the same time. (1)
2.1.3 Earth's axis	C. A way of accurately representing objects smaller than their real size (1)
2.1.4 International Date Line	D. The line of longitude opposite the Greenwich Meridian where times change by one day between the western and eastern hemispheres (1)
2.1.5 Scale	E. Turning around a fixed point (1)

(5 x 1) (5)

QUESTION 3

3.1. Study the map below of the Eastern Cape and answer the questions that follow.



<https://www.googlemaps.co.za>

3.1.1 Name the towns found at each of the following sets of coordinates:

(a) $32^{\circ}10' \text{ S}; 25^{\circ}40' \text{ E}$ (1x2)(2)

(b) $33^{\circ}55' \text{ S}; 25^{\circ}40' \text{ E}$ (1x2)(2)

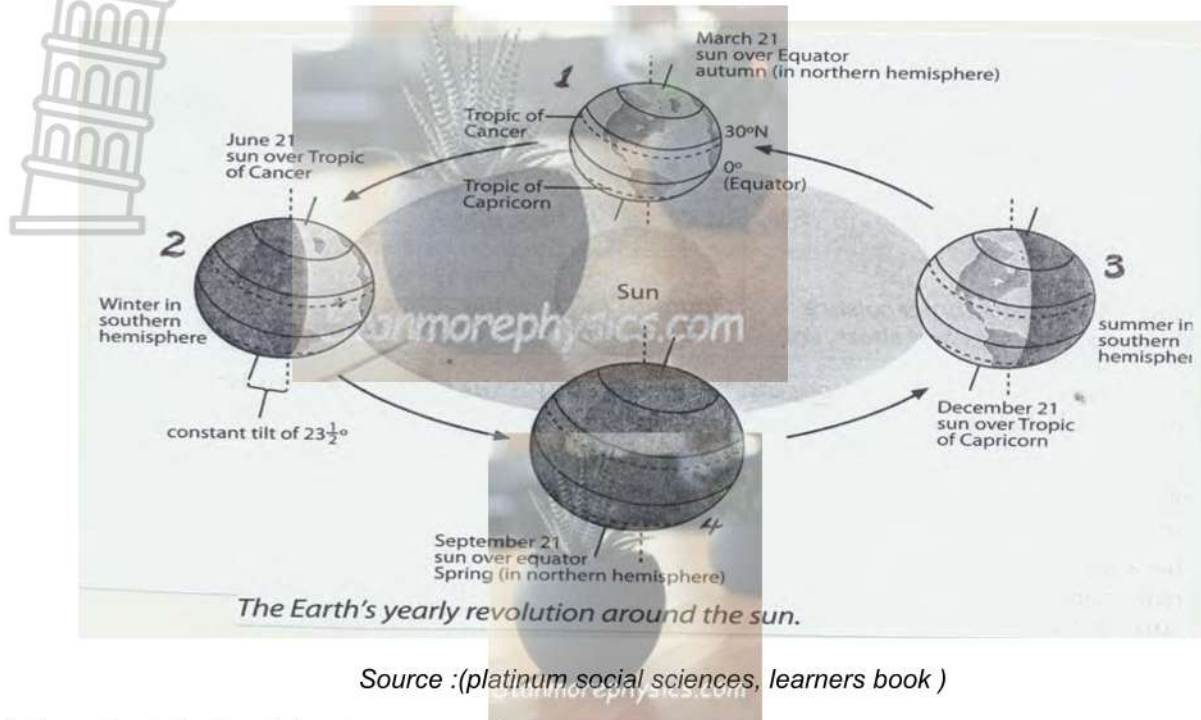
(c) $31^{\circ}40' \text{ S}; 28^{\circ}40' \text{ E}$ (1x2)(2)

3.1.2 Name one city that is next to the Indian Ocean (1x1)(1)

(7)

QUESTION 4

4.1. Refer to the diagram below showing equinox and solstice.



4.1.1 Explain the following concepts:

- | | |
|--------------|-------------|
| (a) Equinox | (1 x 2) (2) |
| (b) Solstice | (1 x 2) (2) |

4.1.2 Identify events in the Southern Hemisphere that occur on the following dates:

- | | |
|------------------|-----------|
| (a) 21 March | (1x1) (1) |
| (b) 21 September | (1x1) (1) |
| (c) 21 December | (1x1) (1) |
| (d) 21 June | (1x1) (1) |

4.1.3 Explain how the tilt of Earth's axis affects the length of day and night during different seasons.

(2 x 1) (2)

(10)

QUESTION 5

5.1 Refer to the Satellite image of Cape Town -South and answer the questions below:



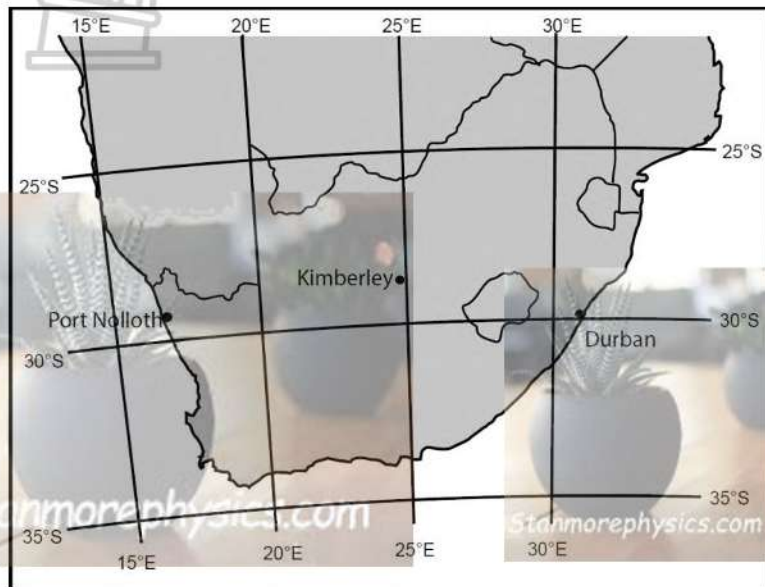
Source: <https://www.googlemap.co.za>

- 5.1.1 Define the concept satellite image. (1x2) (2)
- 5.1.2 What is the satellite image above showing? (1x1) (1)
- 5.1.3 Describe the common use of satellite images? (1x2) (2)
- 5.1.4 Identify **THREE** information found in the above satellite image. (3x1) (3)
- (8)**

SECTION A: [35]

SECTION B: CLIMATE REGIONS (40 MARKS)**QUESTION 06**

- 6.1 Durban and Port Nolloth, (shown on the map below) are both coastal cities in South Africa. Study the map of South Africa and the table with selected cities' temperatures. Answer the questions that follow.



Place	Highest temperature	Lowest Temperature	Temperature range
<i>Kimberley</i>	33°C	-4°C	
<i>Durban</i>	28°C	10°C	18°C
<i>Port Nolloth</i>	24°C	9°C	15°C

<https://www.co.za>

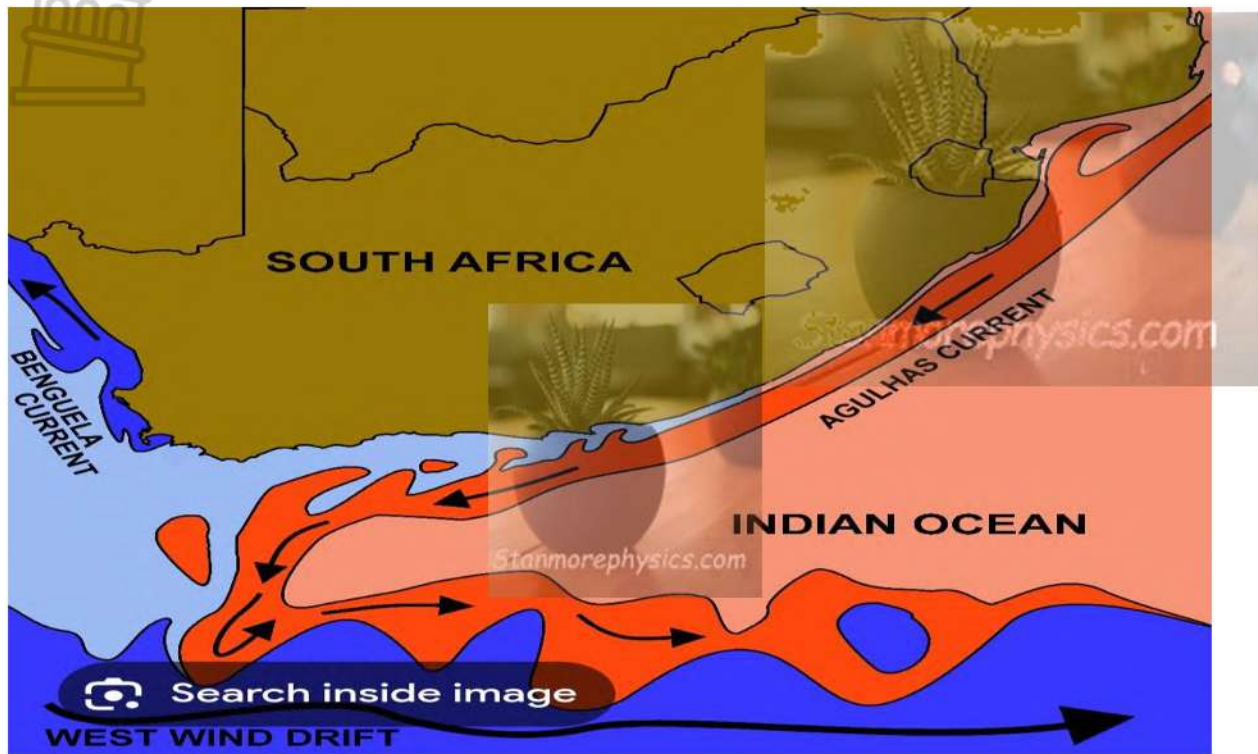
- 6.1.1 What is meant by the concept 'temperature range'? (2x1)(2)
- 6.1.2 Give four (4) factors that influence temperature and rainfall. (1x4) (4)
- 6.1.3 What is the temperature range for Kimberly? (1x)2 (2)
- 6.1.4 Identify which of the three towns has the greatest range of temperatures and give climatic reasons for your answer. (1x3) (3)
- 6.1.5 Durban and Port Nolloth are both at sea level, and Port Nolloth is slightly closer to the equator than Durban. Durban, however, has higher summer and winter temperatures than Port Nolloth, explain why this is so. (1x3) (3)

6.1.6 Give the concept that refers to height above sea level.

(1x1) (1)

(15)

6.2 Study the physical map of South Africa below and answer the questions that follow.



Source: <https://www.googlemap.co.za>

6.2.1 Name the cold ocean current found on the west coast of South Africa. (1x1) (1)

6.2.2 Identify the warm ocean current that flows along the east coast. (1X1) (1)

6.2.3. Describe one effect of the Agulhas current on the climate of east coast of South

Africa.

(2x1) (2)

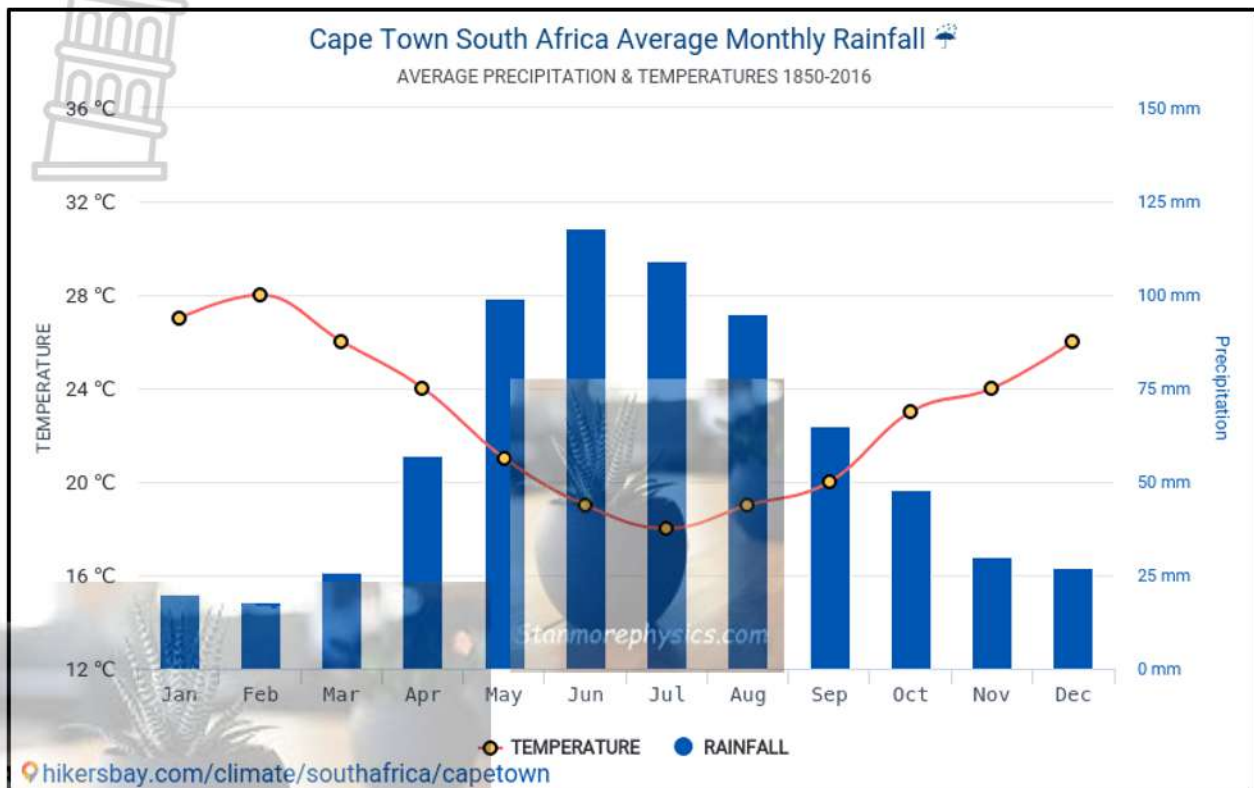
6.2.4. In a paragraph of approximately 8 lines , explain how ocean currents influence rainfall on the west and east coast of South Africa.

(8x1)8

Stanmorephysics.com

(12)

6.3 Study the climate graph for Cape Town and answer the questions that follow.



6.3.1 Differentiate between weather and climate (2x2)(4)

6.3.2 State the maximum and minimum temperatures recorded in Cape Town. (2x1)(2)

6.3.3 During which season does Cape Town receive most of its rain? (1x2)(2)

6.3.4 List THREE elements of weather (3x1)(3)

6.3.5 Name any TWO kinds of climate in South Africa. (2x1)(2)

(13)

SECTION B: [40]

TOTAL MARKS: [75]



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MARKING GUIDELINES

MAY/JUNE 2026

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MARKS: 75

This marking guideline consists of 5 pages, including the cover page.

SECTION A (MAPS AND GLOBES)

QUESTION 1

- 1.1
- 1.1.1 C ✓ (1)
- 1.1.2 B ✓ (1)
- 1.1.3 A ✓ (1)
- 1.1.4 C ✓ (1)
- 1.1.5 A ✓ (1) (5)

QUESTION 2

- 2.1
- 2.1.1 B ✓ (1)
- 2.1.2 E ✓ (1)
- 2.1.3 A ✓ (1)
- 2.1.4 D ✓ (1)
- 2.1.5 C ✓ (1) (5)



QUESTION 3

- 3.1
- 3.1.1 (a) Cradock ✓✓ (2)
- (b) Gqeberha ✓✓ (2)
- (c) Mthatha ✓✓ (2)
- 3.1.2 East London / Gqeberha / Port Alfred/Port St Johns ✓ (1)
- (7)

QUESTION 4

4.1

4.1.1 (a) **Equinox:** the length of day and night have the same number of hours. (12-hour day and 12-hour night globally). √√ (2)

(b) **Solstice:** one hemisphere has the longest number of hours of daylight and the opposite hemisphere shortest number of hours of daylight. √√ (2)

4.1.2

(a) Autumn Equinox √ (1)

(b) Spring Equinox √ (1)

(c) Summer Solstice √ (1)

(d) Winter Solstice √ (1)



4.1.3 In summer axis points towards the sun meaning more of the northern hemisphere √ is in daylight causing longer summer days. In winter the axis points away from the sun, causing shorter days. √ (2)

(10)

QUESTION 5

5.1.1 Satellite images are made from a collection of data obtained by sensors on the satellite. √√ (2)

5.1.2 Settlement / Town / Streets. √ (1)

5.1.3 Weather forecasting / prediction. √√ (2)

5.1.4 Satellite images provide a selection of information about the Earth, such as weather conditions, soil erosion, land use patterns, water availability and vegetation cover. √√√ (Credit 3) (3)

[8]

SECTION A [35]

SECTION B: CLIMATE REGIONS

QUESTION 06

6.1.1 Temperature range – is the difference in value between the highest and lowest temperatures. ✓✓ (2)

6.1.2 Distance from the equator ✓

Distance from the sea ✓

Height above sea level ✓ (4)

Ocean currents ✓

Mountains ✓ (Any 4)

6.1.3 $33^{\circ}\text{C} - 4^{\circ}\text{C} = 37^{\circ}\text{C}$ ✓✓ (2)

6.1.4 Kimberly has the greatest temperature range, because it is far inland. The ocean gases a moderating effect on places at the coast, while places far from the coast have greater extremes of temperature, both between day and night, and between summer and winter. Clouds and moisture in the air help to retain heat, so places inland are drier, and have less water vapour to retain the heat (3)

6.1.5 Ocean currents affect the temperatures of coastal places. Durban has the warm Agulhas current flowing alongside, which brings warm water southwards from the equator. A cold current, the Benguela current, flows northwards along the west coast, lowering the temperatures at Port Nolloth. (3)

6.1.6 Altitude ✓ (1)

(15)

6.2.1 Benguela current ✓ (1)

6.2.2 Agulhas current ✓ (1)

6.2.3 The Agulhas current is warm, so it heats the air above the ocean. This causes more evaporation and leads to high rainfall on the east coast of South Africa. ✓✓ (2)

6.2.4 The learner's response may include amongst others the following:

- East coasts affect by the Agulhas (Mozambique currents)
- Moist air from the ocean moves towards inland rises / evaporates

- More clouds formation results in rainfall
- However (Western coast) experiences less / little rainfall due cold Benguela current related to drier conditions.

Use the rubric below for marking paragraph

Level 1	• Uses evidence in an elementary manner e.g. show little or no understanding. • Use evidence partially to report on topic or cannot report on topic.	Marks: 0-2
Level 2	• Evidence is mostly relevant and relate to a great extent to a topic • Uses evidence in a very basic manner	Marks:3-5
Level 3	• Uses relevant evidence e.g. demonstrate a thorough understanding. • Uses evidence very effectively in an organised paragraph that shows an understanding of the topic	Marks:5-8

(12)

6.3

6.3.1 **Weather:** refers to the short term, day-to-day of the atmosphere (like sunny, rainy, or windy), ✓✓ whereas (2)

Climate: condition of the atmosphere over a long period (average weather Pattern of a region over a long period). ✓✓ (2)

6.3.2 Maximum average temperature is about **28°C** ✓

Minimum average temperature is **18°C** ✓ (2)

6.3.3 Winter ✓ (1)

6.3.4 Temperature / humidity ✓

Wind / Precipitation ✓

Cloudy cover / Air pressure (Pick 3) (3)

6.3.5 Tropical / Subtropical / Desert / Semi desert / Continental

Polar / Mediterranean / Tundra ✓✓ (Pick 3) (2)

(13)

SECTION B:[40]

TOTAL MARKS: 75