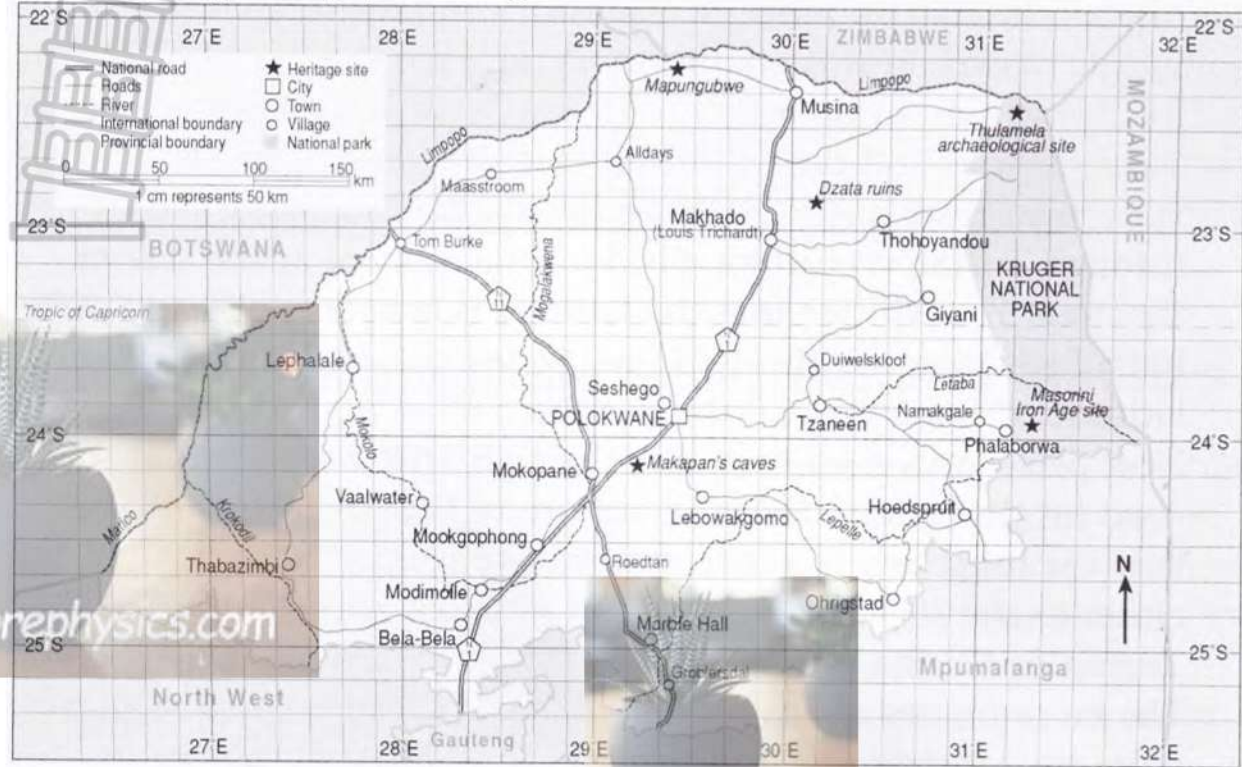




QUESTION 1: MAP SKILLS

1.1 Study Figure 1 below and answer questions that follow

FIGURE 1: Map of Limpopo showing tourists attraction areas



Source: Oxford Successful, grade 8, p10

1.1.1 In which TWO hemispheres is Figure 1 above?

\_\_\_\_\_ and \_\_\_\_\_ 2 X 1 (2)

1.1.2 Write the scale of Figure 1 above as a word scale.

\_\_\_\_\_  
 \_\_\_\_\_ 1 X 1 (1)

1.1.3 Name the Heritage site found in these co-ordinates

a) 22°13'S; 29°25'E \_\_\_\_\_ 1 X 1 (1)

b) 24°08'S; 29°12'E \_\_\_\_\_ 1 X 1 (1)

1.1.4 What are the co-ordinates for the following places

a) Lephalale \_\_\_\_\_ 1 X 2 (2)

b) Groblersdal \_\_\_\_\_ 1 X 2 (2)

1.1.5 The map in Figure 1 is good for Tourists. Support your answer.



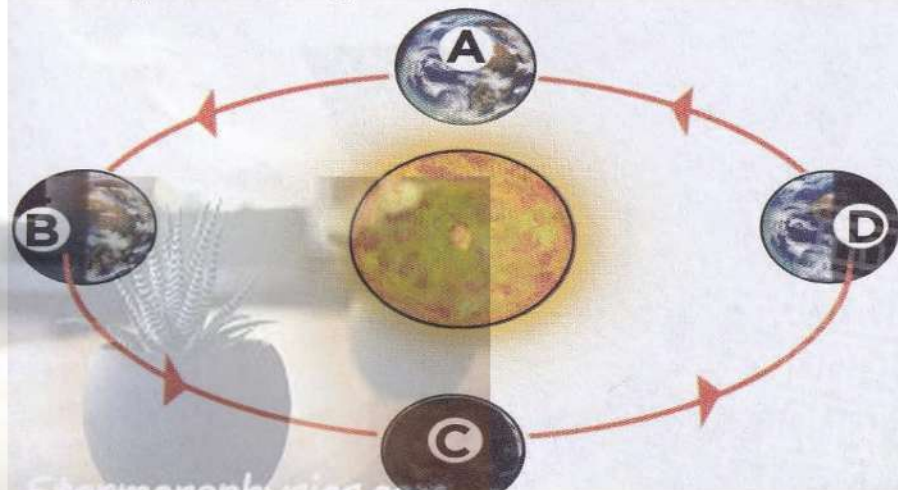
2X 2 (4)  
/13/

1.2 Match Column A with Column B. Write down the **correct letter** in the **Answer Column** provided e.g. 1.1.6 H

Column A	Column B	Answer Column
1.2.1 Greenwich Meridian	A. An area that observes uniform standard time	1.2.1 _____
1.2.2 International Date Line	B. Time zone used by South Africa	1.2.2 _____
1.2.3 South African Standard Time	C. World's standard time	1.2.3 _____
1.2.4 Time zones	D. 0° longitude also known as Prime Meridian	1.2.4 _____
1.2.5 Greenwich Mean Time	E. Lies opposite the Greenwich Meridian and determines the date	1.2.5 _____
		<b>5 X 1 = 5</b>

1.3 Study Figure 2 below and answer questions that follow

**FIGURE 2: Diagram showing earth's revolution around the sun**



Source: Platinum, grade 8, p27

1.3.1 What geographical phenomenon is shown by Figure 2?

\_\_\_\_\_ 1 X1 (1)

1.3.2 Name ONE letter that shows solstice.

\_\_\_\_\_ 1 X1 (1)

1.3.3 During which month is summer solstice in South Africa?

---

1 X1 (1)

1.3.4 Explain what do you understand by term 'equinox'.

---

1 X2 (2)

1.3.5 Differentiate between rotation and revolution.

---

---

2X1 (2)

1.3.6 Explain TWO results of the earth's revolution.

---

---

2X1 (2)

1.3.7 'People who live on the Equator do not experience the different seasons?'  
Support this statement.



---

---

1X3 (3)

**(12)**

1.4

Downloaded from Stanmorephysics.com  
Study the figure 3 below and answer questions that follow

**FIGURE 3: A satellite orbiting the earth**



Source: Oxford Successful, grade 8, p23

1.4.1 What is a satellite?

\_\_\_\_\_

1X1 (1)

1.4.2 Explain why the satellite images are important to the following people;

a) Meteorologists (weatherman) \_\_\_\_\_

\_\_\_\_\_

1X2 (2)

b) Farmer \_\_\_\_\_

\_\_\_\_\_

1X2 (2)

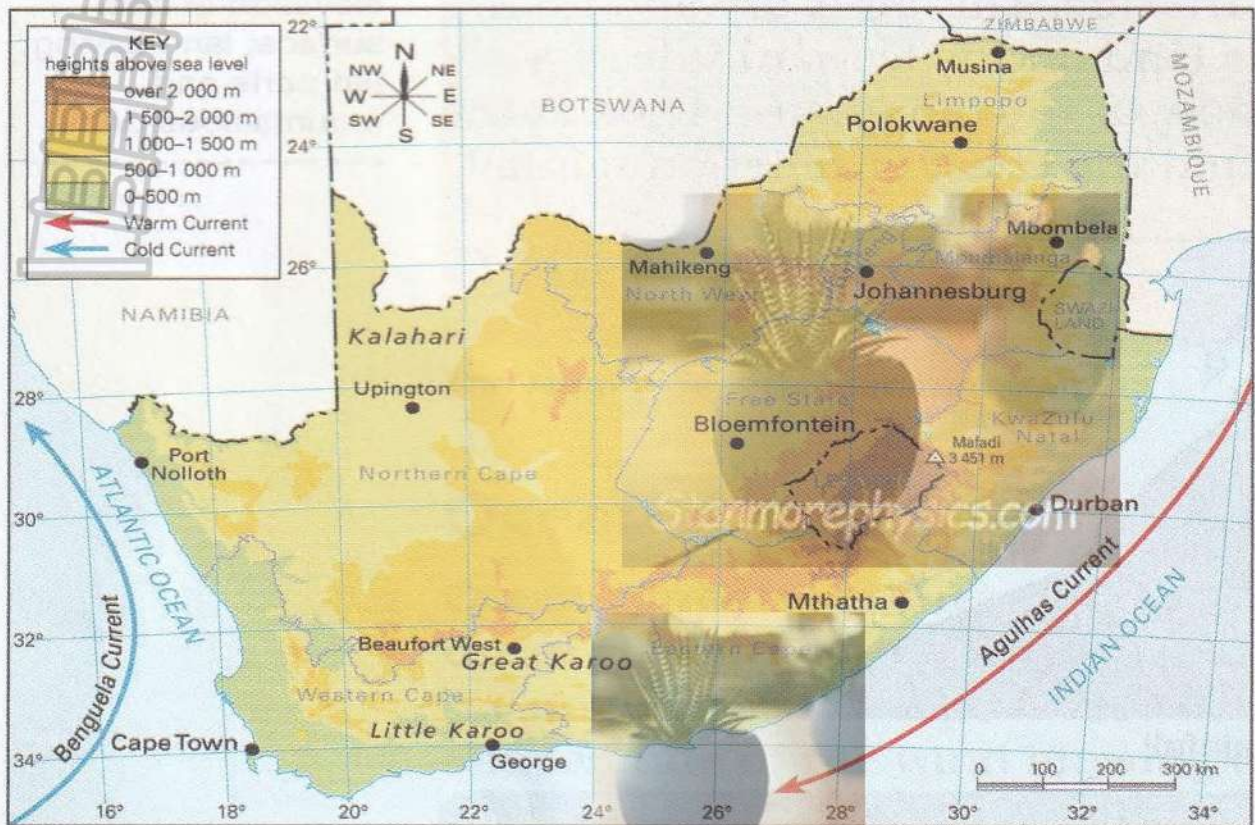
(5)

**Term 1 – Total = /35**

QUESTION 2: CLIMATE REGIONS

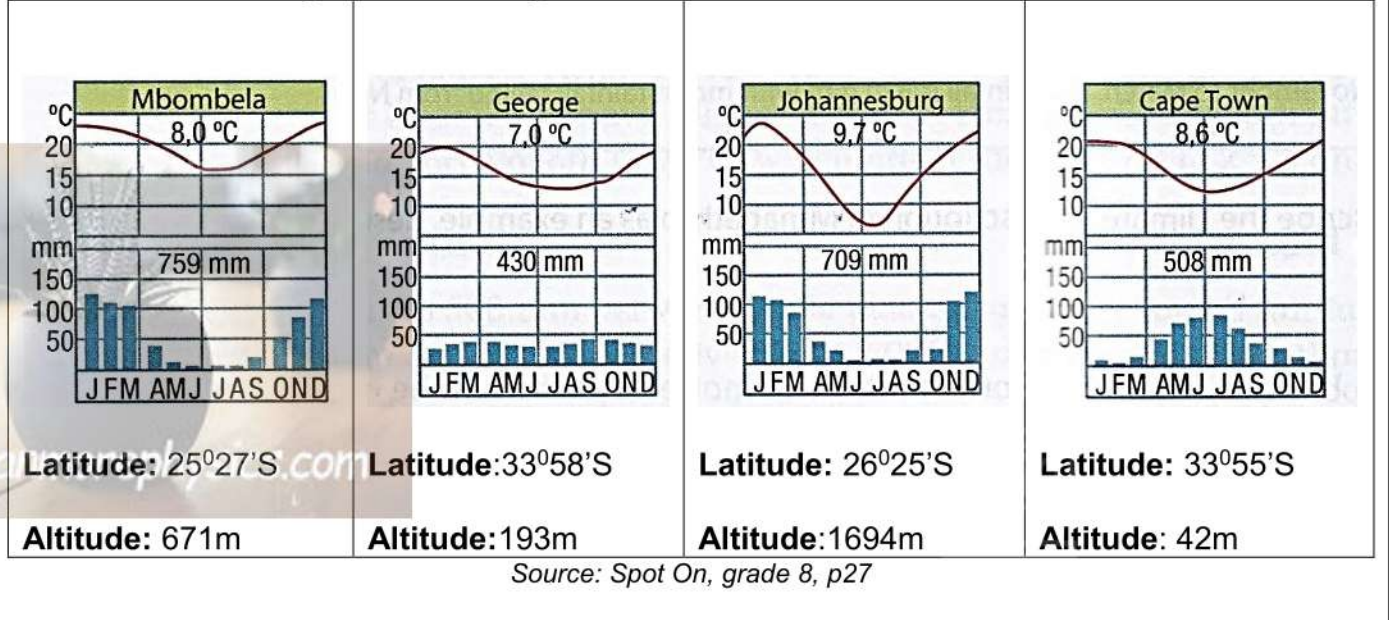
2.1 Study Figure 4 and Figure 5 below and answer questions that follow

FIGURE 4: Physical map of South Africa showing important towns and cities



Source: Oxford Successful, grade 8, p54

FIGURE 5: Climate graphs showing selected towns and cities



2.1.1 Name **TWO** factors that influence temperature and rainfall.

\_\_\_\_\_

\_\_\_\_\_

1X1 (1)

1X1 (1)

2.1.2 Which side of South Africa has the highest altitude in Figure 4; east or west?

\_\_\_\_\_

1X1 (1)

2.1.3 Identify the warm Ocean Currents in Figure 4.

Warm Ocean Current \_\_\_\_\_

1X1 (1)

2.1.4 Figure 5 is showing climate graphs, the **bar graph** at the bottom and **line graph** at the top. Identify the graph for temperature and the graph for rainfall

Bar graph \_\_\_\_\_

1X1 (1)

Line graph \_\_\_\_\_

1X1 (1)

2.1.5 Explain how latitude affects temperature and rainfall for Mbombela and George.



\_\_\_\_\_

\_\_\_\_\_

2x2 (4)

2.1.6 Explain why George receives rain fall throughout the year but has the lowest annual average.

\_\_\_\_\_

\_\_\_\_\_

2x2 (4)

2.1.7 'Johannesburg and Cape Town differ in temperature and rainfall'. Evaluate this difference in relation to latitude and altitude.

\_\_\_\_\_

\_\_\_\_\_

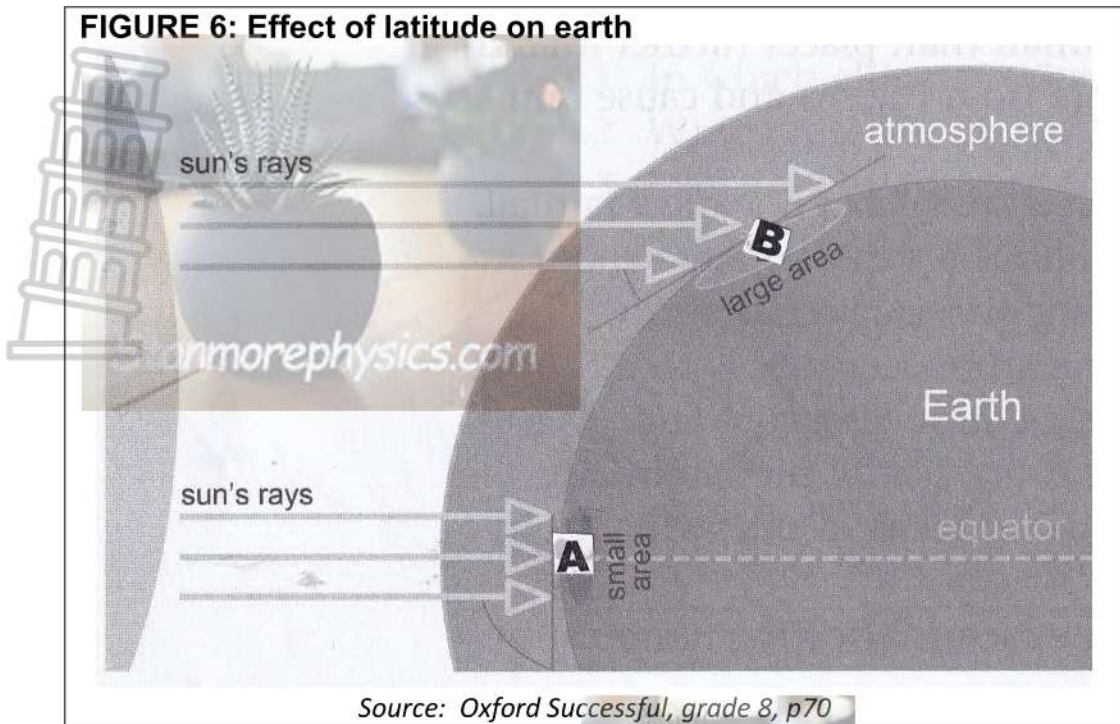
\_\_\_\_\_

2x2 (4)

**/18/**

2.2

Study Figure 6 below and answer questions that follow



2.2.1 Where do the sun's rays strike the earth at a more direct angle, at A or B?

\_\_\_\_\_ 1X1 (1)

2.2.2 Where do sun's rays strike a greater area of the earth's surface, at A or B?

\_\_\_\_\_ 1X1 (1)

2.2.3 Where will it be hotter, at A or B?

\_\_\_\_\_ 1X1 (1)

2.2.4 Identify the important line of latitude in Figure 6 above.

\_\_\_\_\_ 1X1 (1)

2.2.5 Identify the factor affecting temperature in Figure 6 above

\_\_\_\_\_ 1X1 (1)

2.2.6 Identify the kind of climate linked with Area A and describe its climate.

Kind of Climate \_\_\_\_\_ 1X1 (1)

Description \_\_\_\_\_

\_\_\_\_\_ 2X2 (4)

