Question 1: *Refer to the climate graph below and answer the questions which follow:*

Average Annual rainfall and temperatures of Stellenbosch, SA
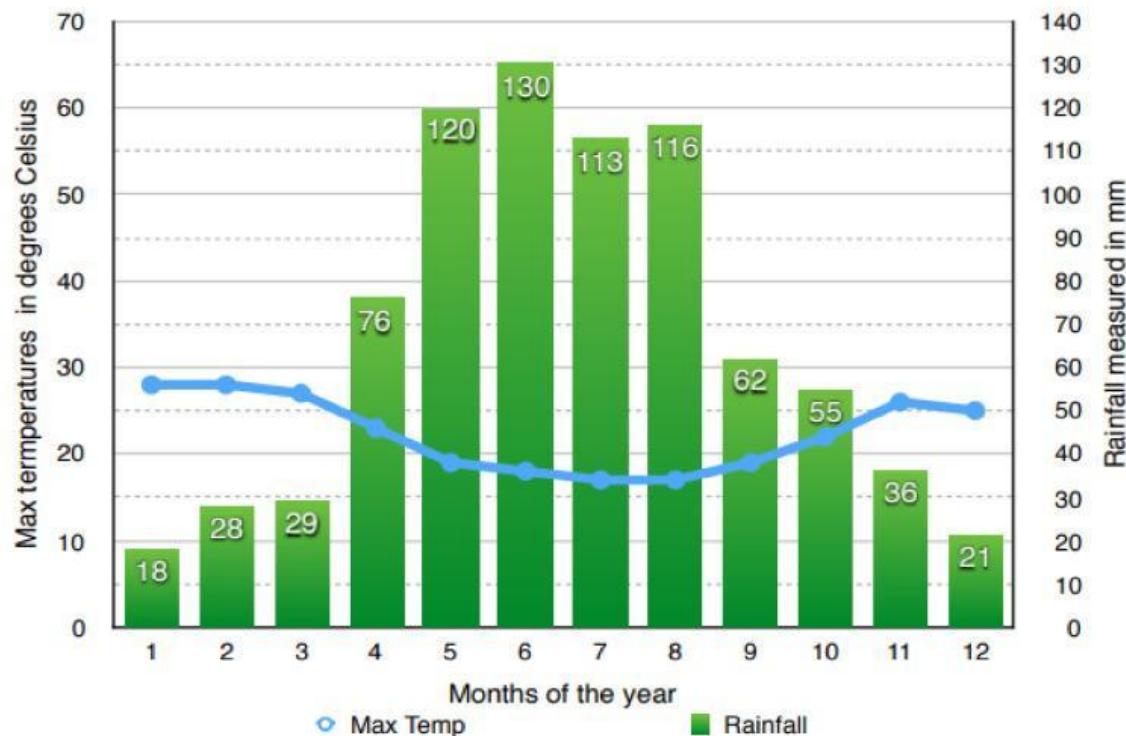
1.1   In which month/s were the highest maximum temperatures recorded?   (2)

_____

1.2   In which month/s were the lowest rainfall recorded?   (1)

_____

1.3   What is the difference between the highest and lowest rainfall recorded?   (2)

_____

1.4   Temperatures above 20°C is recorded between _____ and

_____   (2)

1.5   Give two months in which the average annual temperatures recorded were the same.   (2)

_____

1.6   Complete the following: (6)

Stellenbosch has a _____ climate with temperatures ranging between _____

and _____. The winters are _____ and the summers are relatively _____.

Stellenbosch is in the Western Cape, which is a _____ rainfall region.

1.7   Calculate the average **monthly** rainfall for Stellenbosch.   (2)

_____

_____

Question 2: *Refer to the climate graphs below and answer the questions which follow:*

Graph A:

Average Temperature (°c) Graph for Johannesburg
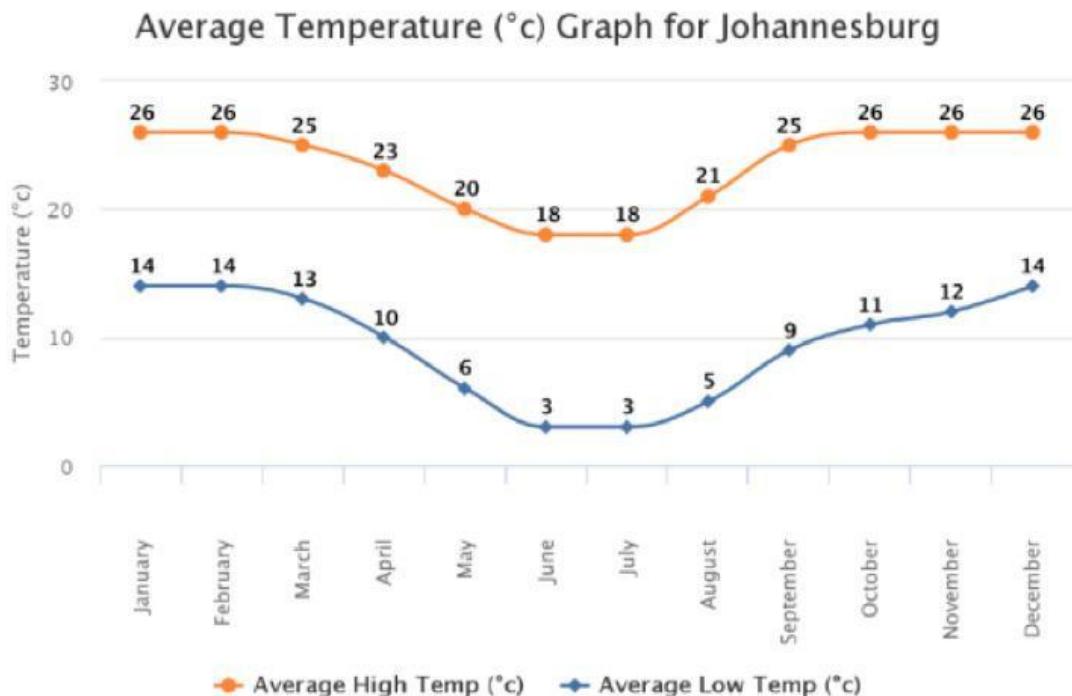

2.1 Graph A:

2.1.1 In which month/s is the difference between minimum and maximum temperatures the greatest? Give the difference. (2)

_____

_____

2.1.2 Which months have the highest minimum temperatures? (3)

_____

_____

2.1.3 Calculate the average **monthly** maximum temperature for Johannesburg (round off to the nearest whole). (2)

_____

_____

2.14 Calculate the average day-time temperature for the month of March. (1)

_____

Graph B:

Average Rainfall (mm Graph for Johannesburg)
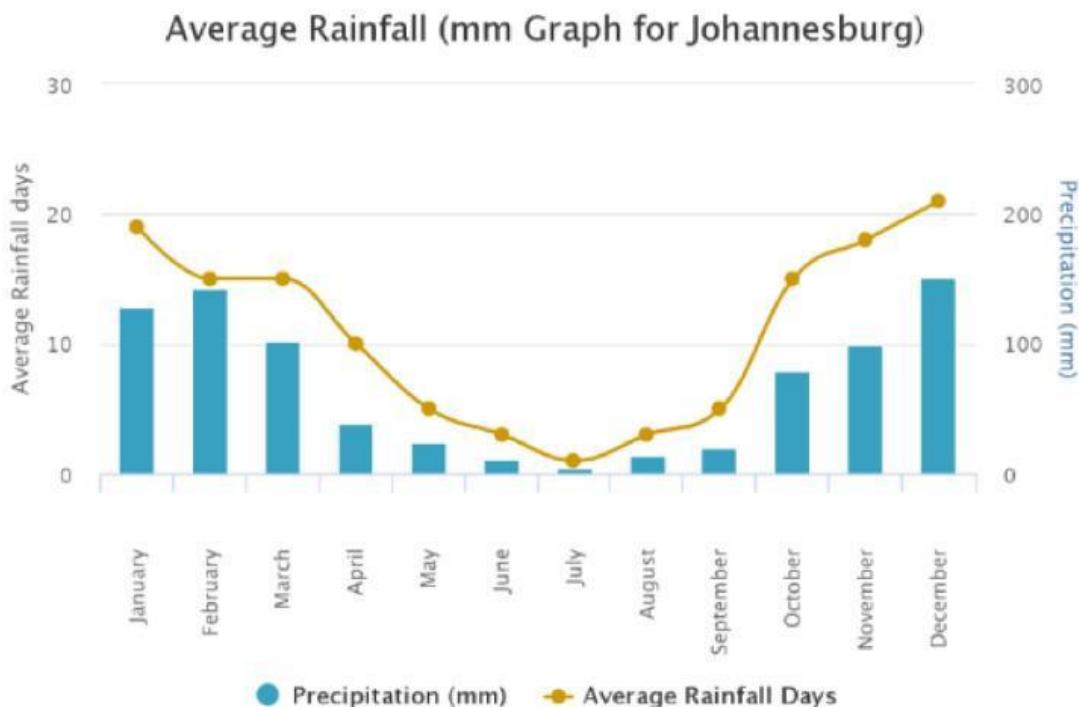
2.2   **Graph B:**

2.2.1   In what season does Johannesburg have the lowest rainfall?   (1)

_____

2.2.2   Between which months is the average rainfall days above ten a month.   (2)

_____

2.2.3   Describe what "annual average rainfall" refers to.   (2)

_____

_____

_____

2.2.4   In which months is the average rainfall above 100 mm?   (3)

_____

Question 3:   Extension - Use the following data to draw a climate graph of Manaus, Brazil: (6)

Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Max Temp in °C	31	30	31	31	31	31	32	33	33	33	21	31
Total Rainfall in mm	260	288	314	300	256	114	88	58	83	126	183	217