



JEEL YANBU INTERNATIONAL SCHOOL

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)

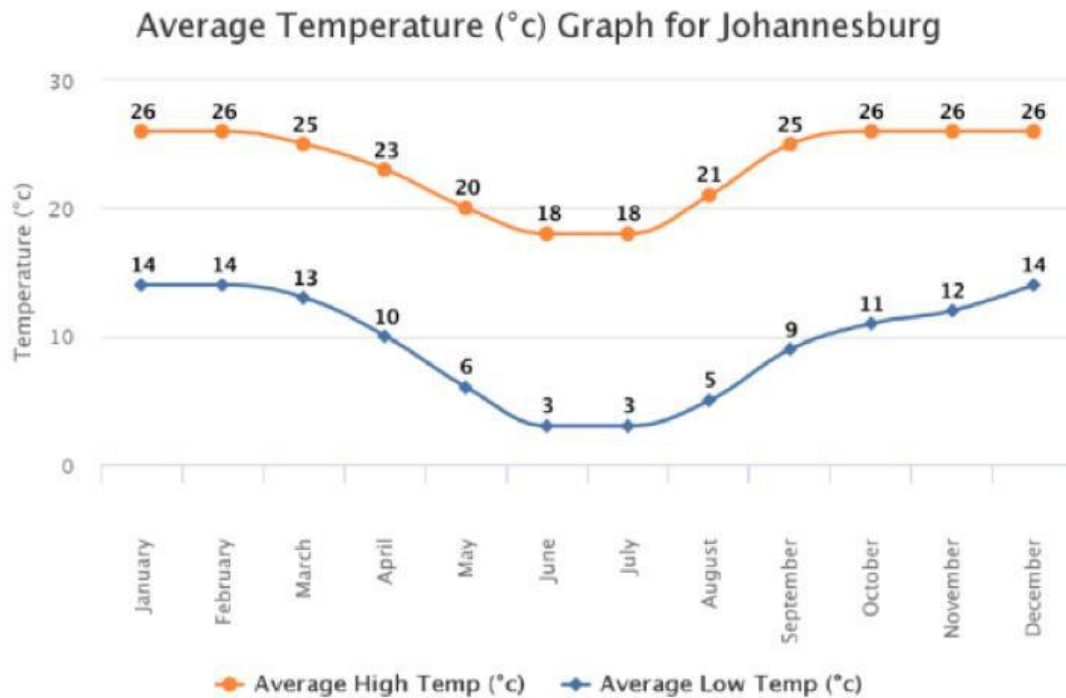
Stellenbosch has a _____ climate with temperatures ranging between _____ and _____. The winters are _____ and the summers are relatively _____.

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:



2.1 Graph A:

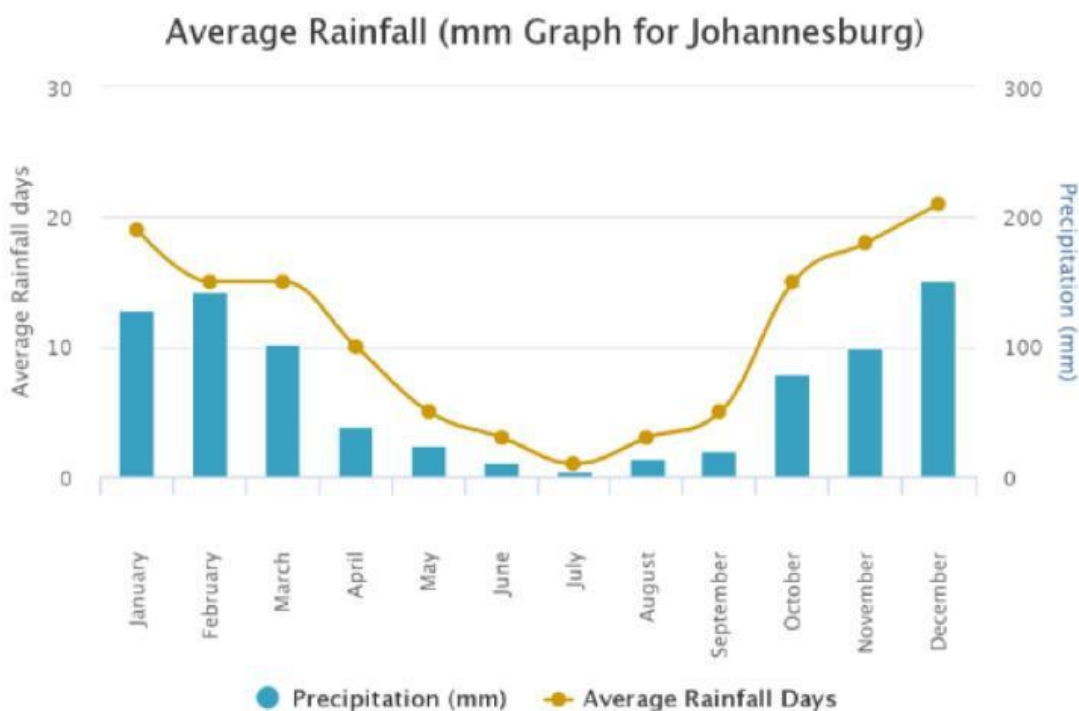
2.1.1 In which month/s is the difference between minimum and maximum temperatures the greatest? Give the difference. (2)

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)

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

Graph B:



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