

## **UNIVERSITY OF JOHANNESBURG**

## **DEPARTMENT OF GEOGRAPHY, ENVIRONMENTAL MANAGEMENT & ENERGY STUDIES**

MODULE: GR3AFET Geography for Education CAMPUS: APK

SEMESTER TEST 2: MAY 2021

DATE: 18 MAY 2021		
ASSESSORS:	Ms D Greenberg Prof. C Kelso	
INTERNAL MODERATOR:		
EXTERNAL MODERATOR:	Dr J Giddy (UMP)	
DURATION: 90 minutes	MARKS: 90	
PAGES INCLUDING COVER:	4	
SURNAME AND INITIAL:		
STUDENT NUMBER:		

## Please read the following instructions carefully:

- 1. Answer ALL questions
- 2. Question 1 must be completed on the question paper.
- 3. Question 2 and 3 must be completed in the answer booklet.
- 4. Please number your answers clearly
- 5. For the purpose of this test, you may use bullet points EXCEPT for the essay in Question 3 where you must use full sentences and paragraphs.
- 6. This question paper MUST be handed in with your test script.

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QUESTION 1 – FILL IN THE ANSWERS IN THE SPACES PROVIDED

1.1) When classifying air masses, what do the following acronyms represe	ent: (8)
a) mE	
b) cT	
c) cAA	
d) mP	
1.2) List the five elements which contribute to the weather	(5)
i	
ii	
ii	
V	
V	
<ul><li>1.3) List and briefly describe the four types of atmospheric lifting and give characteristics associated with each.</li><li>i.</li></ul>	(12)
	(12)
characteristics associated with each. i	(12)
i	(12)
i	(12)
i	(12)
iii	(12)
iii	(12)
characteristics associated with each.  i	(12)
iii	(12)

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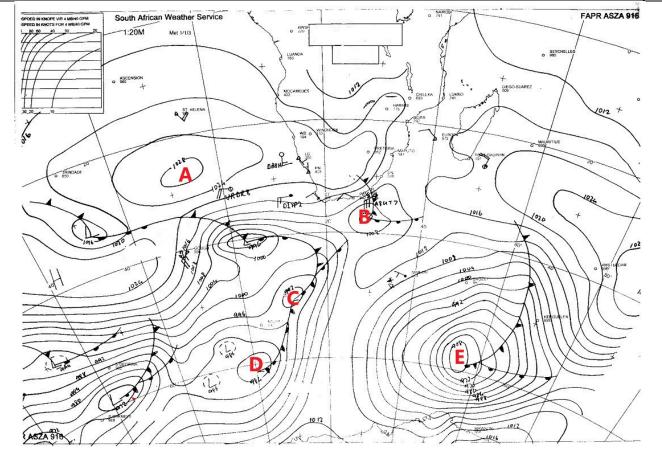


Figure 1: Synoptic Chart of South Africa

With reference to Figure 1, answer the following questions:

1.4) Which season is represented in Figure 1? Give <b>TWO</b> reasons for your answer	(3)
1.5) What pressure cells are indicated by the letters A, C, and D	(3)
A)	
C)	
D)	
1.6) At what stage of development is the phenomenon represented by the letter E currently a	at? (1)