



Western Cape  
Government

Education

# WESTERN CAPE EDUCATION DEPARTMENT

## GEOGRAPHY

### MEDIATION OF NATIONAL EXAMINATION GUIDELINES 2021

# Introduction

The Curriculum and Assessment Policy Statement (CAPS) for Geography outlines the nature and purpose of the subject Geography. This guides the philosophy underlying the teaching and assessment of the subject in Grade 12.

The purpose of these Examination Guidelines is to:

- Provide clarity on the depth and scope of the content to be assessed in the Grade 12 National Senior Certificate (NSC) Examination in Geography.
- Assist teachers to adequately prepare learners for the examinations.
- This document deals with the final Grade 12 external examinations. It does not deal in any depth with the School-Based Assessment (SBA).

# Introduction

These Examination Guidelines should be read in conjunction with:

- *The National Curriculum Statement (NCS) Curriculum and Assessment Policy Statement (CAPS): Geography*
- *The National Protocol of Assessment: An addendum to the policy document, the National Senior Certificate: A qualification at Level 4 on the National Qualifications Framework (NQF), regarding the National Protocol for Assessment (Grades R–12)*
- The national policy pertaining to the programme and promotion requirements of the National Curriculum Statement, Grades R–12
- *Abridged Amended Section 4 of FET CAPS in Grade 12*

# Structure: Examination Papers

<b>PAPER 1</b> <b>Marks: 150</b> <b>Time: 3hours</b>	<b>PAPER 2</b> <b>Marks: 150</b> <b>Time: 3hours</b>
<b><u>Question 1</u></b> <b>(Climate and Weather) 60 Marks</b> Short questions (15) 3 sub-questions of 15 marks each on Climate and Weather	<b><u>Question 1</u></b> <b>(Rural and Urban Settlements) 60 Marks</b> Short questions (15) 3 sub-questions of 15 marks each on Rural and Urban Settlements
<b><u>Question 2</u></b> <b>(Geomorphology) 60 Marks</b> Short questions (15) 3 sub-questions of 15 marks each on Geomorphology	<b><u>Question 2</u></b> <b>(Economic Geography of South Africa) 60 Marks</b> Short questions (15) 3 sub-questions of 15 marks each on Economic Geography of South Africa
<b><u>Question 3</u></b> <b>(Mapwork) 30 Marks</b> Map Skills and calculations (10 Marks) Map interpretation (12 Marks) GIS (8 Marks)	<b><u>Question 3</u></b> <b>(Mapwork) 30 Marks</b> Map Skills and calculations (10 Marks) Map interpretation (12 Marks) GIS (8 Marks)

# 2017 vs 2021 Examination Guidelines

## Changes and additions

### Paper 1

# Climate and Weather

Content	Amendment/s
Mid latitude cyclone	<p><b>Removed:</b> Cyclone families</p> <p><b>Added:</b> Impact of South Indian High and South Atlantic High on movement of the cyclone</p>
Tropical Cyclones	<p><b>Added:</b> Cross section through a tropical cyclone</p> <p><b>Replace:</b> Case study of ONE recent tropical cyclone anywhere in the world with</p> <p><b><i>Case study of ONE recent tropical cyclone that affected Southern Africa</i></b></p> <p>(Addendum)</p>

# Climate and Weather

Content	Amendment/s
Subtropical anticyclones (high-pressure cells) and the resultant weather over South Africa	<b>Added:</b> Influence of anticyclones on South Africa's weather and climate ( <i>integration with plateau, inversion layer, ocean currents and ridging of the SAHP</i> )- <i>summer and winter position</i>
Valley Climates	<b>Added:</b> Influence/impact on human activities ( <i>economic, social and environmental</i> ): <ul style="list-style-type: none"> <li>o Settlement</li> <li>o Farming</li> </ul>

# Climate and Weather

Content	Amendment/s
Urban heat islands	<b>Added:</b> <ul style="list-style-type: none"><li>o Definition</li><li>o Strategies to reduce the urban heat island effect</li></ul>
Pollution domes	<ul style="list-style-type: none"><li>o Definition</li><li>o Effects of pollution domes (<b><i>economic, social and environmental</i></b>)</li></ul>



# Geomorphology

Content	Amendment/s
Types of rivers	<b>Added:</b> Types of rivers ( <b><i>Definition, identification and application</i></b> )
Drainage density	<b>Added:</b> Definition and impact of factors influencing drainage density: ( <b><i>high/low drainage density</i></b> ) <b>NOTE:</b> The above should be taught with the understanding of infiltration
Stream order	<b>Added:</b> Determining stream order ( <b><i>definition, identification and interpretation</i></b> )

# Geomorphology

Content	Amendment/s
Discharge of a river	<b>Added:</b> Discharge of a river: ( <i>definition, identification and application</i> )
River grading	<b>Added:</b> Processes involved in a river becoming graded
River rejuvenation	<b>Added:</b> <ul style="list-style-type: none"> <li>• Definition</li> <li>• Significance of rejuvenated landscapes (economic, social and environmental)</li> </ul>

# Geomorphology

Content	Amendment/s
Stream piracy / River capture	<ul style="list-style-type: none"> <li>• <b>Added:</b> Concepts (<i>definition, identification and application</i>)</li> <li>• Definition: Headward erosion</li> <li>• Features associated with river capture (<i>identification, description and application</i>)</li> <li>• <b>Removed:</b> Wind gap <del>River gravels</del> <i>River gravels not in CAPS</i></li> </ul>
Superimposed and antecedent drainage patterns	Superimposed and antecedent drainage patterns ( <i>definition, description and causes</i> )

# Geomorphology

Content	Amendment/s
River Management	<ul style="list-style-type: none"><li>• <b>Added:</b></li><li>• Definition of river management</li><li>• Causes of poor river management</li></ul>

# 2017 vs 2021 Examination Guidelines

## Changes and additions

### Paper 2

# Rural Settlement

Content	Amendment/s
Classification of settlements according to pattern	<b>Added:</b> <ul style="list-style-type: none"> <li>• Identification of different patterns</li> <li>• Advantages and disadvantages</li> </ul>
Identification and reasons for different shapes of rural settlements	<b>Removed:</b> Stellar
Land use in rural settlements	<b>Added:</b> Identification of land use: farming, forestry and conservation
Concept of rural-urban migration <i>(definition and application)</i>	<b>Added:</b> Push and pull factors

# Rural Settlement

Content	Amendment/s
Social justice issues associated with rural settlements	<ul style="list-style-type: none"><li>• <b>Removed:</b> HIV/AIDS</li><li>• <b>Added:</b> Definition, purpose, challenges in implementation, success stories and impact on communities<ul style="list-style-type: none"><li>o Access to resources (natural: water and human-made: limited investment and lack of infrastructure)</li><li>o Land reform (land tenure, redistribution and restitution)</li></ul></li></ul>

# Urban Settlement

Content	Amendment/s
Concepts ( <i>definition, identification and application</i> )	<b>Added:</b> Counter urbanisation
Classification ( <i>identification, description and purpose</i> ) of urban settlements according to function	<b>Rephrased:</b> <ul style="list-style-type: none"> <li>o Central places</li> <li>o Trade and transport towns (<i>Break-of-bulk points, Junction towns and Gateway/Gap towns</i>)</li> <li>o Specialised towns</li> </ul>
Urban hierarchies	<b>Added:</b> Concepts ( <i>identification, description and interpretation</i> )



# Urban Settlement

Content	Amendment/s
Urban structure and patterns	<p><b>Added:</b></p> <ul style="list-style-type: none"> <li>Internal structure and patterns of urban settlements (includes shape of urban settlements)</li> <li>Take note of the difference between land-use (e.g. greenbelt and recreation) and land-use zones</li> </ul>
Land-use zones	<p>Changed:</p> <p>Zone of decay/transition zone to <b><i>Transition zone/Zone of decay</i></b></p>
Factors influencing the morphological structure of a city	<p><b>Added:</b></p> <ul style="list-style-type: none"> <li>Street patterns (plan)</li> <li>Building density</li> </ul>

# Urban Settlement

Content	Amendment/s
<p>Models of urban structure (<i>description and characteristics</i>):</p>	<p><b>Removed:</b></p> <ul style="list-style-type: none"> <li>• Burgess/Concentric</li> <li>• Hoyt/Sector</li> </ul> <p>(not in CAPS)</p>
<p>Urban issues related to rapid urbanisation: (<i>definition, causes, impact, possible solutions like counter-urbanisation</i>)</p>	<p><b>Rephrased:</b></p> <ul style="list-style-type: none"> <li>o Pollution</li> <li>o Urban blight</li> <li>o Traffic congestion</li> <li>o Lack of planning/urban sprawl</li> <li>o Overcrowding</li> <li>o Housing shortages</li> <li>o Service provision (basic services)</li> <li>o Social challenges</li> </ul>

# Urban Settlement

Content	Amendment/s
Injustice issues in urban areas	<p><b>Rephrased</b> Definition of environmental, social and economic injustice concerns</p> <ul style="list-style-type: none"><li>o Environmental concerns<ul style="list-style-type: none"><li>• Air pollution</li><li>• Noise pollution</li><li>• Destruction of ecosystems</li><li>• Economic concerns</li><li>• Poverty</li><li>• Poor public transport systems</li></ul></li><li>o Social concerns<ul style="list-style-type: none"><li>• Unequal access to services</li><li>• Unequal access to resources (overview)</li></ul></li></ul>

# Economic Geography of SA

## NOTE

This section has rotating topics allocated for the next four (4) years. Although these topics must be covered as specified it does not necessarily mean that the particular topic will be examined.

## TOPICS FOR 2021

Agriculture	<ul style="list-style-type: none"><li>• Beef</li></ul>
Mining	<ul style="list-style-type: none"><li>• Coal</li></ul>
Industrial Regions	<ul style="list-style-type: none"><li>• Gauteng (PWV)</li><li>• South-Western Cape</li></ul>
IDZ	<ul style="list-style-type: none"><li>• Saldanha Bay</li></ul>
SDI	<ul style="list-style-type: none"><li>• West Coast</li></ul>

# Economic Geography of SA

Content	Amendment/s
Agriculture	<b>Added:</b> <ul style="list-style-type: none"> <li>• Areas of production on a map, identification and interpretation</li> <li>• Strategies to improve food security in South Africa</li> </ul>
Mining	Location of mineral studied on a map, identification and interpretation
Key facts to concentrate on with regards to the prescribed core industrial areas	<ul style="list-style-type: none"> <li>• Factors influencing the location of the prescribed industrial region</li> <li>• Main industrial activities in the prescribed industrial region</li> <li>• Factors that favour and hinder the continued success of the prescribed core industrial regions studied</li> <li>• Economic and social impacts of the prescribed core industrial region</li> </ul>

# Marking

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Definitions should be marked looking at the concept and not verbatim as given in textbooks. Mark allocation is (1 x 2) (2)

Calculations do not necessarily have to be tested to the full allocation of marks given in the breakdown

Marks may be awarded for providing the correct formula, if the formula is not given.

- Distance (2 marks) – as per distance calculation in average gradient
  - ✓ for correct measurement on map (cm/mm)
  - ✓ for correct answer if correct measurement is indicated (m/km)
- Area (5 marks)
  - ✓ for correct measurement of length on map (cm/mm)
  - ✓ for correct measurement of breadth on map (cm/mm)
  - ✓ for correct length in reality
  - ✓ for correct breadth in reality
  - ✓ for correct answer if correct measurement is indicated ( $m^2/km^2$ )
- Average gradient (5 marks)
  - ✓✓ for correct vertical interval
  - ✓ for correct measurement of map distance between two points
  - ✓✓ for correct horizontal equivalent
  - ✓✓ for correct substitution of values into formula
  - ✓✓ for correct answer expressed as a ratio
- Vertical exaggeration (5 marks)
  - ✓✓ for correct conversion to the unit
  - ✓ for correct representation of vertical scale as a ratio
  - ✓✓ for correct horizontal scale given as a ratio
  - ✓✓ for correct substitution of values into formula – can be a ratio scale or a fraction scale
  - ✓✓ for correct answer and unit (in case of vertical exaggeration the unit is times, e.g. 20 times)
- Magnetic declination (5 marks)
  - ✓✓ for correct difference in years
  - ✓✓ for correct mean annual change
  - ✓✓ for correct total annual change
  - ✓✓ for correct calculation with correct unit (magnetic declination of year map was printed + (✓) total annual change)
- Magnetic bearing (5 + 2 marks)
  - The five marks as indicated above
  - ✓✓ for correct measurement of true bearing
  - ✓✓ for correct answer

**NB Could be confusing**

# Action verbs

## ACTION WORDS (VERBS/COMMAND WORDS) FOR ASSESSMENT

VERB	MEANING	HOW TO ANSWER
<b>Account</b>	to answer for - explain the cause of - so as to explain why	Full sentences
<b>Analyse</b>	to separate, examine and interpret critically	Full sentences
<b>Annotate</b>	to add explanatory notes to a sketch, map or drawing	Add labels to drawings
<b>Appraise</b>	to form an opinion how successful/effective something is	Full sentences
<b>Argue</b>	to put forward reasons in support of or against a proposition	Full sentences
<b>Assess</b>	to carefully consider before making a judgment	Full sentences
<b>Categorise</b>	to place things into groups based on their characteristics	One-word answers/phrases
<b>Classify</b>	to divide into groups or types so that things with similar characteristics are in the same group - to arrange according to type or sort	One-word answers / phrases
<b>Comment</b>	to write generally about	Full sentences
<b>Compare</b>	to point out or show both similarities and differences	Full sentences
<b>Construct</b>	to draw a shape	A diagram is required
<b>Contrast</b>	to stress the differences, dissimilarities, or unlikeness of things, qualities, events or problems	Full sentences
<b>Create</b>	to develop a new or original idea	Full sentences
<b>Criticise</b>	to make comments showing that something is bad or wrong	Full sentences
<b>Decide</b>	to consider something carefully and decide what should be done	Full sentences
<b>Defend</b>	to say things to protect something	Full sentences
<b>Define</b>	to give the concise and clear meaning	Full sentences
<b>Devise</b>	to invent a method to do something	Full sentences
<b>Demonstrate</b>	to show or make clear - to illustrate and explain -	Full sentences

- More than 60 in Examination guidelines
- Concentrate on verbs used the past 3-4 years



# 2017 vs 2021 Examination Guidelines

## Changes and additions

### Mapwork - Question 3

# Question 3 - Mapwork question

## PAPER 1

Marks:150

Time: 3 hours

### QUESTION 1

(Climate and Weather)

60 marks

### QUESTION 2

(Geomorphology)

60 marks

### QUESTION 3

(Mapwork) 30 marks

- Map skills and calculations (10)
- Map interpretation (12)
- GIS (8)

## PAPER 2

Marks:150

Time: 3 hours

### QUESTION 1

(Rural and Urban Settlements)

60 marks

### QUESTION 2

(Economic Geography of South Africa)

60 marks

### QUESTION 3

(Mapwork) 30 marks

- Map skills and calculations (10)
- Map interpretation (12)
- GIS (8)

### QUESTION 3 (PAPER1 & 2)

(Mapwork) 60 marks

- Map skills and calculations(20)
- **Map Interpretation (24)**
- GIS (16)

# Suggested map work exams format

<b>PAPER ONE</b>		<b>PAPER TWO</b>	
<b>QUESTION 1</b>		<b>QUESTION 1</b>	
<b>CALCULATIONS/MAP SKILLS</b>	<b>10 MARKS</b>	<b>CALCULATIONS/MAP SKILLS</b>	<b>10 MARKS</b>
Multiple choice questions	2 marks	Multiple choice questions	2 marks
Calculations	8 marks	Calculations	8 marks
<b>QUESTION 2</b>		<b>QUESTION 2</b>	
<b>MAP INTERPRETATION</b>	<b>12 MARKS</b>	<b>MAP INTERPRETATION</b>	<b>12 MARKS</b>
Multiple choice	2 marks	Multiple choice	2 marks
Theory application:		Theory application:	
Climate	5 marks	Settlements	5 marks
Geomorphology	5 marks	Economic Geography	5 marks
<b>QUESTION 3</b>		<b>QUESTION 3</b>	
<b>GIS</b>	<b>8 MARKS</b>	<b>GIS</b>	<b>8 MARKS</b>
Multiple choice	1 marks	Multiple choice	1 marks
GIS Application and concepts	7 marks	GIS Application and concepts	7 marks
<b>TOTAL</b>	<b>30 marks</b>	<b>TOTAL</b>	<b>30 marks</b>



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