Dear Grade 12 Geography learner

**Subject Requirements:**
You will need a DBE approved textbook, topographic maps and a variety of photographs including an orthophoto map of the same area, non-programmable calculator, protractor, compass, pencil, ruler and erasers. While studying, make full use of pictures, photographs, satellite images and statistics, diagrams and maps.

As Geographers you will be asking the following questions on each of the sections below.
- What is it like?
- Where is it?
- Why is it there?
- What does it look like?
- How did it happen?
- What impact does it have?
- How should it be managed for the mutual benefit of humanity and the natural environment?

You must be able to answer the questions above in each of the sections below.

Integrate map work and geographical information systems (GIS) where applicable with topographical maps and a variety of photographs including orthophoto maps of the same area.

**Content Checklist:**
Below is a checklist you should use to ensure that you have covered the Grade 12 Geography content in full.

**Climate and weather**
- Mid latitude cyclones
- Tropical cyclones
- Subtropical anticyclones (high pressure cells)
- Valley climates and urban climates
- Synoptic weather maps

**Geomorphology**
- Drainage systems in South Africa: Concepts, types of rivers, drainage patterns and density, stream orders and laminar- and turbulent flow
- Fluvial processes: River profiles, fluvial landforms, river grading, rejuvenation of rivers, river capture (stream piracy) and superimposed and antecedent streams
- Catchment and river management

**Rural settlement and urban settlement**
- Concept of settlement
- Site and situation
- Classification of settlements according to size, complexity and function

**Rural settlements**
- Factors influencing the following: site and situation
- Classification according to pattern and function
- Different shapes of settlement: Round, linear, T-shaped and cross-road
- Land use in rural settlements
- Rural settlement issues: rural-urban migration, depopulation, rural development strategies and social justice issues

**Urban settlements**
- Origin of urban settlements: urbanisation
- Factors influencing: site, situation and shape
- Classification of urban settlements according to function
- Urban hierarchies: Concepts, lower/higher order functions and services
- Urban structure and pattern: Internal structure, land use zones, urban profile, factors influencing morphological study of cities, models of urban structure and changing urban patterns in South Africa.
- Urban settlement issues: Recent urbanisation patterns in South Africa, Urban issues related to rapid urbanisation, Growth of informal settlements and issues

**Economic Geography of South Africa**
- Structure of the economy
- Agriculture as an economic activity

**Map work and GIS**
- Map work skills and calculations
- Application of theory on topographical and orthophoto maps
- Aerial photographs and orthophoto maps
- Geographical Information Systems (GIS)

**Assessment**
School-based assessment consists of four main sections:
- One research project
- One Assignment map work
- Two controlled tests
- Examination

The external examination consists of two question papers

**PAPER 1 – CLIMATE AND WEATHER AND GEOMORPHOLOGY**
Marks allocation: 150
Time allocation: 3 hours
**Question 1: Climate and weather (60 Marks)**
- Short objective questions (15 marks)
- 3 questions of 15 marks each on climate and weather
  NB. One paragraph question of 8 marks in any of the three sub-questions

**Question 2: Geomorphology (60 Marks)**
- Short objective questions (15 marks)
- 3 questions of 15 marks each on climate and weather
  NB. One paragraph question of 8 marks in any of the three sub-questions

**Question 3: Mapwork (30 Marks)**
- Map skills and calculations (10 marks)
- Map interpretation (12 marks)
- GIS (8 marks)

**PAPER 2 – RURAL AND URBAN SETTLEMENTS AND ECONOMIC GEOGRAPHY OF SOUTH AFRICA**
Marks allocation: 150
Time allocation: 3 hours
**Question 1: Rural and urban settlement (60 Marks)**
- Short objective questions (15 marks)
- 3 questions of 15 marks each on climate and weather
  NB. One paragraph question of 8 marks in any of the three sub-questions

**Question 2: Economic Geography of South Africa (60 Marks)**
- Short objective questions (15 marks)
- 3 questions of 15 marks each on climate and weather
  NB. One paragraph question of 8 marks in any of the three sub-questions

**Question 3: Mapwork (30 Marks)**
- Map skills and calculations (10 marks)
- Map interpretation (12 marks)
- GIS (8 marks)

**Tips for Success:**
- The ability to interpret maps and diagrams helps you to understand and remember work and gain extra marks in written questions.
- Candidates should remember not to expect the same diagrams in the examinations as those in text books, although similar diagrams could be supplied in the final examinations.