





Western Cape
Government

Education

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2019

The Year of the

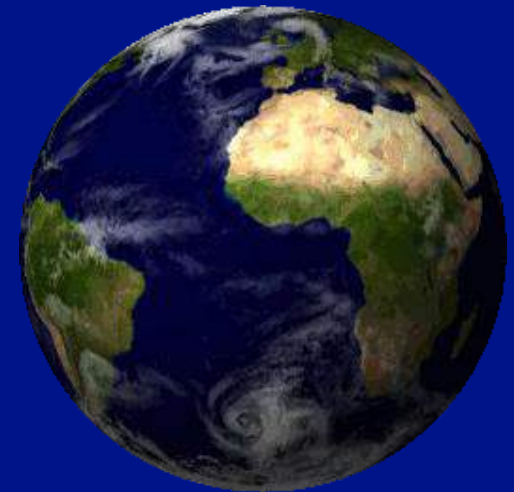
Learner

Developing a Values Mindset

Grade 12

GEOGRAPHY

Examination
preparation



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Paper 1



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STRUCTURE OF PAPER 1

SECTION A Climate/Geomorphology

QUESTION 1

1.1 Clim(7/8)

1.2 Geo(7/8)

1.3 Clim (15)

1.4 Clim (15)

1.5 Geo (15)

1.6 Geo (15)

QUESTION 2

2.1 Clim(7/8)

2.2 Geo(7/8)

2.3 Clim (15)

2.4 Clim (15)

2.5 Geo (15)

2.6 Geo (15)

SECTION B Settlement/ RSA Econ

QUESTION 3

3.1 Sett(7/8)

3.2 Econ(7/8)

3.3 Sett (15)

3.4 Sett (15)

3.5 Econ (15)

3.6 Econ (15)

QUESTION 4

4.1 Sett(7/8)

4.2 Econ(7/8)

4.3 Sett (15)

4.4 Sett (15)

4.5 Econ (15)

4.6 Econ (15)

- Answer THREE questions
- Two paragraph-type questions in each of the four questions

Weighting of cognitive levels

LOWER ORDER Knowledge & Remembering	MIDDLE ORDER Understanding & Applying	HIGHER ORDER Analysing, Evalu- ating Creating
25% (75)	50% (150)	25% (75)
• Name • Give • Define • Identify • Describe • Find • Match • List • Label	• Discuss • Explain • Choose • Summarise • Show • Illustrate • Use • Describe • Apply	• Evaluate • Justify • Predict • Assess • Construct • Compose • Integrate • Rewrite • Argue

EXAMPLE OF A QUESTION

1.6 Figure 1.6 shows river erosion

- 1.6.1 **What** type of erosion is associated with rejuvenation? (1x1) (1)
- 1.6.2 **What** evidence indicates that rejuvenation has taken place? (1x1) (1)
- 1.6.3 **Identify** the force of upliftment associated with rejuvenation. (1x1) (1)
- 1.6.4 **Why** is rejuvenated land not suitable for human activity? (2x2) (4)
- 1.6.5 In a **paragraph** of approximately EIGHT lines, **explain** how rejuvenation could change the fluvial features downstream of the point of rejuvenation. (4x2) (8)

Questions become more difficult!

Short/one word

questions: Candidates performed satisfactory in the shorter questions.

Two - Four mark questions:

These data- response type questions where a discussion and detailed reference were required, were often poorly answered.

NB Command words

REPORT PAPER 1

Paragraph-type

questions: These questions were mostly of a medium- and higher order and had been in most cases, competently to very poorly answered.

Concepts: Most

candidates do not have a sound knowledge of the basic concepts. Not used well when answering questions

Study the 2018 question paper and write down the type of short questions found in the question paper

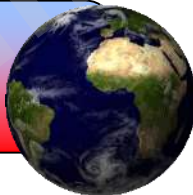
- Choose correct answer in brackets
- Refer to diagram and choose
- Matching columns
- Choose one term from the list
- Multiple short questions
- Direct short questions

DATA RESPONSE QUESTIONS

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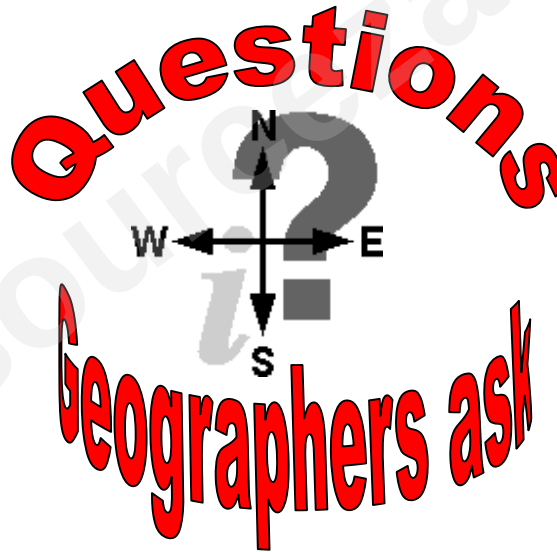
How can it be managed?



What is it?



What is the impact on the environment?



Where is it?



What does it look like?



Why is it there?

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EXAMINATION QUESTION

Tropical cyclones

1. Identify the type of cyclone at A. **WHAT IS IT?**
2. Give the location of the cyclone, as shown on the map. **WHERE IS IT?**
3. Why is the cyclone found there? **WHY IS IT THERE?**
4. Draw a diagram to show the mature stage of the cyclone. **WHAT DOES IT LOOK LIKE?**
5. Explain how the cyclone causes destruction. **WHAT IS THE IMPACT ON THE ENVIRONMENT? (*NB PARAGRAPH)**
6. What can be done to limit the destruction caused by tropical cyclones to the minimum? **HOW CAN IT BE MANAGED? (*NB PARAGRAPH)**

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EXAMINATION QUESTION

Urban Settlement

1. Identify the land-use zone at A. **WHAT IS IT?**
 2. Is the zone of decay found at B or C ? Give TWO reasons for your answer. **WHERE IS IT?**
 3. Discuss the factors that influenced the location of the industries at D. **WHY IS IT THERE?**
 4. Discuss the characteristics of the buildings and types of functions found in the zone of decay. **WHAT DOES IT LOOK LIKE?**
 5. Identify the types and sources of pollution found in the city on the diagram. **WHAT IS THE IMPACT ON THE ENVIRONMENT? (*NB PARAGRAPH)**
 6. What can be done to manage traffic jams in the city on the diagram? **HOW CAN IT BE MANAGED? (*NB PARAGRAPH)**
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You have to study with these questions in mind

LANDUSE ZONES - CBD

What is it?

Where is it?

Why is it there?

What does it look like?

Impact on the environment?

How can it be managed?

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You have to study with these questions in mind

RIVER CAPTURE (STREAM PIRACY)

What is it?

Where is it?

Why is it there?

What does it look like?

Impact on the environment?

How can it be managed?

PLEASE NB THE FOLLOWING QUESTIONS

Discuss the HUMAN factors.....

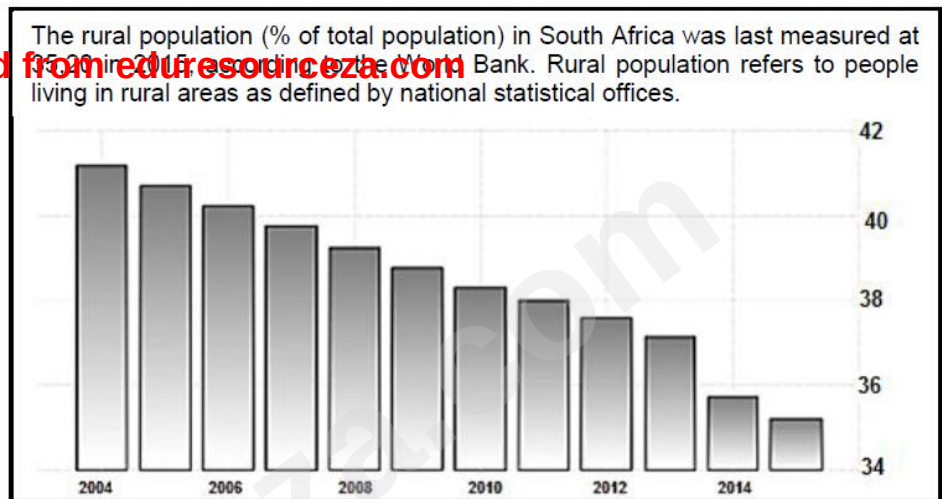
Discuss the PHYSICAL factors.....

Discuss the ECONOMIC factors.....

Explain the HUMAN and PHYSICAL factors

DATA HANDLING:

- Statistics
- Graphs
- Tables
- Infographics



Study FIGURE 3.4 which shows the trend of rural population in South Africa from 2004 to 2015.

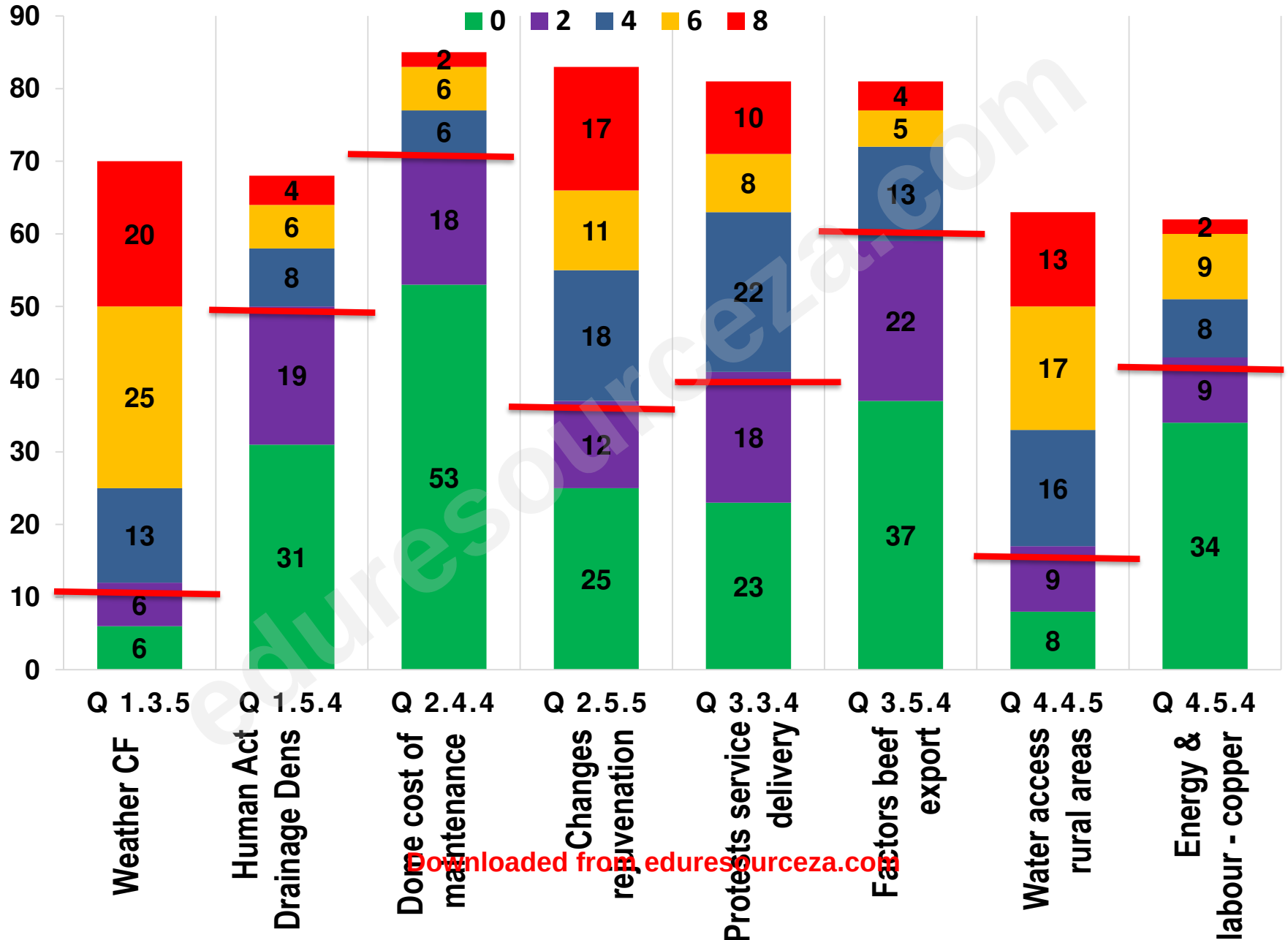
- 3.4.1 Comment on the trend from 2004 to 2015 in the graph regarding people living in rural areas in South Africa. (1 x 1) (1)
- 3.4.2 What percentage of South Africans lived in rural areas in 2015? (1 x 1) (1)
- 3.4.3 Give a projected percentage for the South African rural population in 2018. (1 x 2) (2)
- 3.4.4 What impact will the trend in QUESTION 3.4.1 have on rural areas in the future? (2 x 2) (4)
- 3.4.5 If the trend in QUESTION 3.4.1 continues, South Africa might head for food insecurity in the near future. In a paragraph of approximately EIGHT lines, outline sustainable measures to ensure continued food security. (4 x 2) (8)

CASE STUDIES, REPORTS, ETC

- Read at least twice.
- When part of infographic, integrate with other information.
- Do not regard as comprehension test.
- In many cases used to set the scene on which questions are based.
- Do not quote from passage if not asked to.
- Refer to facts in passage as basis for your answers.

Paragraph-type questions 2018

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PARAGRAPH-TYPE QUESTIONS

- Requires critical and analytical thinking
Cannot merely reproduce knowledge gained in the classroom.
- Responses should be well thought through and adapted to the source given.
- Answer these questions in full sentences and to the point.
- Limit your answers to the prescribed eight lines.
- Many paragraph questions contain two components that must be referred to.
- Underline the following:
 - the **main topic** of the question
 - the **action word**
 - the **focus areas** of the question.

INTERPRETING A PARAGRAPH-TYPE QUESTION

A paragraph is made up of full sentences

NB Length

List and account the main characteristics

Part 1 of your response

Write a paragraph of approximately EIGHT lines to describe the human and environmental impacts of the mid latitude cyclone on agricultural activities.

Part 2 of your response

Negative or positive not stated could include both

**Specific to farming.
(Crop and stock)**

Write a paragraph of approximately EIGHT lines to describe the human and environmental impacts of the mid latitude cyclone on agricultural activities.

RESPONSE

Impact on Human activities

- Positive:
- Provides rain for agriculture
 - Increases yield and income
 - Snow can be a tourist attraction
- Negative:
- Cold conditions and flooding can cause loss of life
 - Stock losses and damage to crops
 - Costly repairs and aid projects

**NB Must mention
at least ONE of
both Human and
Environment**

Impact on the environment

- Positive:
- Rain sustains natural vegetation and animals
- Negative:
- Flooding causes erosion and loss of topsoil
 - Eroded material slit up rivers and dams
 - Cold conditions can lead to vegetation damage **(4x2) (8)**

PRESCRIBED SUBJECT CONTENT

For 2019 the following core industrial areas must be studied:

- PWV/ Gauteng
- Port Elizabeth-Uitenhage/Nelson Mandela Metropole.

For 2019 the Saldanha Bay IDZ and case studies of the Platinum SDI and the Richards Bay SDI must be studied.



PAPER 2



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SECOND QUESTION PAPER

**Question 1
MCSQ**

**Question 2
Calculate
SKILLS**

**QUESTION 3
APPLICATION
AND INTER-
PRETATION**

**Question 4
GIS**

QUESTION 1 – MULTIPLE CHOICE

The general direction of flow of the Buffels River in Block J5 is ...

- A North
- B Northeast
- C South
- D Southwest

- Attempt to answer ALL questions
- Elimination
- Guess

Calculations

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Distance

QUESTION 2

Distance

$$\frac{\text{Map distance} \times \text{Scale}}{100\ 000}$$

Answer in km

Area

$$L \times b$$

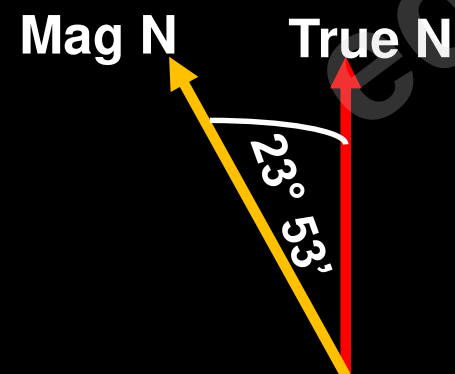
Answer in km²

Gradient

$$\frac{\text{VI (Height)}}{\text{HE (Distance)}}$$

No units (1:23)

Magnetic declination



Magnetic Bearing

Magnetic declination

+

Bearing

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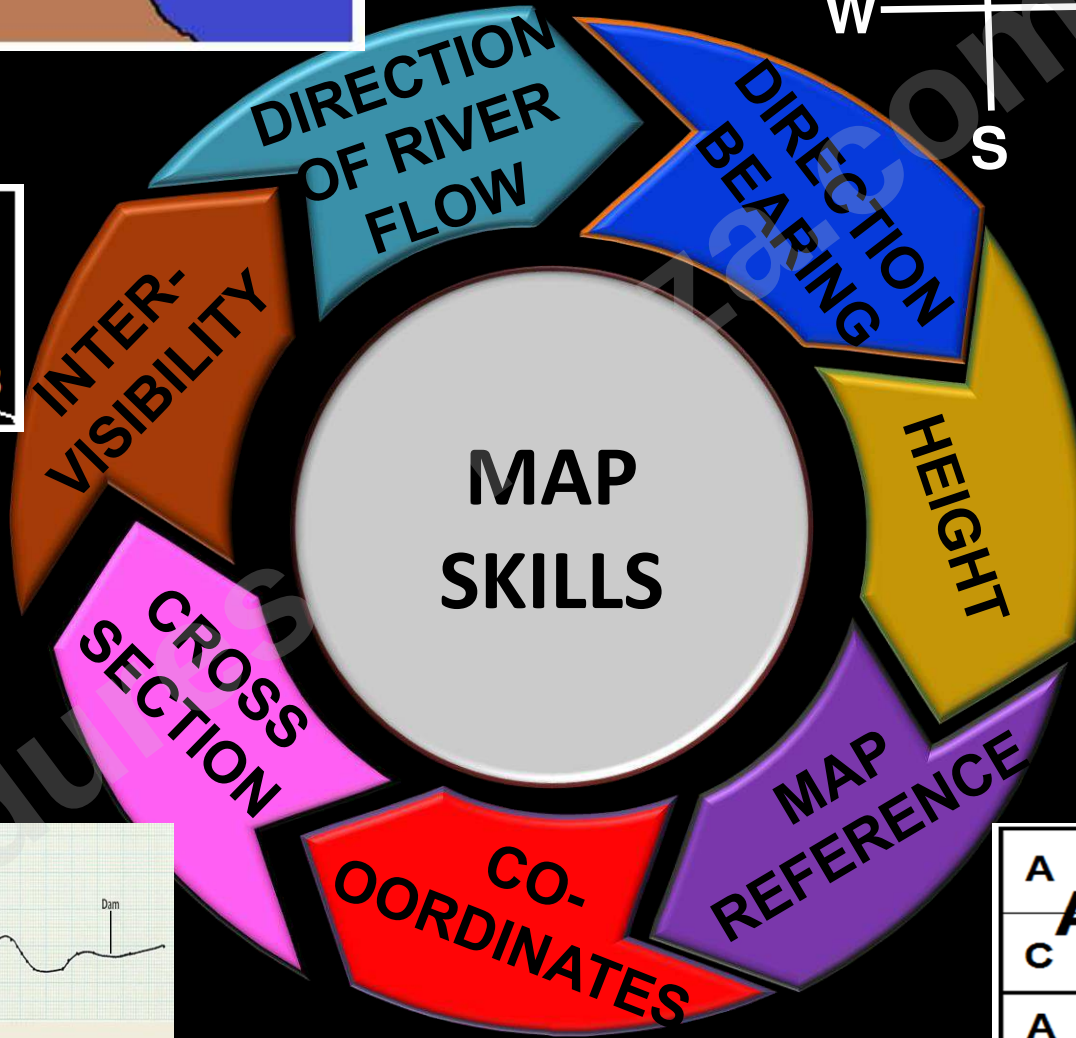
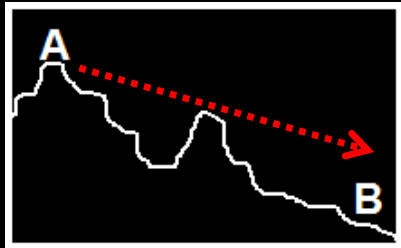
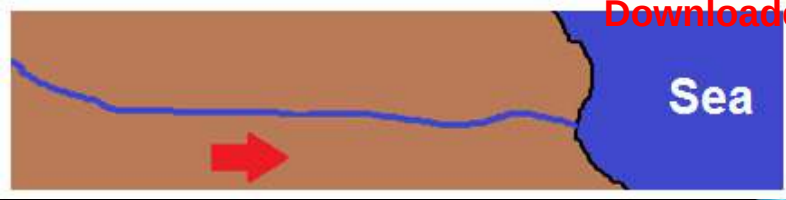
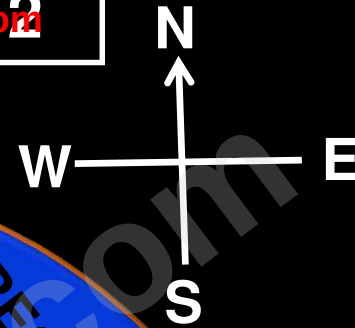
Vertical exaggeration

$$\frac{\text{Vertical scale}}{\text{Horizontal scale}}$$

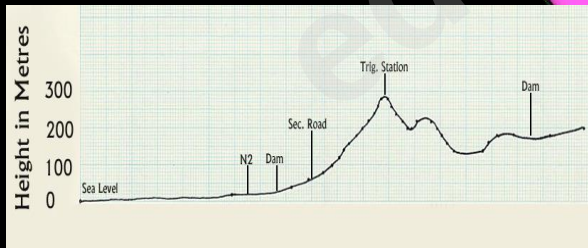
Answer = X
Times

QUESTION 2

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Contours
Trig. Stations
Spot heights
Bench marks



A	B	A	B
A		B	
C	D	C	D
A	B	A	B
C		D	
C	D	C	D

33° 22' 18" S
18° 34' 42" E

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QUESTION 3 - INTERPRETATION

R **elief** **BROWN** Contours far – Gradual
Contours close - Steep

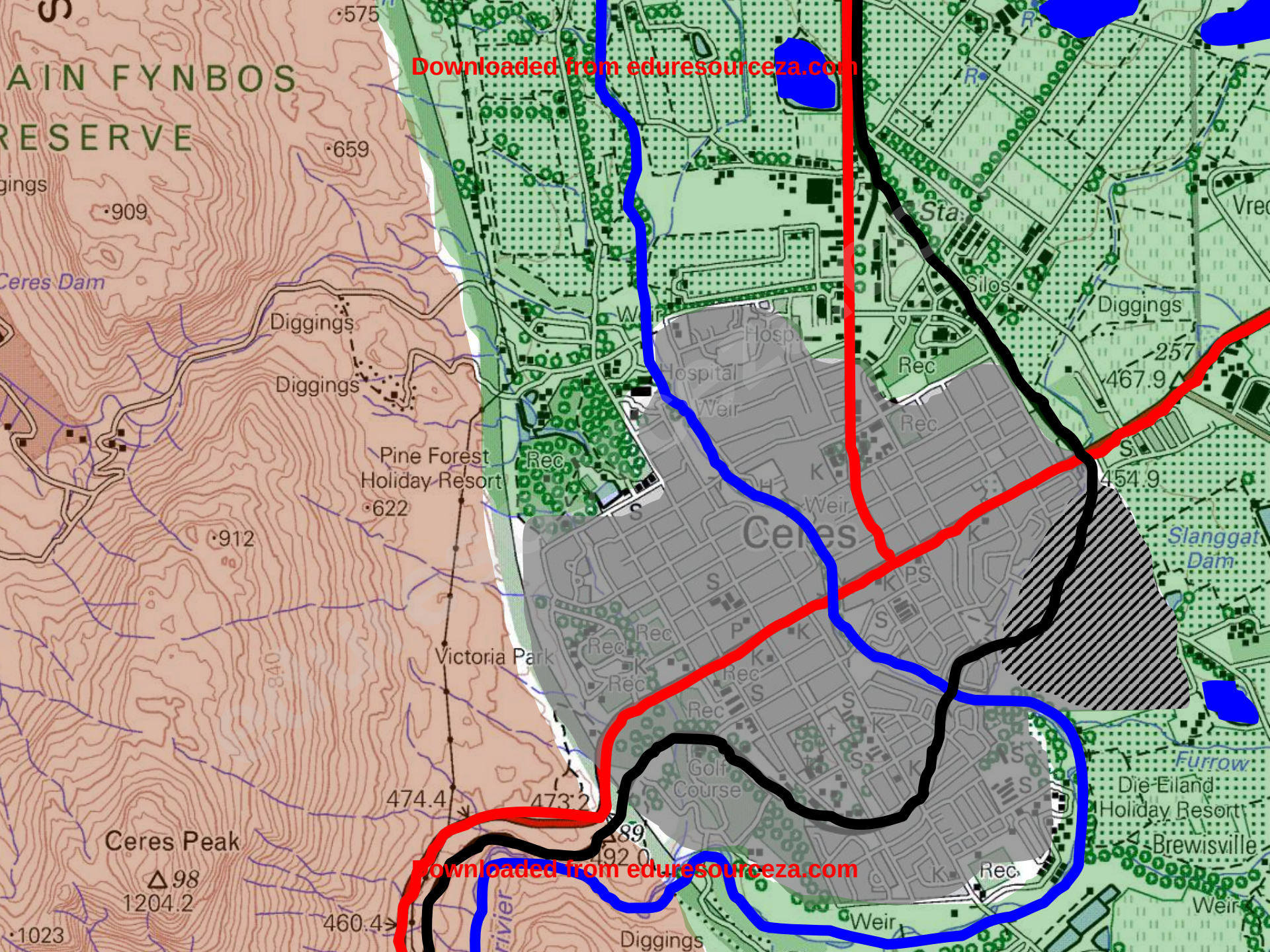
D **rainage** **BLUE** Types of rivers
Dams
Sea

I **nfra struct.** **RED** **BLACK**
Main roads Railway lines

S **ettlements** **GREY** Labour
Market

E **con. act** **GREEN** **BLACK**
Farms Industries

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Parys is a popular holiday resort.

Give ONE reason why Parys become a popular holiday destination

- ✓ **R**elief Mountain? Flat?
- ✓ **D**rainage Close to sea, river?
- ✓ **I**nfra struct. Accessibility
Roads Railway
- ✓ **S**ettlements What in and around settlement
- E**con. act Farms wine tasting

Although West End (W) in block H7 is situated close to the CBD it experiences much lower average temperatures than expected. Give and explain ONE reason for the statement above.

✓ **R**elief Contours higher or lower?

✓ **D**rainage

Infra struct.

✓ **S**ettlements Building density
Green belt?

✓ **E**con. act Farms cooler

Industrial areas warmer

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QUESTION 4 - GIS

CONCEPTS

- What is GIS?
- Remote sensing
- Spatial data
- Attribute data
- Buffering
- Resolution
- Data layers
- Data integration
- Vector data
- Raster data
- Data layers

How to use GIS? (Scenario)

Shops

- Available plots
- Costs of plots
- Distance to other shops
- Client base
- Client buying habits
- Central place
- Influence sphere

Crime

- Type
- Location
- Time
- Frequency
- Risk zones
- Neighbourhood characteristics

THANK YOU
THANK YOU
THANK YOU
THANK YOU
for your attention



Good luck for the Geography examination