

LEARNER NAME: _____ GRADE: 9C__

INSTRUCTIONS:

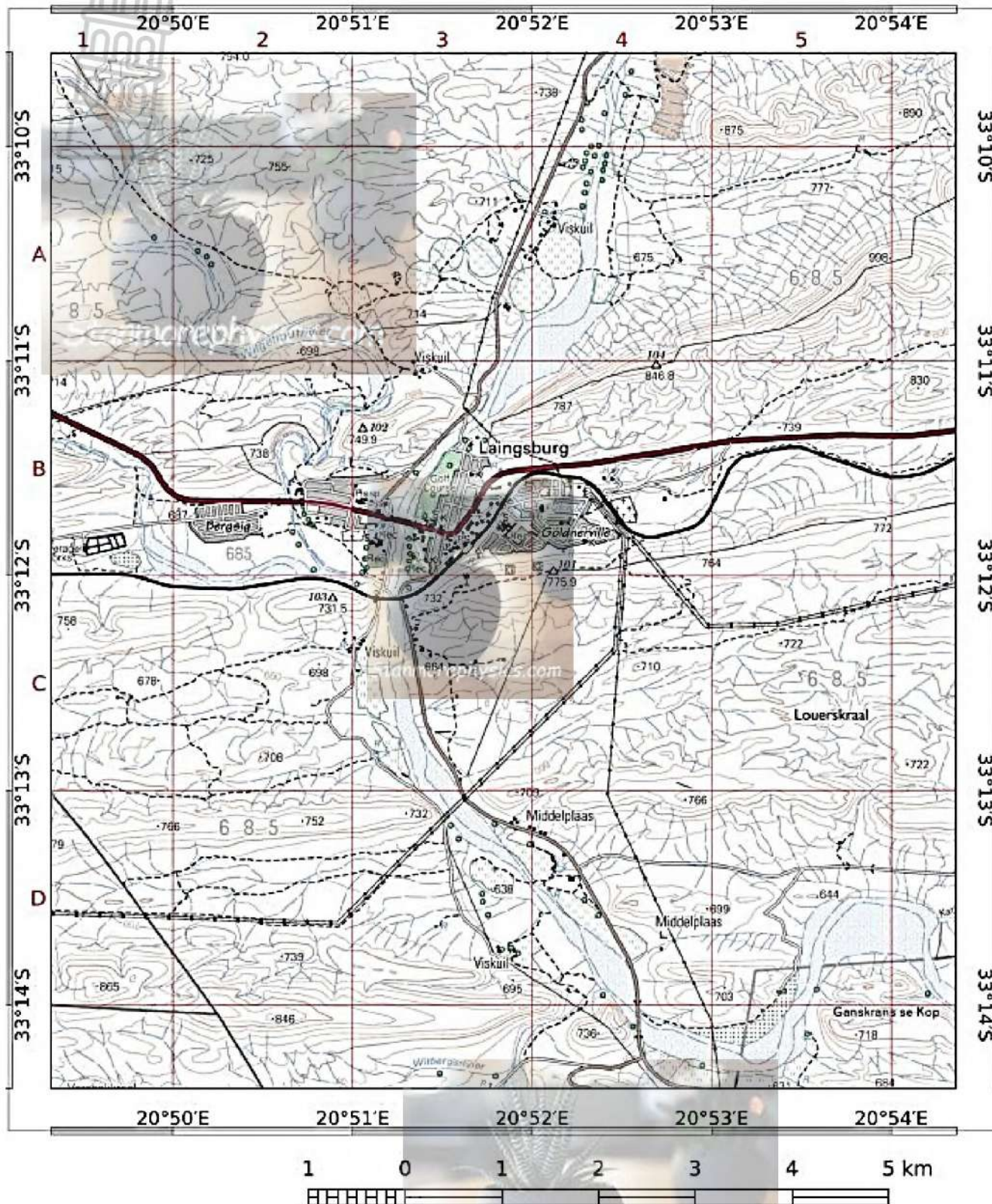
1. Listen to/read each question carefully.
2. Answer all questions on this question paper.
3. Write neatly and legibly.
4. This question paper consists of 10 pages.

Marks obtained by:	Q1.1 [20]	Q1.2 [15]	Q2.1 [27]	Q2.2 [13]	TOTAL 75	SIGNATURE/S
Teacher						
School Moderator						
Departmental Head						

Question 1: Working with topographic and orthophoto maps.

1.1 Refer to the 1: 50 000 topographic map extract of Laingsburg below and answer the following questions.

Laingsburg



QGIS

Topographic map courtesy CD:NGI
Topographic map layer hosted by OSM
This layout CC BY-SA 2.5 ZA
by SAGTA and Kartoza

1:50,000
(on A4 only)

Downloaded from Stanmorephysics.com

National Road		Nasionale Deurpad; Nasionale Roete
Arterial Route		Hoofverkeersroete
Main Road		Hoofpad
Secondary Road; Bench Mark		Sekondêre Pad; Hoogtemerk
Other Road; Bridge		Ander Pad; Brug
Track and Hiking Trail		Dowwe Pad en Voetslaanpad
Railway; Station or Siding		Spoorweg; Stasie of Sylyn
Other Railway; Tunnel		Ander Spoorweg; Tonnel
Embankment; Cutting		Opvulling; Deurgrawing
Power Line		Kraglyn
Built-up Area (High, Low Density)		Beboude Gebied (Hoë, Lae Digtheid)
Buildings; Ruin		Geboue; Murasie
Post Office; Police Station; Store		Poskantoor; Polisiestasie; Winkel
Place of Worship; School; Hotel		Plek van Aanbidding; Skool; Hotel
Fence; Wall		Draadheining; Muur
Windpump; Monument		Windpomp; Monument
Communication Tower		Kommunikasietoring
Wind Turbine; Wind Farm		Windturbine; Windplaas
Satellite Antenna; Solar Panel Array		Satelliet Antenna; Sonkrag Plaas
Trigonometrical Station; Marine Beacon		Peilbaken; Seevaartbaken
Lighthouse and Marine Light		Vuurtoring en Seevaartlig
Cemetery; Grave		Begraafplaas; Graf
International Boundary and Beacon		Internasionale Grens en Baken
Provincial Boundary		Provinsiale Grens
Protected Area		Bewarings Gebied
Perennial River		Standhoudende Rivier
Perennial Water		Standhoudende Water
Non-perennial River		Nie-standhoudende Rivier
Non-Perennial Water		Nie-standhoudende Water
Dry Water Course		Droë Loop
Dry Pan		Droë Pan
Marsh and Vlei		Moeras en Vlei
Pipeline (above ground)		Pyplyn (bo die grond)
Water Tower; Reservoir; Water Point		Watertoring; Reservoir; Waterpunt
Coastal Rocks		Kuslynrotse
Prominent Rock Outcrop		Prominente Klipbank
Erosion; Sand		Erosie; Sand
Woodland		Beboste Gebied
Cultivated Land		Bewerkte Land
Orchard or Vineyard		Boord of Wingerd
Recreation Ground		Ontspanningsterrein
Row of Trees		Rye Bome
Mine Dump; Excavation		Mynhoop; Uitgraving

1.1.1 Name the two types of scale found on this map extract. (2x1=2)

1.1.2 Locate the trigonometric beacon found in block B3.

(a) Give the height of this trig. beacon. (1x2=2)

(b) How do we know that this is not the highest hill around Laingsburg.

(2x1=2)

1.1.3 Refer to farming area found in block A4.

(a) Name the conventional sign used to show farming in this area. (1x1=1)

(b) Give a reason why the farmer here is using circle (pivot) farming. (2x1=2)

1.1.4 Locate the river in the south-west corner of block B2.

(a) Select the correct map co-ordinates for the farm near this river from the choices given below. **Circle/highlight or underline** the letter representing your answer.

A. 20° 51' E and 33° 12' S

B. 33° 12' E and 20° 51' N

C. 20° 51' S and 33° 12' E

D. 33° 12' N and 20° 51' E

(1x2=2)

(b) Name the activity lying to the north of this part of the river that has the following conventional sign. (1x2=2)

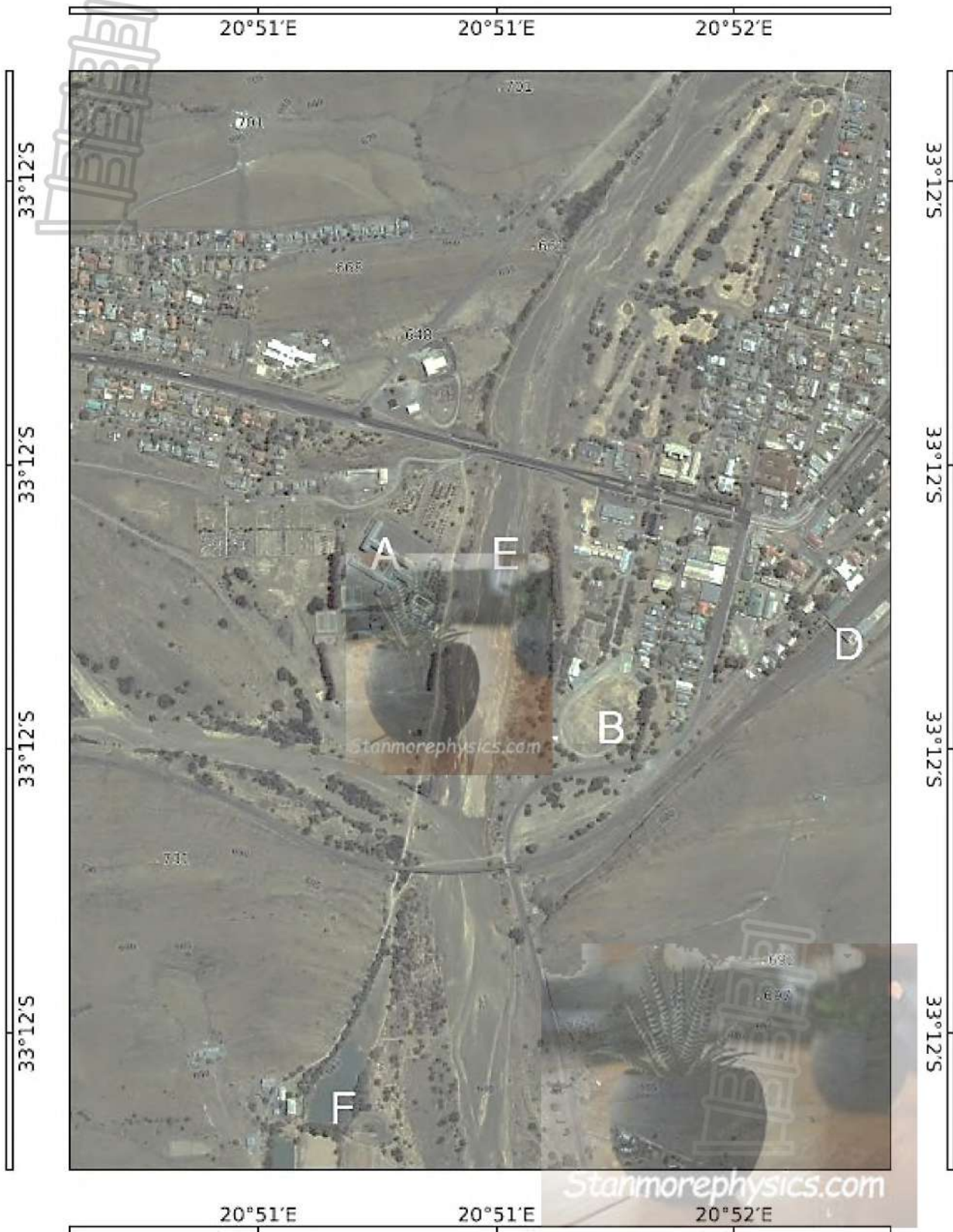
(c) Give a reason why this activity was positioned here. (Hint: Look at the gradient of the land.) (1x2=2)

1.1.5 Name two other ways height can be identified on a topographic map. (1x2=2)

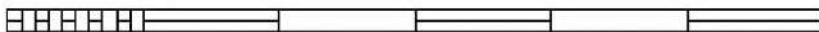
1.1.6 Describe the differences in gradient in blocks A5 and D3. (1x3=3)

(20)

1.2 [Downloaded from Stanmorephysics.com](http://www.stanmorephysics.com) Use the orthophoto map below and answer the following questions.
 Orthophoto Laingsburg



0.2 0 0.2 0.4 0.6 0.8 1 km



QGIS

Orthophotos and topographic data courtesy
 ©: NGI
 Orthophoto map layer hosted by OSM
 This layout CC BY-SA 2.5 ZA
 by SAGTA and Kartoza

1:10,000
 (on A4 only)

(a) The natural feature at E

(b) The medical facility at A

(c) The type of transport facility at D

(d) The recreational facility at B

1.2.2 Describe how the farm dam at F is seen on this orthophoto.

(2x1=2)

1.2.3 Locate the houses found in the town of Laingsburg.

(a) Prove that these houses are constructed features by referring to its visible shape.

(2x1=2)



(b) Name one another constructed feature visible in this area.

(1x2=2)

1.2.4 In 1982 Laingsburg experienced South Africa's worst flood. **In a paragraph of 5 lines, show how using both the topographic and orthophoto map the town has recovered from this devastating flood.**



Flood Damage Source: https://www.western-cape-info.com/info/businesses/306/images/bottom_images/3.jpg



(5x1=5)

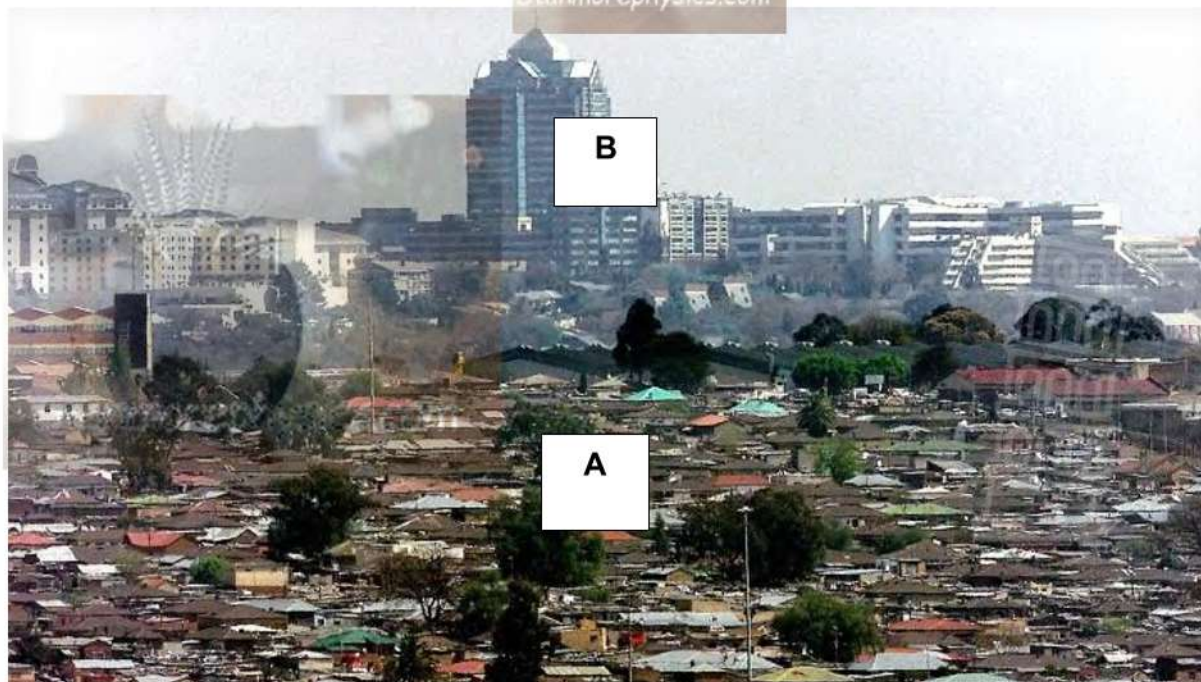
(15)

[35]

Section B: Development Issues

Question 2:

2.1 Study the source below about the meaning of development and answer the following questions.



<https://www.dailymaverick.co.za/article/2020-08-11-township-economies-must-be-a-key-focus-for-development-and-accurate-data-is-crucial/>

2.1.2 What are the THREE important qualities of development?

(3x2=6)



2.1.3 Look at the photograph of area A and area B above.
Compare the two areas using the following topics:

(4x2=8)

Housing:

Living conditions:



A. _____	B. _____	C. _____

2.1.5 Write a paragraph of about 6 to 8 lines and suggest what the government can do to improve the lives of people living in **area A**. Your paragraph should include the topic sentence, supporting sentences and concluding sentence. (8)

2.2 Study the table below and answer the questions that follow:

Country	GDP in US dollars (\$)	GDP per capita in US dollars (\$)	Population
China	9 000 000 000	6.61	1 361 512 500
New Zealand	1 000 000 000	223.05	4 483 393
Nigeria	1000 000 000		183 528 800
Sri Lanka	1000 000 000		22 666 350

2.2.1 What does the acronym GDP stand for? (1x1=1)

2.2.2 Differentiate between GDP and GDP per capita. (2x2=4)

2.2.3 Which currency has been used to give GDP per capita? (1x1=1)

2.2.4 Why do you think the currency in 2.3 above is used instead of the local currency? (1x2=2)

2.2.5 Rank the two countries (New Zealand and China) using GDP/per capita per year, starting with the richest to the poorest country. (2x1=2)

1. _____
2. _____

2.2.6 Name **THREE** indicators that are used to determine the Human Development Index (HDI). (1x3=3)

(13)
[40]

TOTAL: 75 MARKS



SP: SOCIAL SCIENCE

GRADE 9

TERM 2: GEOGRAPHY TEST

2025

MEMORANDUM

Section A: Maps Skills

Question 1:

1.1 (20)

1.1.1 Line scale ✓
Ratio scale ✓

1.1.2 (a) 749.9m ✓
(b) Trig beacon 104 is higher at 846.8m ✓

1.1.3 (a) cultivated land ✓
(b) Not much rain ✓/For irrigation ✓/ Dry area ✓/Need water ✓ (Any ONE)

1.1.4 (a) C ✓✓
(b) Cemetery ✓✓
(c) Flat land – easy to dig graves ✓✓

1.1.5 - Benchmark ✓
- Spot height ✓

1.1.6 A5 – contour lines are closer together which are steeper slopes that show hills etc. ✓✓
D3 – contour lines are far apart which are gentler slopes that show flat land. ✓

1.2 (15)

1.2.1 (a) River ✓
(b) Hospital ✓
(c) Railway station ✓
(d) Track – athletics/racing/horse ✓

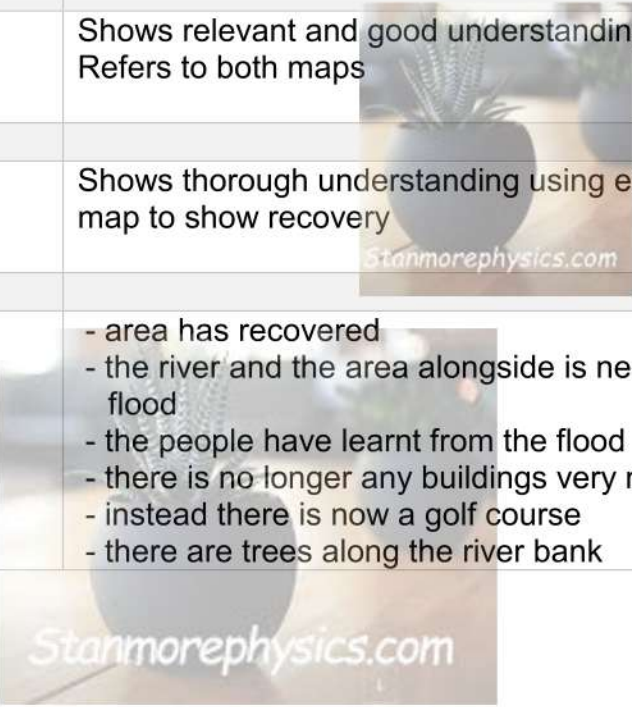
- shape, semi-round ✓
- texture, smooth ✓
- shade, dark colour as it absorbs the sun's rays ✓ (Any TWO)

- 1.2.3 (a) Shape is geometric ✓
 Blocks and squares ✓
 Man-made shapes ✓ (Any TWO)

- (b) Roads ✓✓
 Railways ✓✓
 appear as geometric lines ✓✓ (Any ONE)

1.2.4

Level	Characteristics/Marking guidelines	Marks
1	Shows little to no understanding Does not refer both maps to highlight recovery	0 – 1
2	Shows relevant and good understanding of the advantages Refers to both maps	2 – 3
3	Shows thorough understanding using excellent examples from both map to show recovery	4 – 5
	<ul style="list-style-type: none"> - area has recovered - the river and the area alongside is neat and has no signs of the flood - the people have learnt from the flood - there is no longer any buildings very near the river - instead there is now a golf course - there are trees along the river bank 	



Section B: Development Issues

Question 2:

2.1 (27)

2.1.1 Development means becoming better, stronger and more advanced (concept) ✓✓

or

Development is a process in which social, economic and environmental inputs are used to improve the quality of people's lives. ✓✓

[Any other relevant definition]

2.1.2 Development involves change ✓✓

It is a process that happens over time. ✓✓

It is about progress or improvement that affects people's lives. ✓✓

2.1.3 **Housing:**

Area A has informal housing. ✓✓

Area B has high-rise buildings / formal housing. ✓✓

Living conditions:

Area A is very dirty with no proper sanitation, roads or infrastructure. ✓✓

Area B is very clean and formally planned; with proper infrastructure. ✓✓

2.1.4 A. Environmental aspect ✓

B. Social aspect ✓

C. Economic aspect ✓

2.1.5 **Topic Sentence:**

- Any relevant statement that introduces the topic.

Supporting Sentences:

- Provide basic services
- Provide formal housing (RDP houses)
- Improve the infrastructure
- Create jobs

(Any other relevant point)

Concluding Sentence

- Any relevant statement that concludes the discussion.

RUBRIC

Level 1	<ul style="list-style-type: none"> • Uses evidence in an elementary manner e.g. shows little or no understanding. Uses evidence partially to report on topics or cannot report on the topic. 	MARKS: 0-1
Level 2	<ul style="list-style-type: none"> • Evidence is mostly relevant and relates to a great extent to the topic. Uses evidence in a very basic manner. 	MARKS: 2-3
Level 3	<ul style="list-style-type: none"> • Uses relevant evidence e.g. demonstrates a thorough understanding. • Uses evidence very effectively in an organised paragraph that shows an understanding of the topic. 	MARKS: 6-8

2.2

(13)

2.2.1 Gross domestic product ✓

2.2.2 - GDP is the total value of goods and services produced in a country in one year. ✓✓
 - GDP per capita is the GDP of the country divided by the number of people in the country. ✓✓

2.2.3 US\$ or US dollars or USD)✓

2.2.4 Using US dollars makes it easier to compare economic development in different countries. ✓✓

2.2.5 1. New Zealand ✓

2 China ✓

2.2.6 Life expectancy✓/Education✓/GDP per capita✓

TOTAL: 75 MARKS