

**GEOGRAPHY PAPER - 2019**

**PART B - ANSWER BOOKLET**

Fill in the codes for the province and school and your 3-digit candidate number.

Write your name and school in the spaces provided.

Year		Province		School			Candidate Number		
1	9								

Candidate Name: \_\_\_\_\_

School Name: \_\_\_\_\_

ANSWERS WRITTEN ON THE QUESTION PAPER OR ANY OTHER PAPER WILL NOT BE MARKED. WRITE ANSWERS NEATLY IN THE SPACES AS PROVIDED IN THIS ANSWER BOOKLET.

**FOR MARKERS USE ONLY**

	Score	Markers' Initials	
		M1	M2
Question 31			
Question 32			
Question 33			
Question 34			
Question 35			
Question 36			
Question 37			
Question 38			
Question 39			
Question 40			
<b>TOTAL</b>			

**PART: B SHORT ANSWERS**

<b>QUESTION 31</b>		
(i) Write down the four figure grid square reference of the		
(a) airfield at Ballale Island	<u>1826</u>	(1)
(b) rock wash on the east side of Rantan Island	<u>2960</u>	(1)
(ii) Write the six grid reference of		
(a) the river mouth of Silibay River	<u>863407 (Accept 1 pt variation)</u>	(1)
(b) Harapa village on Shortland Island	<u>981269 / 981268</u>	(1)
(iii) Name the infrastructure found at these grid references.		
(a) 180800	<u>all weather road: hard/loose surface</u>	(1)
(b) 968556	<u>Buin air field</u>	(1)
(iv) Write the six figure grid reference for Laluai Point.	<u>238781/2</u>	(1)
<b>For Markers Use Only</b>		<b>Q31 TOTAL</b>

<b>QUESTION 32</b>		
(i) Shifting cultivation	<u>F</u>	(1)
(ii) Lake Loloru	<u>G</u>	(1)
(iii) Oria Airfield	<u>C</u>	(1)
(iv) Buin built-up area	<u>B</u>	(1)
(v) Ox-bow lake	<u>D</u>	(1)
(vi) Katakau school	<u>A</u>	(1)
(vii) Small village	<u>E</u>	(1)
<b>For Markers Use Only</b>		<b>Q32 TOTAL</b>

**QUESTION 33**

- (i) Mt Loloru - 1887 m (1)
- (ii) Dinu Hill (1)
- (iii) 129 m (1)
- (iv) 0 m (1)
- (v) 4.4 km = 4 km (1)
- (vi) 1:31.01 or 1/31.01 (Show your working out below) (2)

$$\begin{aligned}
 G &= \frac{\text{Rise}}{\text{Run}} \\
 &= \frac{VD}{HD} \\
 &= \frac{129 - 0 \text{ m}}{4 \text{ km} \times 1000 \text{ m}} \\
 &= \frac{129 \text{ m}}{4000 \text{ m}} \\
 &= \frac{1}{31.01}
 \end{aligned}$$

or 1:31.01

*For Markers Use Only*

**Q33 TOTAL**

QUESTION 34		
(i)	Letter S <u>continental crust (sial)</u>	(1)
	Letter P <u>oceanic crust (sima)</u>	(1)
(ii)	<u>C - continental drift</u>	(1)
(iii)	(a) <u>D - inner core</u>	(1)
	(b) <u>A - crust</u>	(1)
(iv)	<u>B - mantle</u>	(1)
(v)	<u>D - inner core</u>	(1)
<b>For Markers Use Only</b>		<b>Q34 TOTAL</b>

QUESTION 35		
(i)	<u>increase</u>	(1)
(ii)	<u>decrease</u>	(1)
(iii)	<u>life expectancy</u>	(1)
(iv)	<u>b - working</u>	(1)
(v)	1. <u>C</u>	(1)
	2. <u>a</u>	(1)
	3. <u>b</u>	(1)
<b>For Markers Use Only</b>		<b>Q35 TOTAL</b>

<b>QUESTION 36</b>		
(i)	<u>a - Central Business District</u>	(1)
(ii)	<u>d - CBP</u>	(1)
(iii) (a)	<u>land values decrease away from Zone A</u>	(1)
	<u>land values increase towards Zone A</u>	(1)
(iv)	<u>urban sprawl</u>	(1)
(v)	<u>urban decay</u>	(1)
(vi)	<u>C - Residential Area (children population)</u>	(1)
<b>For Markers Use Only</b>		<b>Q36 TOTAL</b>

<b>QUESTION 37</b>		
(i) (a)	<u>commercial</u>	(1)
	<u>intensive subsistence</u>	(1)
	<u>no agricultural value</u>	(1)
(ii)	<u>water - Desert - dry/arid (lack of water/moisture)</u>	(1)
(iii)	<u>D</u>	(1)
(vi)	<u>A</u>	(1)
(v)	<u>Desertification</u>	(1)
<b>For Markers Use Only</b>		<b>Q37 TOTAL</b>

QUESTION 38

- (i) Florida's salt marshes, mangroves, and bays and in some of its fresh water shallow rivers and canals (1)
- (ii) eats aquatic plants (1)
- (iii) run-off of fertilizers (1)
- (iv) It could help control invasions of Florida's nutrient-rich water (1)
- (v) extinction (1)
- (vi) (a) susceptibility to stress from cold (1)
- (b) their low reproductive rate (1)

← by the water hyacinth / It can keep the waters clear of the invasive species of water hyacinth.

**For Markers Use Only**

**Q38 TOTAL**

QUESTION 39		
(i) <u>Carbon dioxide (CO<sub>2</sub>)</u>		(1)
(ii) <u>Fossil Fuels</u>		(1)
(iii) <u>Chlorofluorocarbons (CFCs)</u>		(1)
(iv) <u>Ozone (O<sub>3</sub>)</u>		(1)
(v) <u>Skin cancer, cataract, respiratory disorders</u>		(1)
(vi) <u>Solar (sun's energy), wind, running water (river, waves, tides, &amp; geothermal vents)</u>	(1) ocean currents,	(1)
(vii) <u>global warming</u>		(1)
<b>For Markers Use Only</b>	<b>Q39 TOTAL</b>	

QUESTION 40		
(i) <u>Tropical Wet and Dry Forest</u>		(1)
(ii) <u>Tropical Rain forest</u>		(1)
(iii) <u>Temperate Evergreen Forest</u>		(1)
(iv) <u>Tundra</u>		(1)
(v) <u>Temperate Deciduous Forest</u>		(1)
(vi) <u>Tropical Desert</u>		(1)
(vii) <u>Tropical Desert</u>		(1)
<b>For Markers Use Only</b>	<b>Q40 TOTAL</b>	