

GEOGRAPHY

Specimen Paper 1 Theory

0584/01

October/November 20XX

1 hour 30 minutes

Additional Materials: Electronic calculator

Mathematical instrument

Graph paper and Tracing paper

1:50 000 Survey Map Extract is enclosed with this question paper.

**CANDIDATE
NAME**

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**CENTRE
NAME**

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INSTRUCTIONS

Shade using an HB pencil, do not use ink.

Erase unwanted marks completely.

Do not use correction fluid.

Do not make any stray marks on this form.

Mark answers by shading the oval heavily, like this: - 

CENTRE NUMBER				CANDIDATE NUMBER			
B	W						
☒	☒	0	0	0	0	0	0
		1	1	1	1	1	1
		2	2	2	2	2	2
		3	3	3	3	3	3
		4	4	4	4	4	4
		5	5	5	5	5	5
		6	6	6	6	6	6
		7	7	7	7	7	7
		8	8	8	8	8	8
		9	9	9	9	9	9

INSTRUCTIONS

- Answer **all** questions.
- Write your candidate name, centre name, centre number and candidate number in the spaces provided at the top of this page and on all work you hand in.
- Write in dark blue or black pen.
- Write your answer to each question in the spaces provided.
- You may use an HB pencil for any diagrams, graphs or rough working.
- Do **not** use staples, paper clips, highlighters, glue or correction fluid.
- DO **NOT** WRITE ON BARCODES.
- Electronic calculators may be used.

INFORMATION

- The total marks for this paper is **50**.
- The number of marks is given in brackets [] at the end of each question or part question.

This document consists of **7** printed pages and **1** blank page.

[illegible]

Section A

Answer **all** questions in this section.

This section refers to the 1:50 000 map extract of Maun, Botswana.

- 1 (a) What is the height in meters, for trigpoint BPT512 in grid square 3888?

_____ [1]

- (b) Give the six figure grid reference of the point where Sehithwa road crosses Shashe River, east of trigpoint BPS253.

_____ [1]

- 2 In which general direction is Thamalakane River flowing?

_____ [1]

- 3 Basha is at the hotel in grid square 4088 and sees the police station in grid square 4091.

- (a) What is the straight line distance in kilometres between the two places?

_____ [2]

- (b) Calculate the average gradient between the two places. Show your working.

_____ [4]

- 4 Calculate the total area of the area liable to flood between eastings 35 and 41, and northings 95 and 99.

_____ [3]

5 Name the settlement pattern in grid square 3885.

[1]

6 List **three** man-made features that are located in grid square 4795.

[3]

7 Suggest **four** factors that might have influenced the location of Maun.

[4]

[Total: 20]

Section B

Answer **all** questions in this section.

- 8 Fig. 1 shows production statistics in Botswana for the years 2012 to 2014 for energy, water resources and some minerals.

Year	Diamonds (000)	Copper-Nickel	Electricity generation	Water sales
	Carats	Tonnes	Thousand KWH	Kilolitres
2012	20 619	35 562	3 768 459	74 347 035
2013	23 133	44 148	3 807 856	82 242 343
2014	12 234	13 260	1 958 753	33 931 386

Source: National Development Plan 10

Fig. 1

- a. (i) In which year was the lowest production of diamonds?

[1]

- i. Describe the change that occurred in the copper-nickel production from 2013 to 2014.

[1]

- ii. Suggest how the decline in electricity generation from 2013 to 2014 may have affected the economy of Botswana.

[4]

9 Fig. 2 shows a climate graph for the equatorial region in Africa.

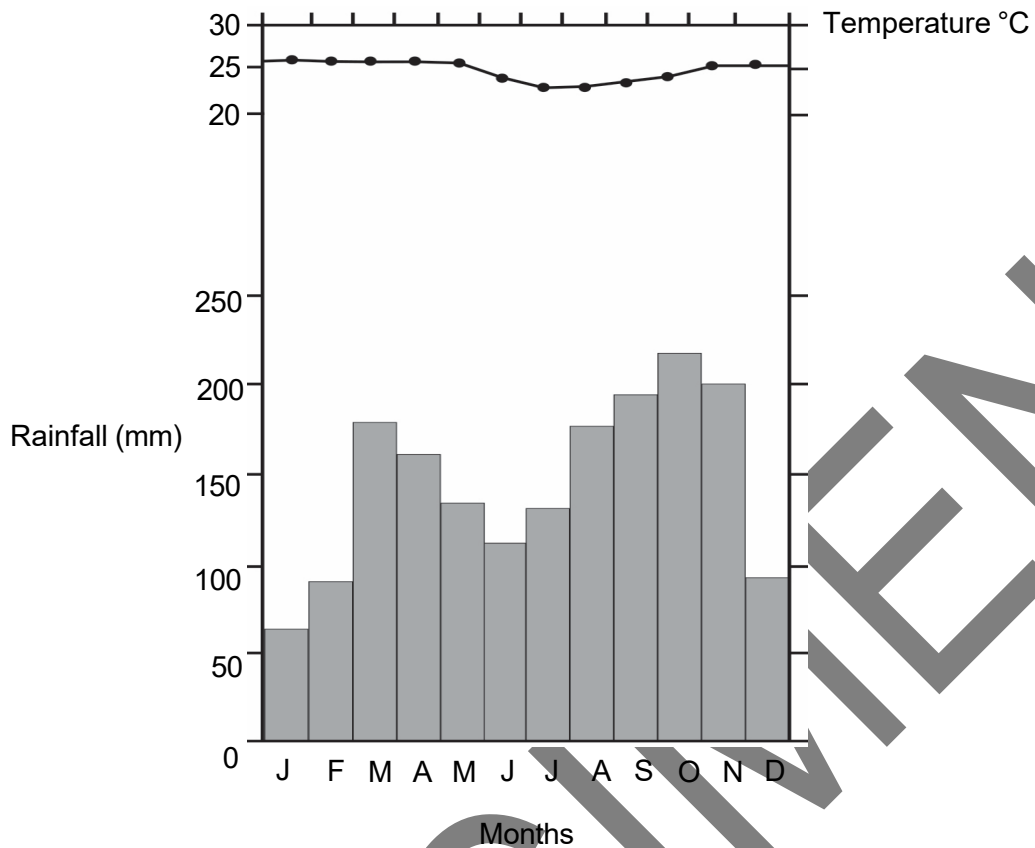


Fig. 2

- (a) (i) Using evidence from Fig. 2 only, describe **two** climate characteristics of the place represented.

[2]

- (ii) Describe **five** features of the vegetation that is found in the equatorial region.

[5]

(b) (i) Describe **four** negative impacts of exploitation of forests in the equatorial region.

[4]

(ii) Explain how the equatorial climate influences human activities in the region.

[4]

[Total: 15]

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