TEST CODE **01225020**

FORM TP 2018073

MAY/JUNE 2018

CARIBBEAN EXAMINATIONS COUNCIL

CARIBBEAN SECONDARY EDUCATION CERTIFICATE® EXAMINATION

GEOGRAPHY

Paper 02 – General Proficiency

2 hours 30 minutes

READ THE FOLLOWING INSTRUCTIONS CAREFULLY.

1. This paper consists of FOUR questions. Answer ALL questions.
2. Write your answers in the spaces provided in this booklet.
3. Do NOT write in the margins.
4. Credit will be given for the use of relevant sketch maps and diagrams.
5. You may use a silent, non-programmable calculator to answer questions.
6. You may use geometrical instruments.
7. If you need to rewrite any answer and there is not enough space to do so on the original page, you must use the extra lined page(s) provided at the back of this booklet. **Remember to draw a line through your original answer.**
8. **If you use the extra page(s) you MUST write the question number clearly in the box provided at the top of the extra page(s) and, where relevant, include the question part beside the answer.**

DO NOT TURN THIS PAGE UNTIL YOU ARE TOLD TO DO SO.

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"*"Barcode Area"*"
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Answer ALL questions.

1. Study the map extract of Pointe Michel, drawn to a scale of 1:25 000 (**provided as an insert**), and then answer the questions that follow.

(a) State the six figure grid reference of the church at Berekua (eastern section of the map extract).

.....

(2 marks)

(b) What is the main land use in grid square 7287?

.....

(1 mark)

(c) State the compass direction of the Banana Shed at Geneva Estate (7285) **from** the church at Berekua.

.....

(1 mark)

(d) Determine the bearing of the trigonometrical station on Morne Plat Pays (6985) **from** the Banana Shed at Geneva Estate (7285).

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(2 marks)

(e) Measure the distance, **in km**, along the road from the police station at Soufrière (6783) to the road junction at Scotts Head Village (6781) (southwest coast).

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(2 marks)

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(f) Study Figure 1 which shows the long profile of the Soufrière River, and answer the questions that follow.

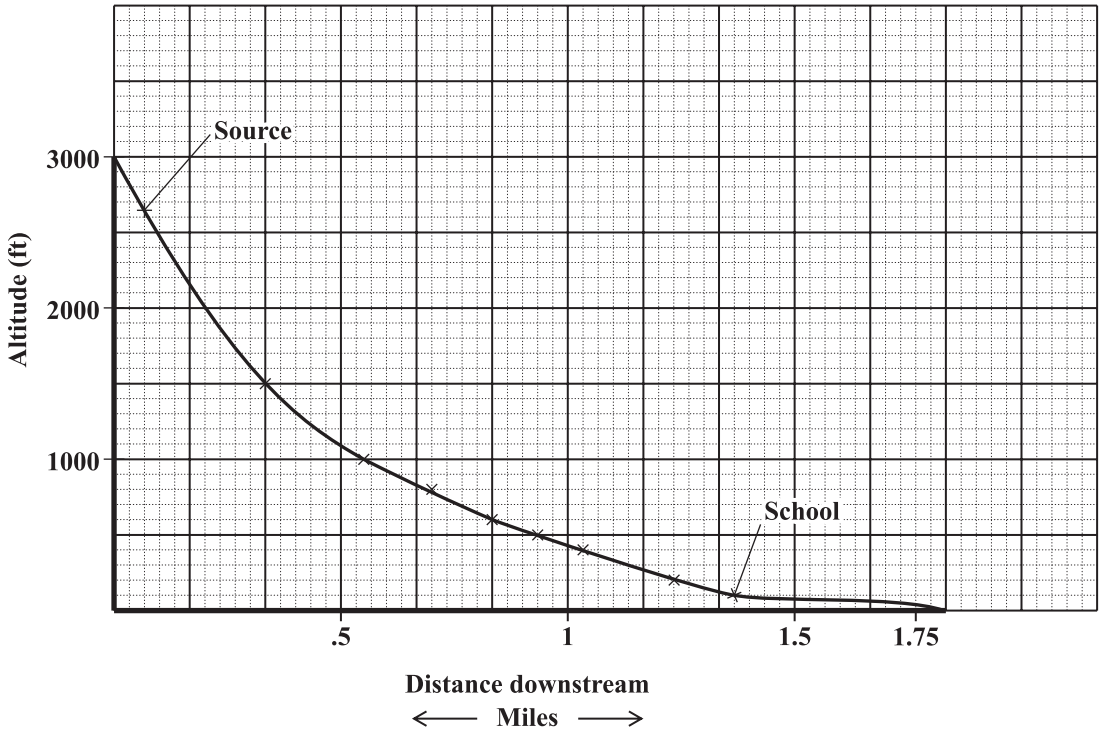


Figure 1. Long profile of the Soufrière River

(i) At what height is the source of the river?

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(1 mark)

(ii) Describe the slope between the source and the school.

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(2 marks)

(iii) In what developmental stage is the river between the school and the sea?

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(1 mark)

GO ON TO THE NEXT PAGE

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(g) State FOUR features of the site where the town of Berekua is located.

Feature 1

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Feature 2

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Feature 3

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Feature 4

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(4 marks)

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(h) Complete Table 1 by inserting from the map

- the type of settlement for the example of places given
- ONE example for the type of settlement given.

TABLE 1: TYPES OF SETTLEMENT

Type of Settlement	Example of Places from Map Extract
	Picodeau, Pichelin or Dubuc
Dispersed	
	Berekua, Soufrière, Pointe Michel, Scotts Head Village

(3 marks)

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(i) State THREE ways in which the relief has influenced the **drainage** of the area indicated on the map.

Way 1.....

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Way 2 .....

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Way 3 .....

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(3 marks)

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(j) State THREE ways in which the relief has influenced the **settlements** indicated on the map.

Way 1 .....

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Way 2 .....

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Way 3 .....

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(3 marks)

Total 25 marks

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2. (a) Study Figure 2 which shows the average rainfall and temperature for Port of Spain in Trinidad for 2016, and then answer the questions that follow.

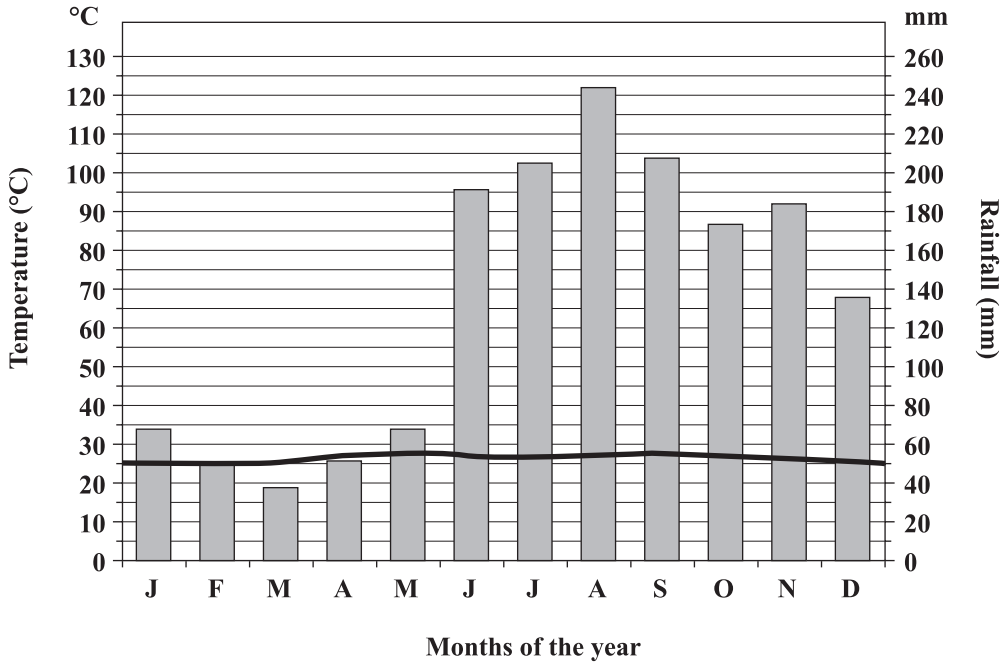


Figure 2. Climograph for Port of Spain, Trinidad

Source: http://en.climate-data.org/location/714883/

(i) Which month has the HIGHEST rainfall?

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(1 mark)

(ii) Determine the annual temperature range.

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(1 mark)

(iii) Calculate the total rainfall for the TWO wettest months.

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(1 mark)

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(iv) Which month has the LEAST rainfall?

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(1 mark)

(v) State ONE observation about the temperature in Port of Spain during the year.

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(1 mark)

(b) (i) List TWO elements of weather.

1. .....

2. .....

(2 marks)

(ii) Define the term 'climate'.

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(2 marks)

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(iii) Describe TWO characteristics EACH of rainfall and temperature in a tropical marine climate.

Rainfall

Characteristic 1 .....

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Characteristic 2 .....

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Temperature

Characteristic 1 .....

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Characteristic 2 .....

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(4 marks)

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(c) Explain TWO ways in which water contributes to the weathering of rocks.

Way 1 .....

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Way 2 .....

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(6 marks)

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(d) Explain the role of climate in the production of latosols.

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(6 marks)

Total 25 marks

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NOTHING HAS BEEN OMITTED.

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3. (a) Table 2 shows the number of Caribbean immigrants living in selected countries in the region in the year 2016.

TABLE 2: NUMBER OF CARIBBEAN IMMIGRANTS IN SELECTED CARIBBEAN COUNTRIES IN 2016

Country	Number of Immigrants
Antigua and Barbuda	13 000
The Bahamas	22 000
Jamaica	6 000
Trinidad and Tobago	28 000

Using the data provided in Table 2, construct a bar graph on the grid in Figure 3 **on page 17** to show the number of Caribbean immigrants in selected Caribbean countries in the year 2016.

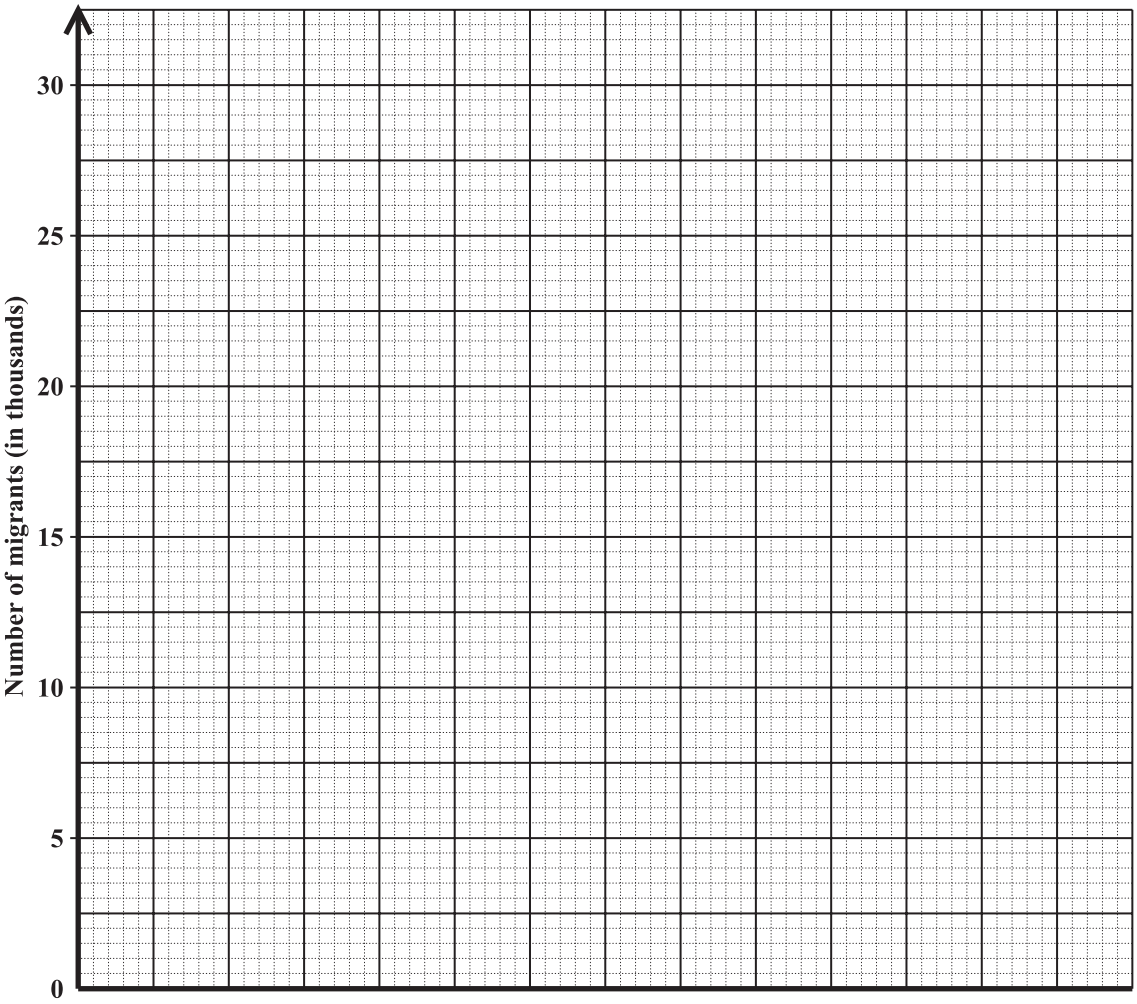
Marks will be awarded as follows:

- Title for graph **(1 mark)**
- Bar accurately drawn and labelled **(4 marks)**

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Title: _____



Countries

Figure 3

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(b) Outline TWO physical features which influence the distribution of population in the Caribbean.

Feature 1 .....

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Feature 2 .....

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(4 marks)

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(c) (i) Describe ONE push factor and ONE pull factor that has caused out-migration in the Caribbean since the 1990s.

Push factor .....

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Pull factor .....

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(4 marks)

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(ii) Using examples, explain THREE consequences of out-migration in the Caribbean since the 1990s.

Consequence 1 .....

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Consequence 2 .....

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Consequence 3 .....

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(6 marks)

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(d) Explain how ONE physical factor and ONE economic factor influence the development of agriculture in the Caribbean.

Physical factor

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Economic factor

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(6 marks)

Total 25 marks

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4. (a) Figure 4 shows the world's major lines of latitude labelled A, B, C, M and N. Study it and then answer the questions that follow.

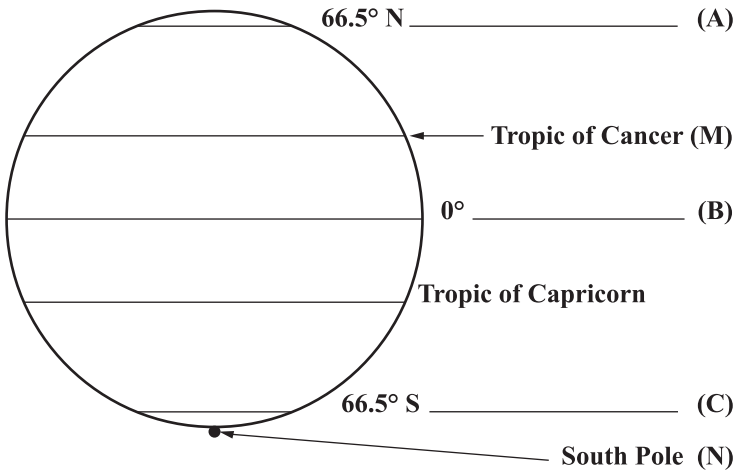


Figure 4. Lines of latitude

(i) Identify the lines of latitude, A, B and C, on Figure 4.

A .....

B .....

C .....

(3 marks)

(ii) State the latitude of M and N on Figure 4.

M = ...

N = ...

(2 marks)

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(b) Identify TWO features of

(i) an atoll

Feature 1 .....

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Feature 2 .....

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(2 marks)

(ii) a fringing reef.

Feature 1 .....

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Feature 2 .....

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(2 marks)

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(iii) Outline TWO reasons why corals grow best in clear water.

Reason 1 .....

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Reason 2 .....

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(4 marks)

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(c) Explain TWO ways in which coral reefs are beneficial to the Caribbean.

Way 1 .....

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Way 2 .....

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(6 marks)

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(d) Describe TWO measures that can reduce the over-exploitation of fish stock in the Caribbean.

Measure 1 .....

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Measure 2 .....

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(6 marks)

Total 25 marks

END OF TEST

IF YOU FINISH BEFORE TIME IS CALLED, CHECK YOUR WORK ON THIS TEST.

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Extract No 819/SOUF

Four colours should appear above; if not then please return to the invigilator

Four colours should appear above; if not then please return to the invigilator

LESSER ANTILLES 1:25000
POINTE MICHEL



SCALE 1:25,000

Mile 1 ¾ ½ ¼ 0 1 2 3 4 5 Miles

Metres 1000 500 0 1 2 3 4 5 6 7 Kilometres

HEIGHTS IN FEET

Surfaced Road — Bridge
Unsurfaced Road
Track and four wheel drive trail
Footpath
Named Building
Other Building
Church, Chapel — Ch Cha
School — Sch
Court House, Hotel — Ct H H
Hospital, Cemetery — Hosp Cem
Police Station — Pol Sta
Post Office — PO
Locality Names — GRAND FOND
Fences, Hedges
Watercourse, Dam, Pond — Dam
Forest Reserve and National Park Boundaries
Parish Boundaries
Trigonometrical Stations:- Main △ " " :- Minor ▽
Heights in feet given to ground level — 1092
Contours V.I.50ft — 550 500 450
Forest
Low Forest, Woodland
Scrub
Line of Trees
Palms
Swamp
Mangrove
Cultivation and Plantation (C. Coconut) — C
Sand or Mud
Cliffs

The representation on this map of a Road, Track or Footpath, is no evidence of the existence of a right of way.

True North
Magnetic North 11°31′W
Grid North 10′01″E

At Sheet Centre
Magnetic Variation as at January 1975
Annual change 05′West

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