

CARIBBEAN EXAMINATIONS COUNCIL

CARIBBEAN SECONDARY EDUCATION CERTIFICATE®  
EXAMINATION

13 MAY 2021 (a.m.)



FILL IN ALL THE INFORMATION REQUESTED CLEARLY IN CAPITAL LETTERS.

TEST CODE 

0	1	2	2	5	0	2	0
---	---	---	---	---	---	---	---

SUBJECT GEOGRAPHY – Paper 02

PROFICIENCY GENERAL

REGISTRATION NUMBER 

--	--	--	--	--	--	--	--	--	--	--

SCHOOL/CENTRE NUMBER  

--	--	--	--	--	--

NAME OF SCHOOL/CENTRE  

--

CANDIDATE'S FULL NAME (FIRST, MIDDLE, LAST)  

--

DATE OF BIRTH 

D	D	M	M	Y	Y	Y	Y
---	---	---	---	---	---	---	---

SIGNATURE \_\_\_\_\_



**DO NOT  
WRITE ON  
THIS PAGE**



0 1 2 2 5 0 2 0 0 2



TEST CODE **01225020**

**FORM TP 2021078**

MAY/JUNE 2021

**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.**

Copyright © 2020 Caribbean Examinations Council  
All rights reserved.

01225020/MJ/CSEC 2021



**Answer ALL questions.**

1. A map extract of a part of Basseterre, St Christopher, (scale 1: 25 000) is **provided as an insert**. Use the map to answer the following questions.

(a) What is the height of the trigonometrical station in grid square 1915?

..... **(1 mark)**

(b) Measure the grid bearing of the roundabout (2611) from the power station at Taylor's (2414).

Grid bearing ..... **(2 marks)**

(c) Measure the distance along the class A road from the edge of the map at Easting 19 to the point where it crosses the Gillews Gut river. **Give your answer to the nearest 100 metres.**

Distance ..... **(2 marks)**

(d) Study the contours in the grid squares given in the table below. Complete the table by using one of the following words to describe the slope of the land in each grid square.

- Gentle
- Moderate
- Steep

Grid Square	Description of Slope
1915	
2013	
2112	

**(3 marks)**

GO ON TO THE NEXT PAGE





- (e) Figure 1 is a grid of the section of the map of Basseterre between Eastings 19 and 22, and Northings 11 and 14. The grid is on the same scale as the map. One contour line and the coastline are inserted.

**On the grid,**

- (i) add an appropriate contour line and shade the area above 1000 ft
- (ii) insert an area of cliffs
- (iii) draw in the course of the Frontier Gut river.

Complete the key provided.

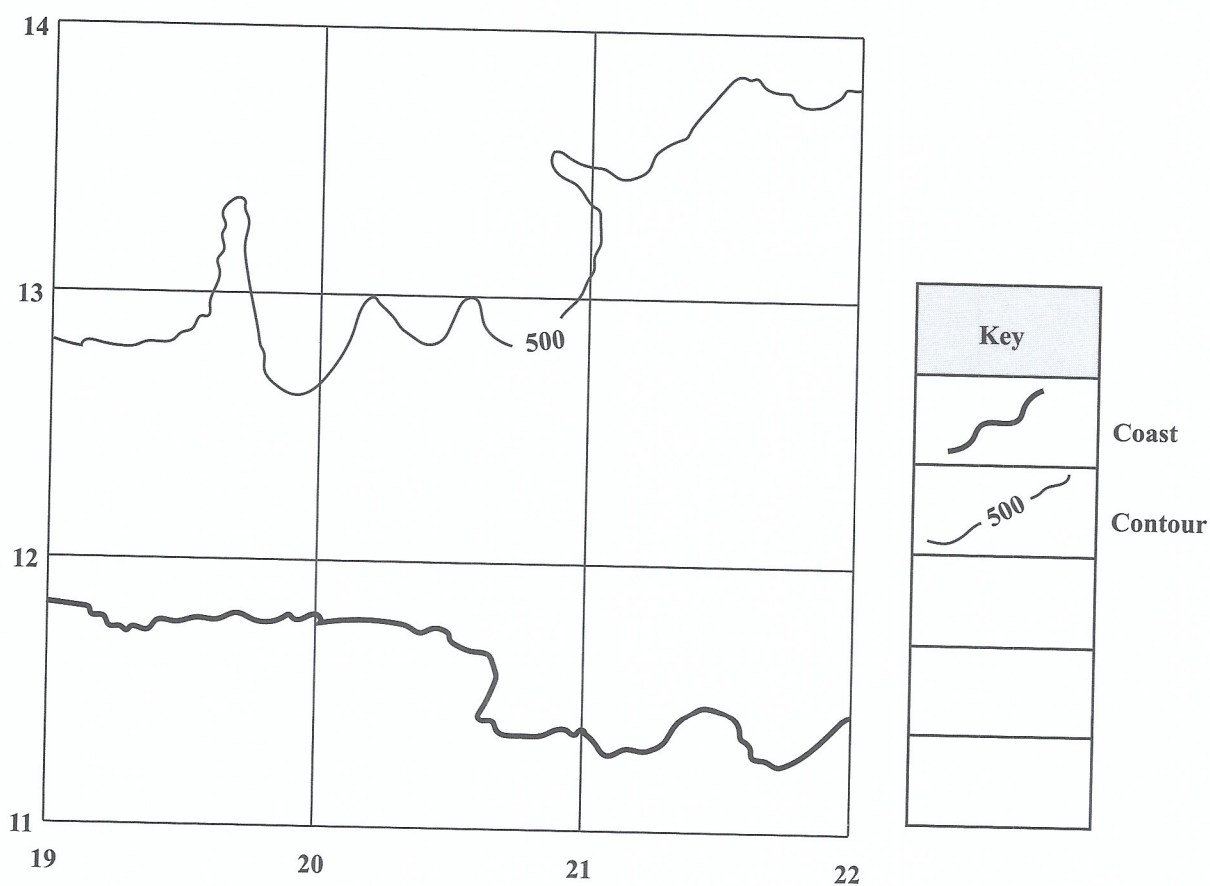


Figure 1. Section of the map of Basseterre

(4 marks)



(f) State THREE features of the site of the town of Basseterre.

1. ....  
.....  
.....
  2. ....  
.....  
.....
  3. ....  
.....  
.....
- (3 marks)**

(g) Describe TWO features of the drainage of the map extract.

1. ....  
.....  
.....  
.....  
.....
  2. ....  
.....  
.....  
.....  
.....
- (4 marks)**

GO ON TO THE NEXT PAGE



(h) Using evidence from the map, suggest THREE reasons that could account for the absence of settlements east of Easting 25.

1. ....

.....

.....

.....

.....

.....

.....

2. ....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

(6 marks)

**Total 25 marks**

GO ON TO THE NEXT PAGE



2. (a) Figure 2 represents the formation of three types of rocks. Study it carefully and then answer (a) (i) to (iii).

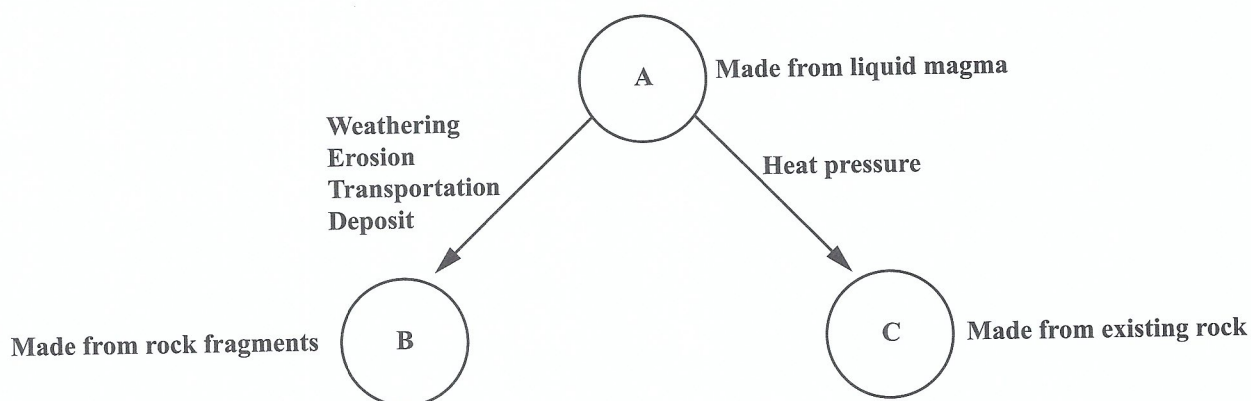


Figure 2. Formation of types of rocks

- (i) What type of rock is MOST likely to be included at A?

..... (1 mark)

- (ii) State TWO processes that help to transform Type A rocks to Type B rocks.

.....  
..... (2 marks)

- (iii) From the information in Figure 2, outline how metamorphic rocks are formed.

.....  
.....  
..... (2 marks)

GO ON TO THE NEXT PAGE





(b) (i) Define EACH of the following terms.

Soil creep

.....  
.....  
.....  
.....

Mass wasting

.....  
.....  
.....  
.....

(4 marks)

(ii) Explain how the MAIN form of weathering occurs in karst (limestone) landscapes.

.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....

(4 marks)



- (c) In October 2010, the district of Soufriere, a mountainous region in the southwest of Saint Lucia, experienced devastating landslides. Explain why a landslide occurred in this situation.

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

**(6 marks)**





3. (a) Study the map of the Caribbean given below and then answer (a) (i) to (ii).



Figure 3. Map of the Caribbean

Adapted from <https://images.app.goo.gl/rHzwKsaWf2rXeqem8>.  
Retrieved 30 September 2019.

(i) State the names of **any FIVE** of the countries identified by the letters A–G on the map.

- A .....
- B .....
- C .....
- D .....
- E .....
- F .....
- G .....

(5 marks)

GO ON TO THE NEXT PAGE





- (ii) Name ONE non-renewable natural resource used for commercial purposes that is found in **any** FOUR of the countries identified in (a) (i).

Country	Natural Resource

(4 marks)

- (b) Differentiate between 'renewable resources' and 'non-renewable resources.'

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

(4 marks)

GO ON TO THE NEXT PAGE





(d) Explain how TWO measures implemented by Caribbean governments have assisted in the development of the food processing industry in the region.

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

**(6 marks)**

**Total 25 marks**

**GO ON TO THE NEXT PAGE**



4. (a) Figure 4 shows the annual occurrence of natural disaster events in Latin America and the Caribbean. Study the figure and then answer (a) (i) to (iv).

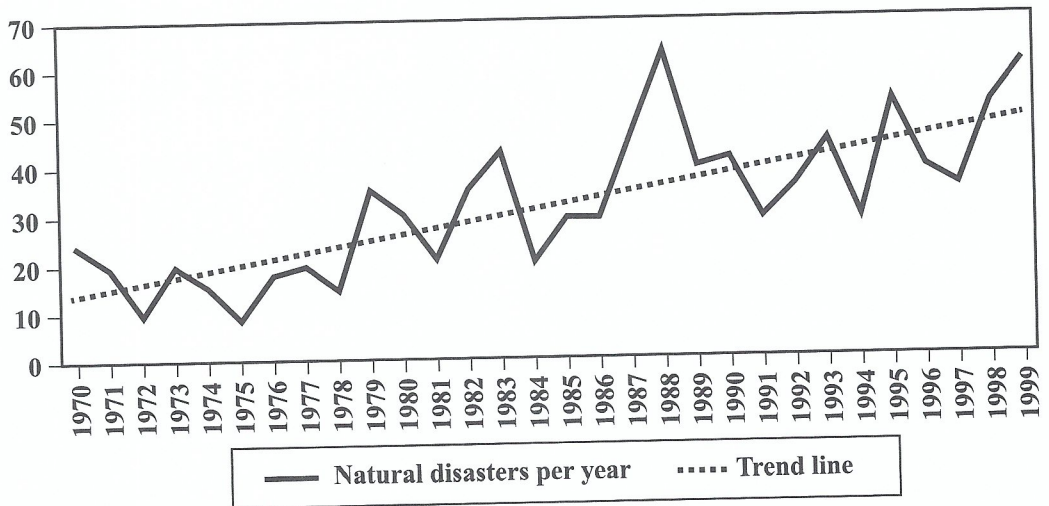


Figure 4. Annual occurrence of natural disaster events in Latin America and the Caribbean (1970–1999)

- (i) How many disaster events were there in 1999?  
..... (1 mark)
- (ii) Which year had the highest occurrence of natural disasters?  
..... (1 mark)
- (iii) Identify ONE year in which there were approximately ten disaster events.  
..... (1 mark)
- (iv) During the 1980s, which year had the LEAST number of disaster events?  
..... (1 mark)
- (v) What is the trend in disaster events between 1970 and 1999?  
..... (1 mark)

GO ON TO THE NEXT PAGE





- (b) (i) Distinguish between a ‘natural hazard’ and a ‘natural disaster’.

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

**(4 marks)**

- (ii) The table below lists two natural hazards. State the names of TWO Caribbean countries where EACH of these hazards became a disaster.

Hazard	Countries Impacted
Earthquake	
Hurricane	

**(4 marks)**



- (c) Explain ONE possible **long-term effect** of EITHER an earthquake OR a volcanic eruption on EACH of the following areas of a country.

Infrastructure

.....

.....

.....

.....

.....

.....

.....

.....

.....

Economy

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

(6 marks)

GO ON TO THE NEXT PAGE



- (d) Explain how TWO measures used by local disaster preparedness agencies in the Caribbean may help to reduce the impact of a natural hazard.

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

(6 marks)

Total 25 marks

END OF TEST

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







**EXTRA SPACE**

If you use this extra page, you **MUST** write the question number clearly in the box provided.

Question No.

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....





**DO NOT  
WRITE ON  
THIS PAGE**



0 1 2 2 5 0 2 0 2 3

## CANDIDATE'S RECEIPT

### INSTRUCTIONS TO CANDIDATE:

1. Fill in all the information requested clearly in capital letters.

TEST CODE: 

0	1	2	2	5	0	2	0
---	---	---	---	---	---	---	---

SUBJECT: GEOGRAPHY – Paper 02

PROFICIENCY: GENERAL

REGISTRATION NUMBER: 

--	--	--	--	--	--	--	--	--	--

FULL NAME: \_\_\_\_\_  
(BLOCK LETTERS)

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

2. Ensure that this slip is detached by the Supervisor or Invigilator and given to you when you hand in this booklet.
3. Keep it in a safe place until you have received your results.

### INSTRUCTION TO SUPERVISOR/INVIGILATOR:

Sign the declaration below, detach this slip and hand it to the candidate as his/her receipt for this booklet collected by you.

I hereby acknowledge receipt of the candidate's booklet for the examination stated above.

Signature: \_\_\_\_\_  
Supervisor/Invigilator

Date: \_\_\_\_\_



0 1 2 2 5 0 2 0 2 4