

CARIBBEAN EXAMINATIONS COUNCIL

CARIBBEAN SECONDARY EDUCATION CERTIFICATE®
EXAMINATION

16 MAY 2019 (a.m.)



FILL IN ALL THE INFORMATION REQUESTED CLEARLY IN CAPITAL LETTERS.

TEST CODE

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SUBJECT GEOGRAPHY – Paper 02

PROFICIENCY GENERAL

REGISTRATION NUMBER

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SCHOOL/CENTRE NUMBER

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NAME OF SCHOOL/CENTRE

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

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DATE OF BIRTH

D	D	M	M	Y	Y	Y	Y
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SIGNATURE _____



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TEST CODE **01225020**

FORM TP 2019076

MAY/JUNE 2019

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.



Answer ALL questions.

1. Study the map extract of Penal, drawn to a scale of 1:25 000 (**provided as an insert**), and answer the following questions.

(a) (i) State the six figure grid reference of the minor trigonometrical station near Northing 23.

.....
(2 marks)

(ii) What is the compass direction of the oilfield from the minor trigonometrical station?

.....
(1 mark)

(b) Name TWO types of natural vegetation that are present along Easting 63.

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

(c) What is the bearing of the hospital slightly north of Pluck from the dam at Grande Terre?

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

(d) What is the distance, in kilometres, along the first class road between Northing 26 and Northing 28?

.....
(2 marks)

254

0002



(e) Give ONE word to describe the gradient of the slope present at EACH of the following locations along Northing 23 moving from east to west.

(i) 25 feet contour line near the disused railway to the first 50 feet contour line (3367)

.....

(ii) 50 feet contour line to the 125 feet contour line in grid 2366

.....

(iii) 100 feet contour line to the 175 feet contour line in grid 2364

.....

(3 marks)

(f) Identify the main type of settlement found in each of the following grid squares.

(i) 6026

(ii) 6926

(iii) 6824

(3 marks)

(g) State FOUR characteristics of the drainage north of Northing 25 shown on the map extract.

1.

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2.

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3.

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4.

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(4 marks)

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(h) Outline THREE factors that may have influenced the distribution of rice cultivation in the area depicted on the map extract.

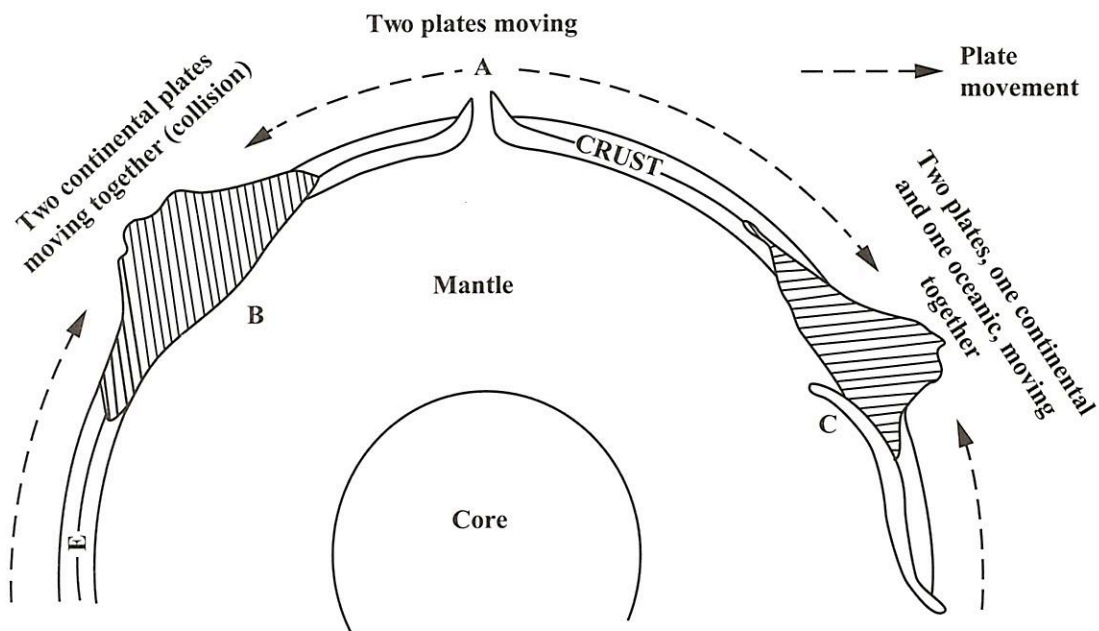
1.
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(6 marks)

Total 25 marks



2. (a) Study the diagram below which shows plate boundaries and then answer the questions which follow.



- (i) Name the plate boundaries shown at
 A
 C
(2 marks)
- (ii) What type of mountain is formed at B?

(1 mark)
- (iii) State ONE landform associated with the plate boundary shown at A.

(1 mark)
- (iv) State the name of ONE active volcano located in the Caribbean.

(1 mark)
- (5 marks)**

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- (b) (i) Describe how EACH of the following features is formed.

Sills

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Dykes

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(4 marks)

- (ii) Describe what happens when a continental plate meets an oceanic plate.

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(4 marks)



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- (d) Explain the cause of earthquakes at convergent and transform boundaries.

Convergent boundaries

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Transform boundaries

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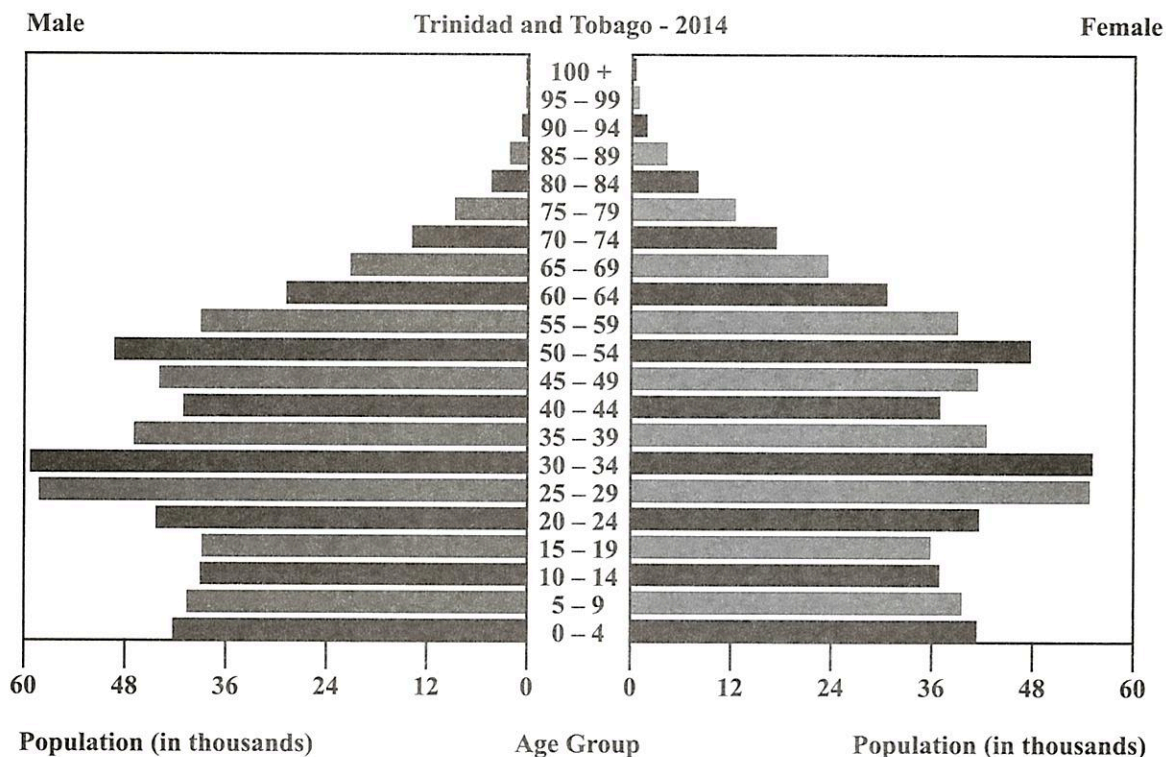
(6 marks)

Total 25 marks

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3. (a) Study the graph below which shows a population pyramid of Trinidad and Tobago for 2014, and then answer the questions that follow.



Source: Retrieved 02 January 2018 from https://www.indexmundi.com/trinidad_and_tobago/age_structure.html.

- (i) What is the range for EACH age group represented in the population pyramid?
.....
(1 mark)
- (ii) Which age range has the GREATEST number of males?
.....
(1 mark)
- (iii) State ONE age range that has a population of over 48 000 female members.
.....
(1 mark)
- (iv) Which age range has the LEAST number of persons below 25 years?
.....
(1 mark)

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Social

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Political

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(6 marks)

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- (c) Compare the characteristics of large scale and small-scale farming in the Caribbean using the following headings

Size of farms

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Farming practices

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Labour supply

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Technology

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(12 marks)

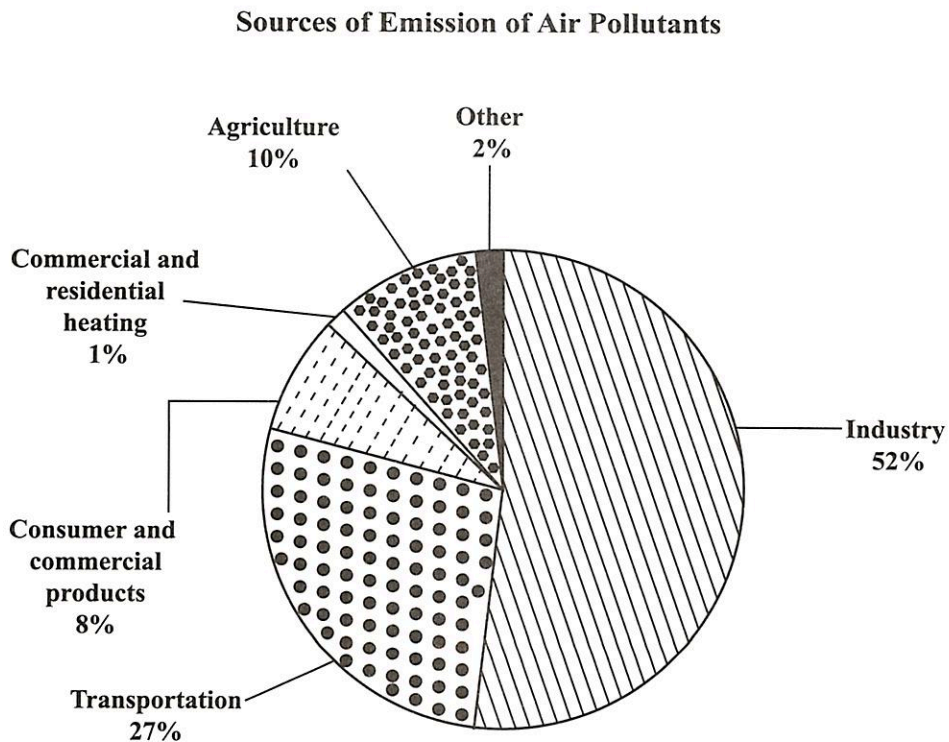
Total 25 marks

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4. (a) Study the pie chart below which shows sources of emission of air pollutants and then answer the questions which follow.



Source: Retrieved 6 November 2017 from https://www.researchgate.net/figure/Sources-of-Emissions-of-Air-Pollution-International-Energy-resources-2011_fig1_313894270

- (i) What percentage of air pollutants results from the transportation sector?
.....
(1 mark)
- (ii) What percentage of air pollutants results from industry?
.....
(1 mark)
- (iii) What sector contributes the LOWEST percentage of pollutants to the air?
.....
(1 mark)



(iv) Suggest ONE conclusion that can be drawn from the information given in the chart.

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(2 marks)

(5 marks)

(b) (i) Describe TWO conditions that are necessary for the formation of coral reefs.

1.
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2.
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(4 marks)

(ii) Outline TWO ways in which coral reefs protect the coastal region in the Caribbean.

1.
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2.
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(4 marks)

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CANDIDATE'S RECEIPT

INSTRUCTIONS TO CANDIDATE:

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

TEST CODE:

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SUBJECT: GEOGRAPHY – Paper 02

PROFICIENCY: GENERAL

REGISTRATION NUMBER:

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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: _____

