



OUNDLÉ

School

2021 Academic Scholarship Paper

Geography

Time allowed: **1 hour 30 minutes**

Also needed:

- 1:25 000 OS map extract of “Petite Riviere, Mauritius”

Instructions:

- Write all your answers on lined paper and your name at the top of each page you write on.
- Clearly number every question that you answer;
- Answer the following:
 - **All** of Section A;
 - **One** question from Section B; (B1 OR B2)
 - **One** from Section C.
- The marks available for each question are shown in brackets; the length of each answer relate to the number of marks and this should guide you on how much time to spend on each.

Information:

- The total number of marks for this paper is **60**. Each section is weighted **equally**;
- Credit will be given for the use of examples, labelled maps and sketches/diagrams, where used appropriately.

Section A: Applied Map work

You **must** answer all of Section A.

You **should** refer to the Map Key on the reverse of the map extract.

You may write on the map, if needed.

1. Study the map extract of Petite Riviere, Mauritius. (1:25,000 scale.)

(a) Identify the following:

- i) The ecosystem in Petite Riviere Bay at grid reference 86,98. (1)
- ii) The spot height in grid square 89,02. (1)
- iii) In which direction is Canot (89, 97) from Camp Creole Belle Eau (88, 98). (1)
- iv) Which type of vegetation is found at 869, 988. (1)
- v) Two water sources that are found in Belle Vue at grid reference 88, 99. (1)
- vi) What would you find at 901,999. (1)
- vii) What is the distance along the 'Main B' road from the junction at 873, 983 to the junction at 888, 994 in kilometres. (1)

(b) Using map evidence, describe the main economic activity in Petite Riviere, Mauritius. (2)

(c) Using map evidence, identify two features that support the main economic activity that you have described in your answer to b and describe what support they provide. (4)

(d) Suggest advantages and disadvantages that the area has for the development of a tourist industry. In each case, state map evidence. (4)

(e) Look again at the map extract. Which three settlements are described below? (3)

- i. This settlement has a marsh on its northeastern side. It contains a School, Post Office, Police Station and Community Centre.
- ii. This settlement has a Water Pump, Village Hall and Temple and is the most densely populated settlement on the map extract.
- iii. This settlement has Pits on its southeastern side and the majority of the populated area is to the northern side of the B78.

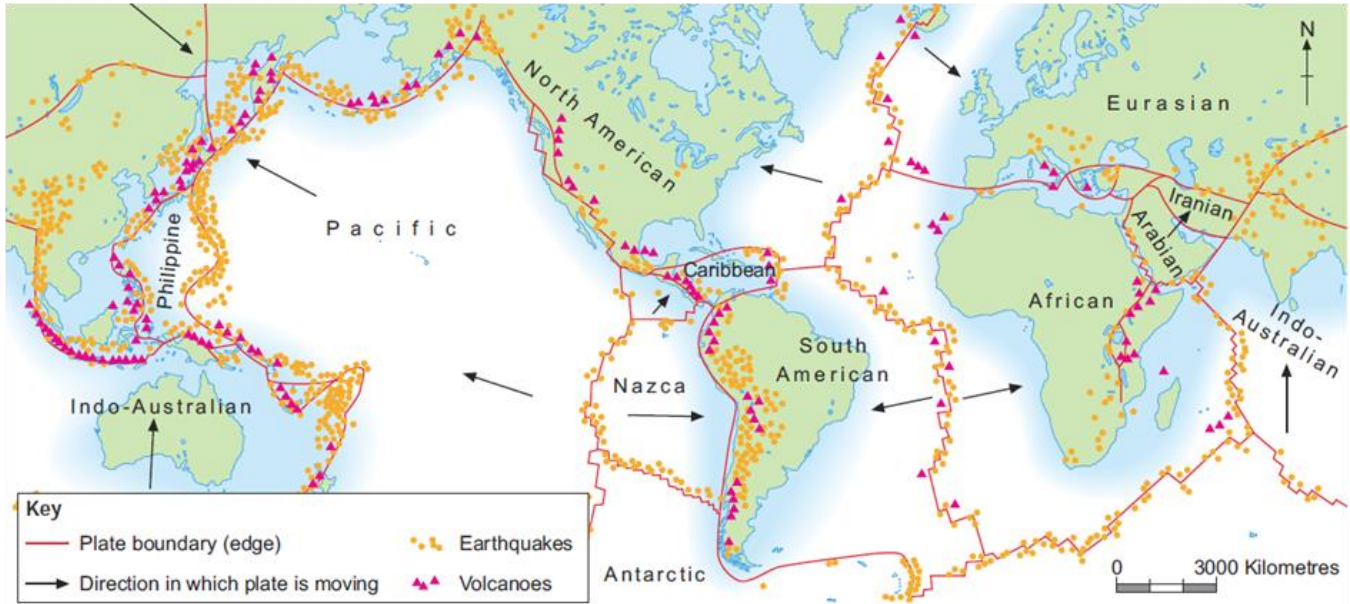
(Total marks for section A = **20 marks**)

Section B: Applied Physical and Human Geography

Choose **one** question from this section (either B1 or B2)

Question B1 (Applied Physical Geography)

Study **Figure B1** below which shows the global distribution of earthquakes and volcanoes.



Photograph B1

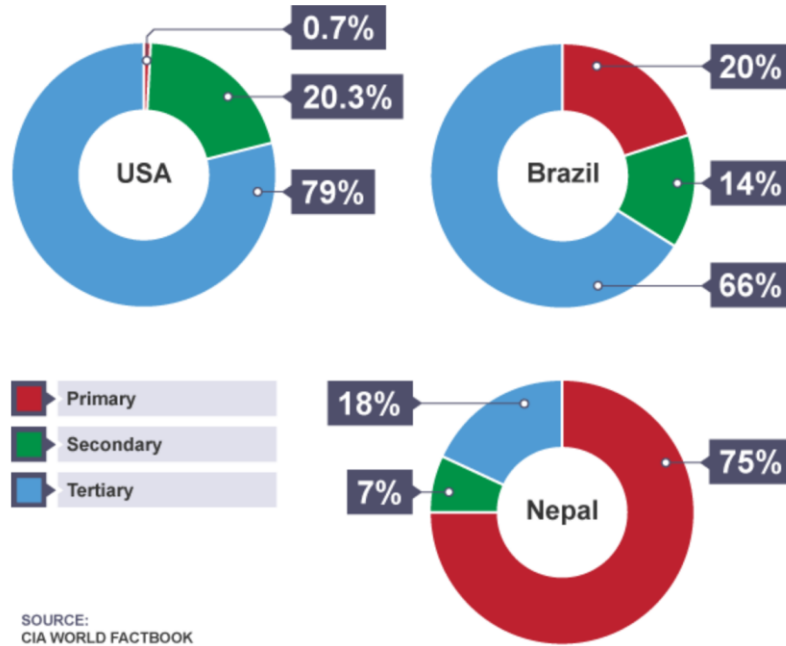
- (a) Which type of plate boundary is between the South American and African plates (1)
- (b) Which tectonic hazard dominates the eastern side of the Philippine plate? (1)
- (c) Identify the difference between continental and oceanic crust. (2)
- (d) Explain the cause of volcanic eruptions. (3)
- (e) Identify and describe one advantage of living near to a volcano. (3)
- (f) Suggest four responses are required after an earthquake (which may or may not involve a tsunami) or volcanic eruption. (4)
- (g) Describe the effects of an earthquake (which may or may not involve a tsunami) or volcanic eruption that you have studied. (6)

(Total marks for question B1 = 20 marks)

DO NOT answer this question if you have just answered B1.

Question B2 (Applied Human Geography)

Study **Graph B2**, which shows the employment structures of three countries in 2013.



Graph B2

- (a) Define the term 'primary industry'. (1)
- (b) Which country has the highest percentage working in tertiary industry? (1)
- (c) Suggest which country is least developed and the evidence for this in graph B2. (2)
- (d) Give two advantages of decreased travel times for goods today compared to 100 years ago. (2)
- (f) Explain why fewer transport links in a place have a negative impact on quality of life. (4)
- (h) Explain how economic development can lead to population growth in an area. (4)
- (i) For a named area that you have studied, describe the reasons for its location which might include natural resources/raw materials, site, labour, power source, market and transport. (6)

(Total marks for question B2 = 20 marks)

Section C: Essays

Choose only **ONE** question from this section. All questions are marked out of 20 marks.

Tips:

- Write two sides of A4.
 - Include a short introduction (2-3 sentences)
 - Write in paragraphs with a logical structure (Point, Example, Explain)
 - Include a short conclusion (2-3 sentences)
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1. Describe and explain how human activity (such as tourism or manufacturing) has altered landscape/s both positively and negatively by using named place/s as examples

 2. Describe and explain the formation of natural landforms (e.g. river landforms OR coastal landforms OR glacial landforms etc) using named place/s as examples.

 3. Describe and explain the pattern of human population distribution across the world using named places as examples.

 4. Describe and explain the relationship between economic development and types of economic activities globally using named places as examples.

(Total marks for Section C= **20 marks**)