

91243



NEW ZEALAND QUALIFICATIONS AUTHORITY
MANA TOHU MĀTAURANGA O AOTEAROA

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SUPERVISOR'S USE ONLY

Level 2 Geography, 2015

91243 Apply geography concepts and skills to demonstrate understanding of a given environment

9.30 a.m. Thursday 26 November 2015
Credits: Four

Achievement	Achievement with Merit	Achievement with Excellence
Apply geography concepts and skills to demonstrate understanding of a given environment.	Apply geography concepts and skills with precision to demonstrate in-depth understanding of a given environment.	Apply geography concepts and skills with precision to demonstrate comprehensive understanding of a given environment.

Check that the National Student Number (NSN) on your admission slip is the same as the number at the top of this page.

You should attempt ALL the questions in this booklet.

Pull out Resource Booklet 91243R from the centre of this booklet.

If you need more room for any answer, use the extra space provided at the back of this booklet.

Check that this booklet has pages 2–12 in the correct order and that none of these pages is blank.

YOU MUST HAND THIS BOOKLET TO THE SUPERVISOR AT THE END OF THE EXAMINATION.

TOTAL

ASSESSOR'S USE ONLY

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The examination continues on the following page.**

QUESTION ONE: The Panama Canal and World Trade

Refer to **Resources A–C** on pages 2 and 3 of the resource booklet when answering (a), (b), and (c).

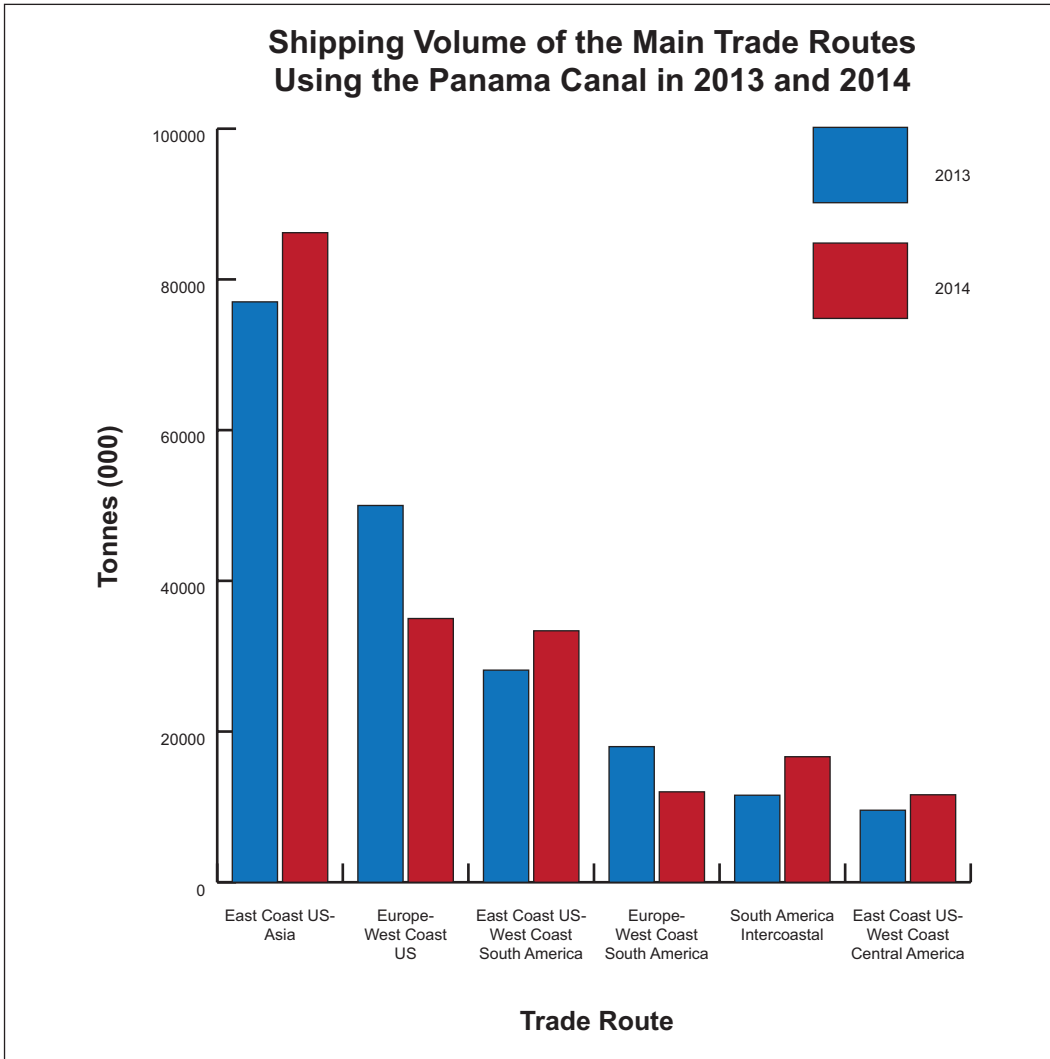
- (a) Describe, in detail, the location of the Panama Canal.

- (b) What was the **main** reason Panama was chosen as the location for the canal?

- (c) What is the distance saved when ships travelling between the western side of North America and the eastern side of North America, use the Panama Canal, instead of going around Cape Horn?

Question One continues on the next page

Refer to the graph below when answering (d).



(d) Describe, in detail, the pattern that is apparent from the graph above.

QUESTION TWO: Features of the Panama Canal

Refer to **Resource D** on pages 4 and 5 of the resource booklet when answering (a) to (c).

(a) What is the length of the Gatún Locks from grid reference 182243 to 183256?

(b) What feature, other than the Gatún Locks, shows that water is **stored** in Gatún Lake?

(c) Identify TWO pieces of evidence that suggest there are potential hazards for ships navigating the Panama Canal.

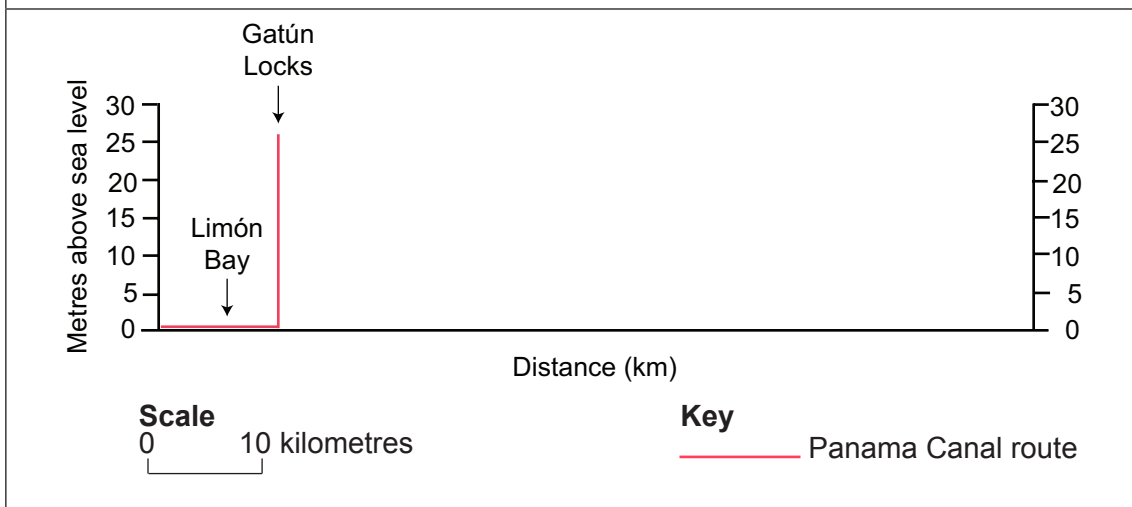
(1) _____

(2) _____

Refer to the text in **Resource C** on page 3 of the resource booklet when answering (d).

(d) Complete the remainder of the canal route cross section below by locating and labelling:

- Gatún Lake
- The Gaillard Cut
- The Pedro Miguel Locks
- The Miraflores Locks
- The Inter-American Highway Bridge.

Cross section of the Panama Canal route:

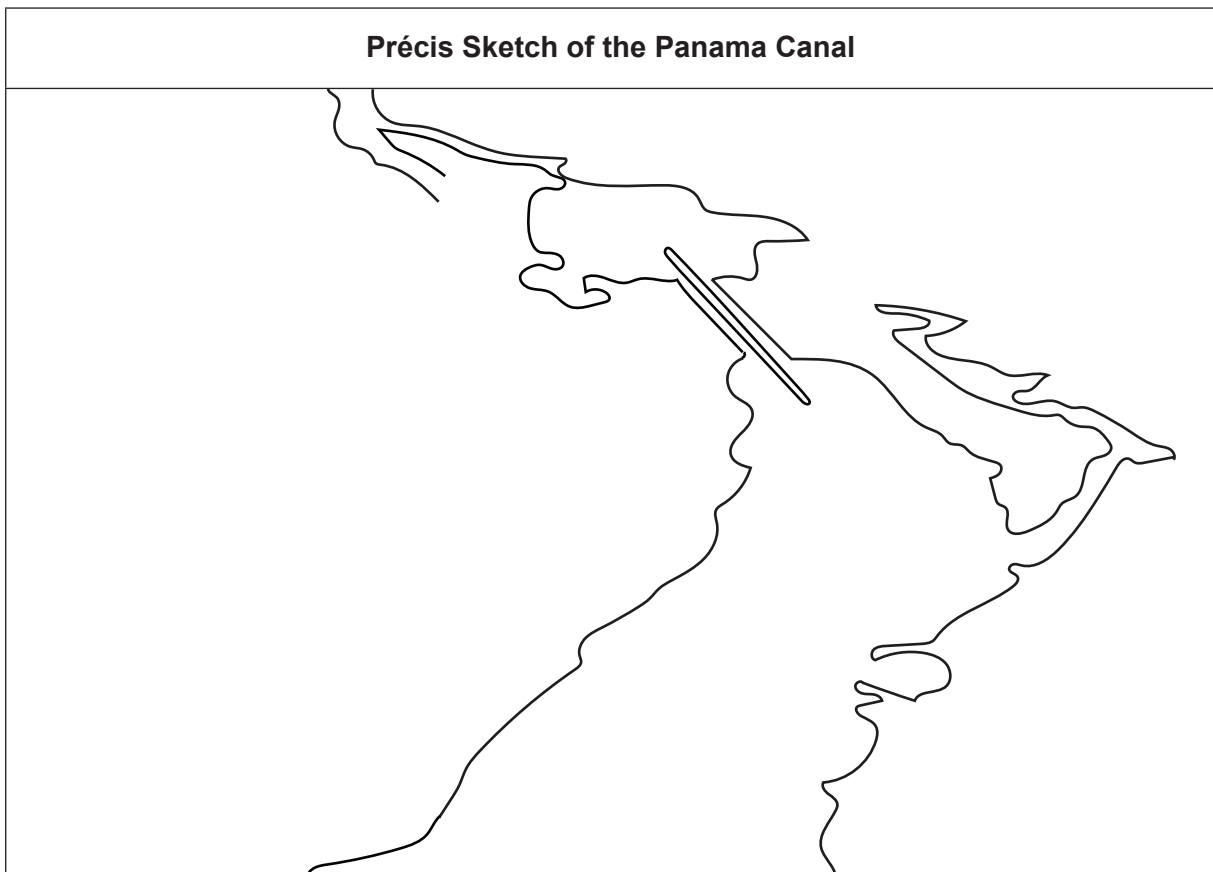
QUESTION THREE: The Panama Canal Expansion

Refer to **Resources E and F** on pages 6 and 7 of the resource booklet, when answering (a).

- (a) Explain, in detail, why an expansion of the Panama Canal is necessary.

Refer to **Resource G** on page 8 of the resource booklet, when answering (b).

- (b) Complete the **précis sketch** below by adding detailed annotations to show the main features of the Panama Canal after it has been expanded.



Refer to **Resources F and G** on pages 7 and 8 of the resource booklet, when answering (c).

- (c) What is the general direction that ships will travel when transiting the expanded Milaflores Locks from the Pacific Ocean to the Atlantic Ocean?

Read the geographic concept below, and refer to it, as well as **Resource H** on page 9 of the resource booklet, when answering (d) and (e).

Geographic Concept

Perspectives are ways of seeing the world that help explain responses to environments. Perspectives involve people's perceptions (how they view and interpret environments) and viewpoints (what they think) about geographic issues. Perceptions and viewpoints are influenced by people's values (deeply held beliefs about what is important or desirable).

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Source (adapted) from [http://www.pancanal.com/eng/op/transit-stats/2014/2014-Table00\[1\].pdf](http://www.pancanal.com/eng/op/transit-stats/2014/2014-Table00[1].pdf)

The cartoon above reflects a particular perspective in relation to the Panama Canal expansion.

- (d) Which of the three individuals in Resource H best reflects the perspective in the cartoon above?

- (e) Fully explain why the individual you chose in (d) best reflects the perspective in the cartoon.

In your answer, you should:

- use geographic terminology
- use the geographic concept of perspectives
- integrate specific evidence from Resource H.

Question Three (e) continues on the next page
