

**Victorian Certificate of Education  
2016**

SUPERVISOR TO ATTACH PROCESSING LABEL HERE

STUDENT NUMBER           Letter

**GEOGRAPHY**  
**Written examination**

**Friday 11 November 2016**

**Reading time: 3.00 pm to 3.15 pm (15 minutes)**

**Writing time: 3.15 pm to 5.15 pm (2 hours)**

**QUESTION AND ANSWER BOOK**

**Structure of book**

<i>Number of questions</i>	<i>Number of questions to be answered</i>	<i>Number of marks</i>
8	8	80

- Students are permitted to bring into the examination room: pens, pencils, highlighters, erasers, sharpeners, rulers, coloured pencils, water-based pens and markers.
- Students are NOT permitted to bring into the examination room: blank sheets of paper and/or correction fluid/tape.
- No calculator is allowed in this examination.

**Materials supplied**

- Question and answer book of 12 pages.
- Data book.
- Additional space is available at the end of the book if you need extra paper to complete an answer.

**Instructions**

- Write your **student number** in the space provided above on this page.
- All written responses must be in English.

**At the end of the examination**

- You may keep the data book.

**Students are NOT permitted to bring mobile phones and/or any other unauthorised electronic devices into the examination room.**

**Instructions**

Answer **all** questions in the spaces provided. Refer to the data book as indicated.

*Use Figure 1 on pages 2 and 3 of the data book when responding to Questions 1 and 2.*

**Question 1** (3 marks)

a. Tick (✓) the correct box.

A change in land use from salt pans in 1980 to urban housing in 2016 has occurred at which location?

1 mark

- 840850
- 833850
- 828827
- 840846

b. Using map evidence, suggest how a natural characteristic appears to have restricted a change in land use in map grid square 8383.

2 marks

---

---

---

---

**Question 2** (4 marks)

The satellite image in Figure 1b is an example of spatial technology.

Describe **one** way in which the information from spatial technology, such as satellite imaging, could assist in managing land use change.

---

---

---

---

---

---

---

---

**Question 3** (8 marks)

Identify the location of your selected area of fieldwork.

---

---

- a. State the land use change investigated at your selected area of fieldwork. 1 mark

---

---

- b. For your selected area of fieldwork, outline a natural characteristic that has influenced, or is likely to influence, land use change. 3 marks

---

---

---

---

---

---

- c. Identify and assess **one** impact of land use change at your selected area of fieldwork on its surrounding region. 4 marks

---

---

---

---

---

---

---

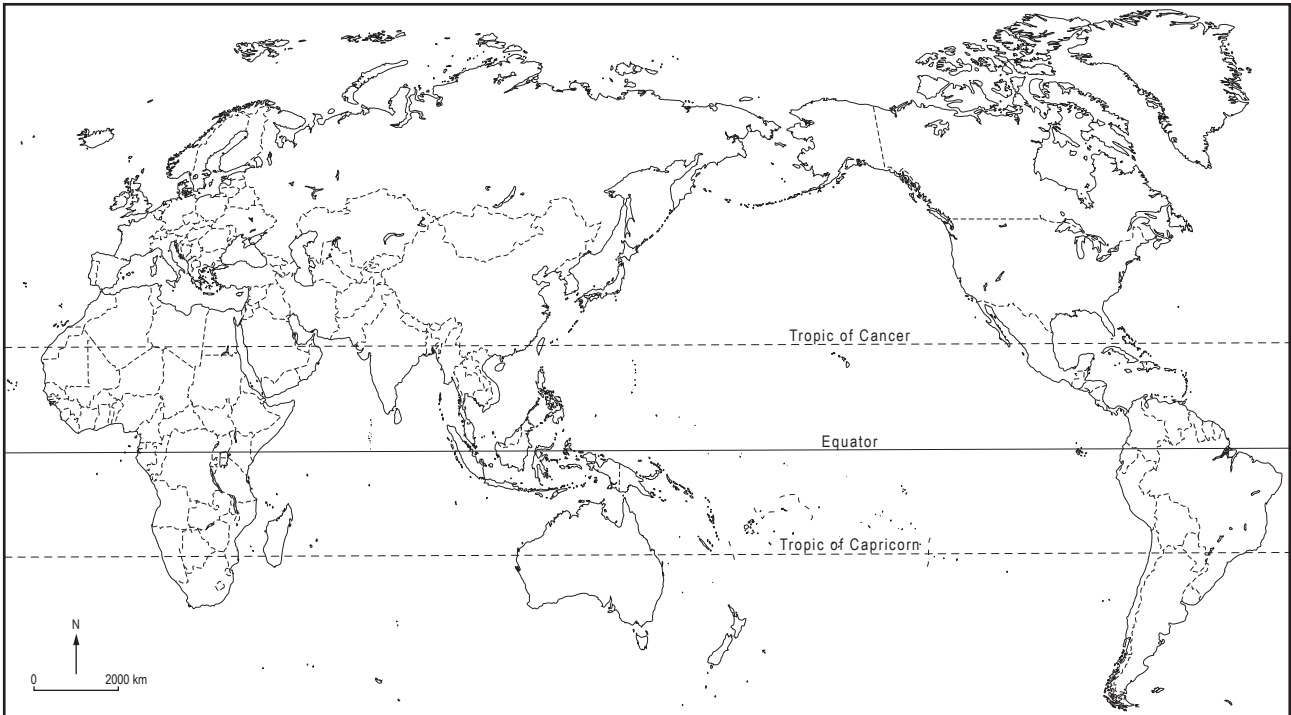
---

---

---

**Question 4** (15 marks)

- a. Using the outline map below, locate and name a specific location where either deforestation or desertification has occurred or is occurring. Use the correct conventions to complete the map. 3 marks



- b. For each of the following, describe **one** impact of your selected process at the specific location mapped in **part a**. 12 marks

- The environment \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

- Economic activity\_\_\_\_\_

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

- Social conditions\_\_\_\_\_

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---



*Use Figure 2 on pages 4 and 5 of the data book when responding to Question 6.*

**Question 6** (5 marks)

Describe the changes in the crude birth rates and crude death rates between 1986 and 2016.

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

**TURN OVER**

**Question 7** (23 marks)

Name a country with either a growing population or an ageing population.

---

- a.** Describe the nature of an issue and challenge faced by this population. 6 marks

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

- b.** Outline the world regional context of this population issue and challenge. 5 marks

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---











**Victorian Certificate of Education  
2016**

**GEOGRAPHY**  
**Written examination**

**Friday 11 November 2016**

**Reading time: 3.00 pm to 3.15 pm (15 minutes)**

**Writing time: 3.15 pm to 5.15 pm (2 hours)**

**DATA BOOK**

**Instructions**

A question and answer book is provided with this data book.

Refer to the data in this book for each question as indicated in the question and answer book.

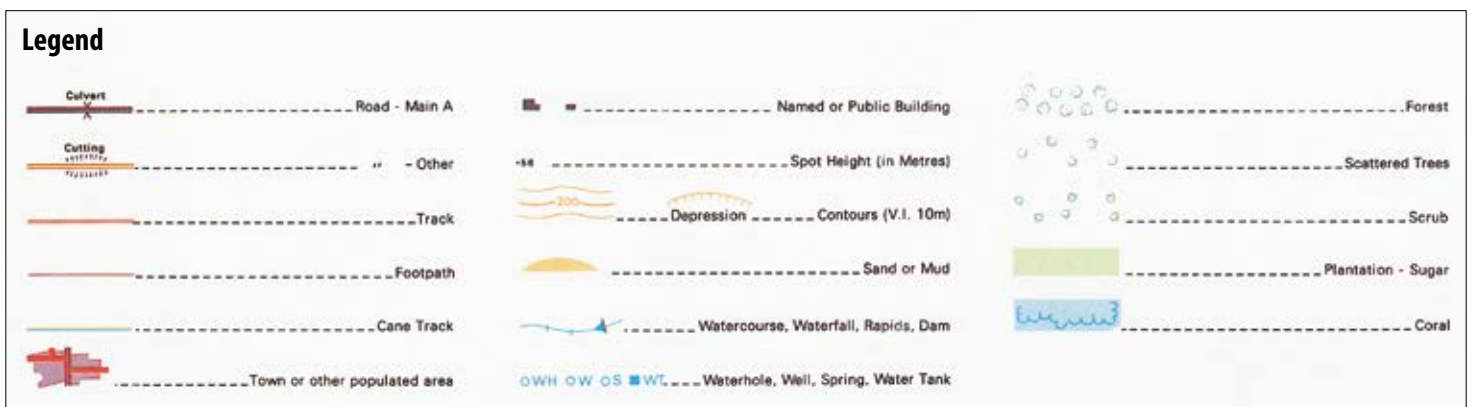
The data contained in this book is drawn from current real-world case studies.

**Students are NOT permitted to bring mobile phones and/or any other unauthorised electronic devices into the examination room.**



Figure 1a: Topographic map extract, Tamarin, Mauritius, 1980

Source: Government of the United Kingdom, Directorate of Overseas Surveys for the Government of Mauritius, 1980-1990, Sheet 7 - Tamarin; OS © Crown copyright 1980 CS-02583-G0B2Z3



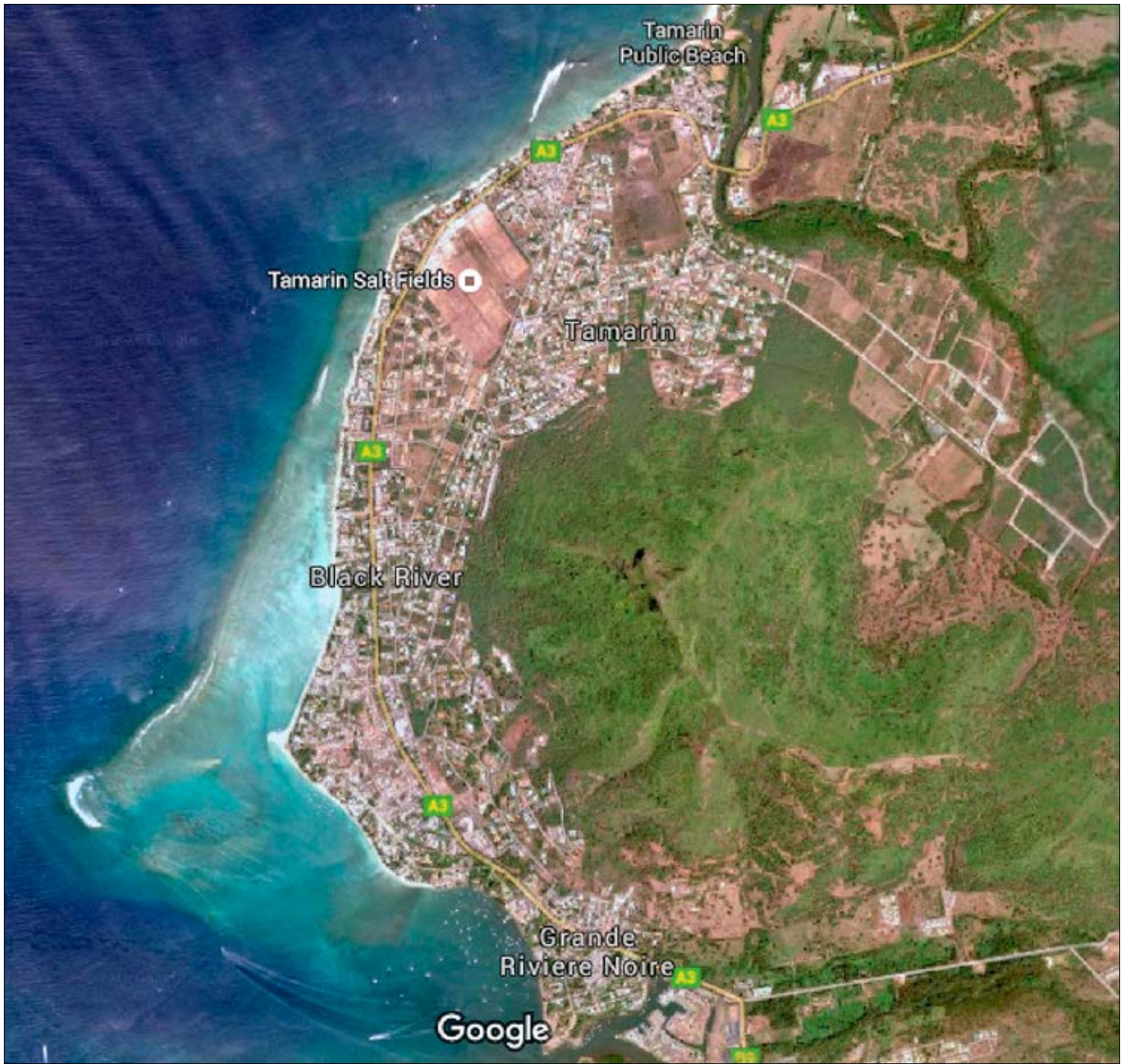


Figure 1b: Satellite image, Tamarin, Mauritius, 2016

Source: © 2016 DigitalGlobe, TerraMetrics (imagery); SIO, NOAA, US Navy, NGA, GEBCO (data); © 2016 Google (map data)

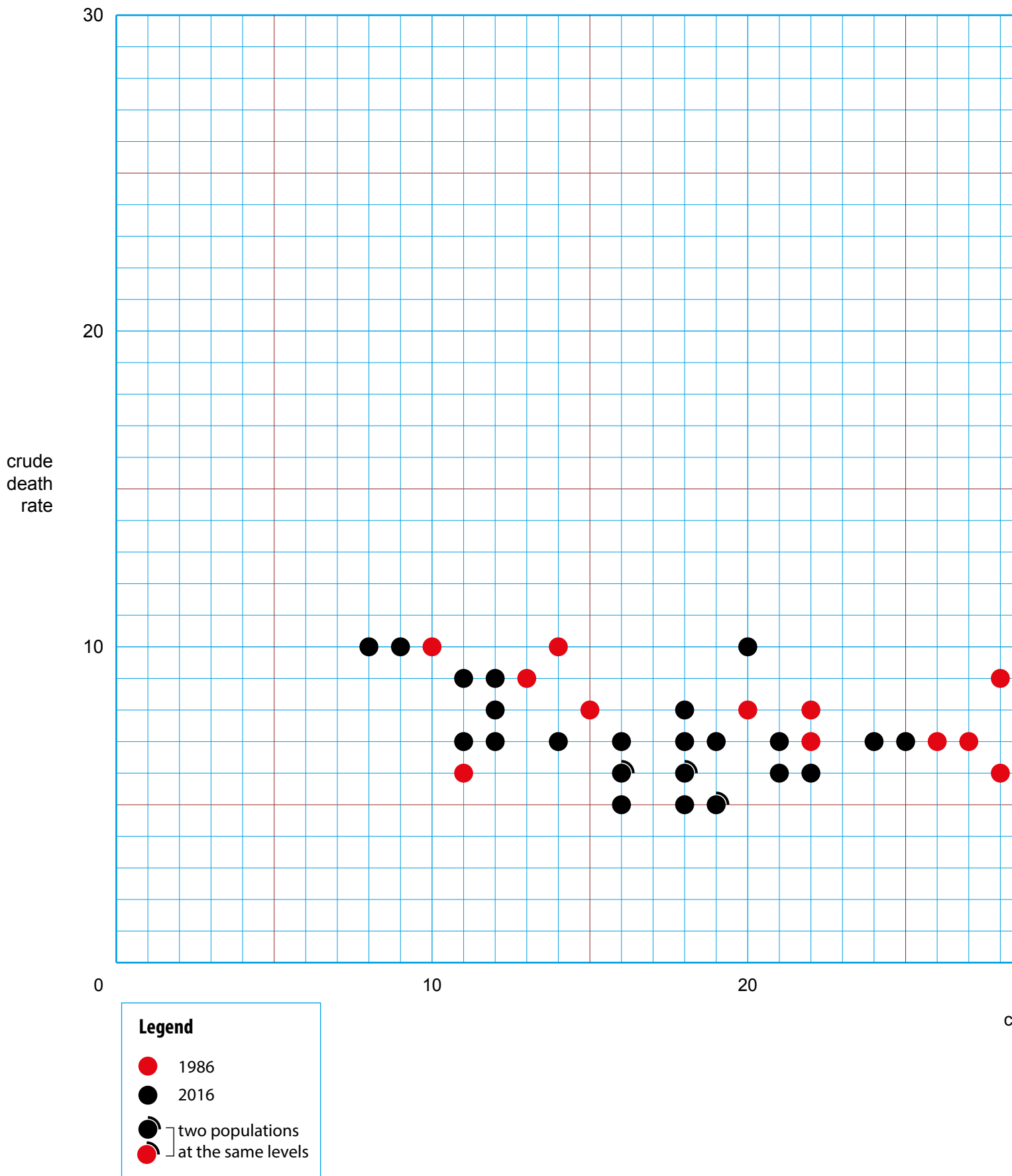
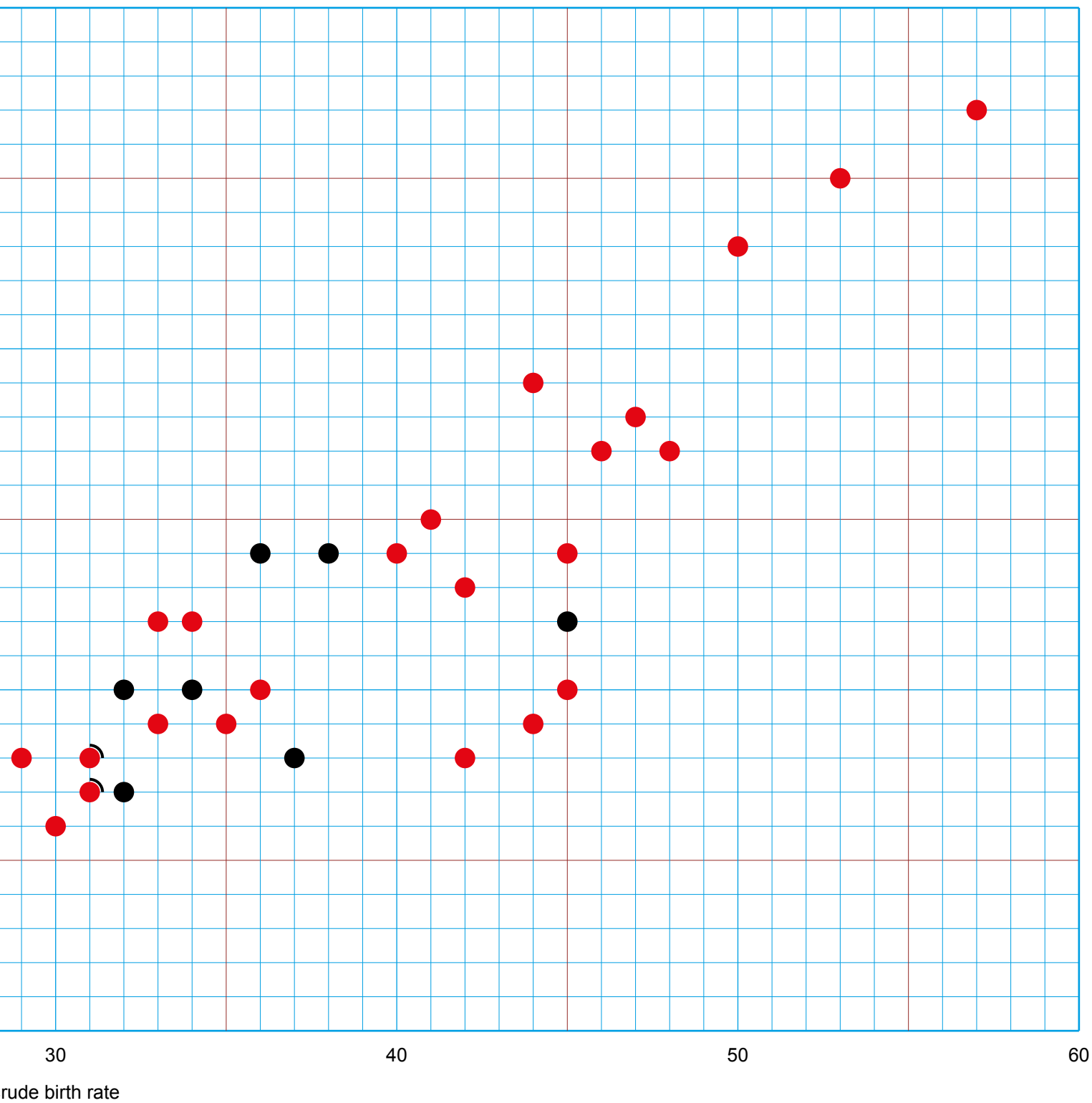


Figure 2: Crude birth rates and crude death rates for 35 selected countries





Source: US Census Bureau, International Programs, International Data Base

END OF DATA BOOK