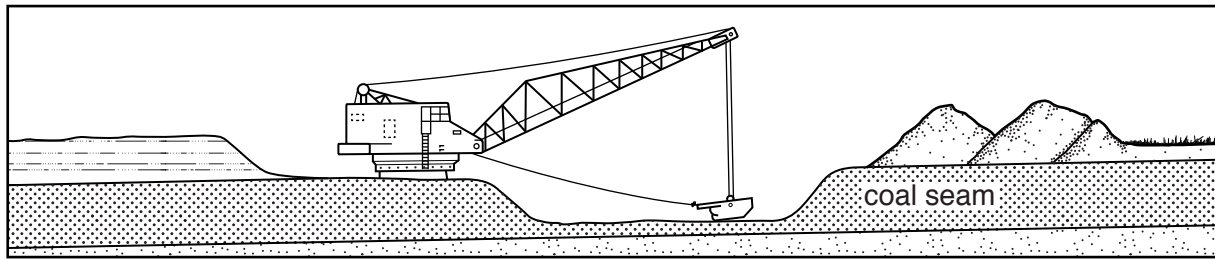
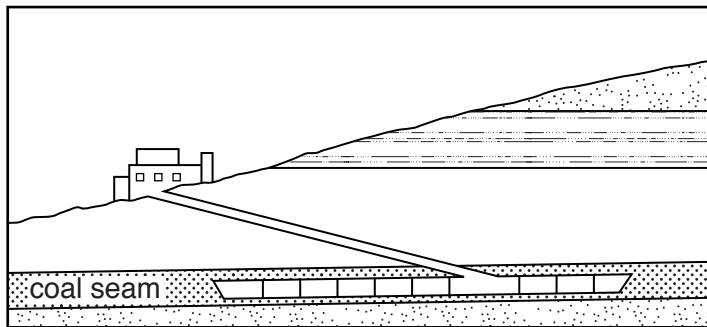


2 The diagram shows three types of coal mine labelled **P**, **Q** and **R**.

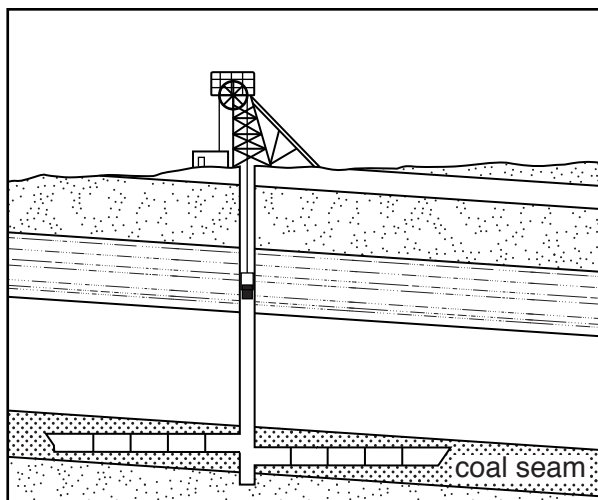
P



Q



R



(a) (i) Match the letters, **P**, **Q** and **R**, in the diagram to the types of coal mine.

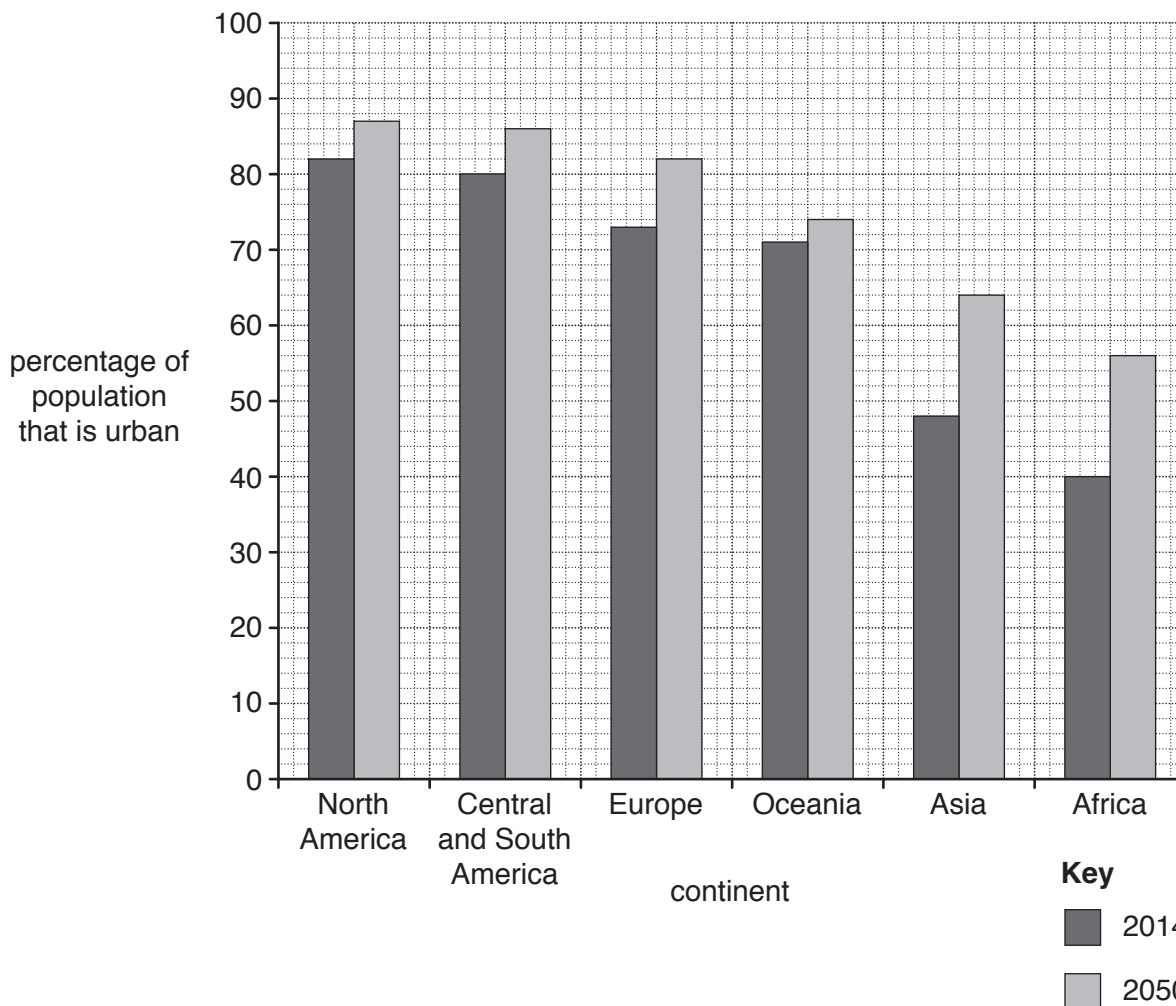
adit (drift) mine

open-pit (opencast) mine

shaft mine

[2]

3 The graph shows the percentage of population that was urban by continent in 2014 and the expected change by 2050.



(a) (i) Name the **two** continents with the highest percentage of population that was urban in 2014.

1

2 [1]

(ii) Name the **two** continents which are expected to have the highest percentage of people living in rural areas by 2050.

1

2 [1]

(iii) Name the **two** continents where the percentage of population that is urban is expected to grow the most between 2014 and 2050.

1

2 [1]

(b) (i) State the word used to describe the increasing number of people living in urban areas.

.....[1]

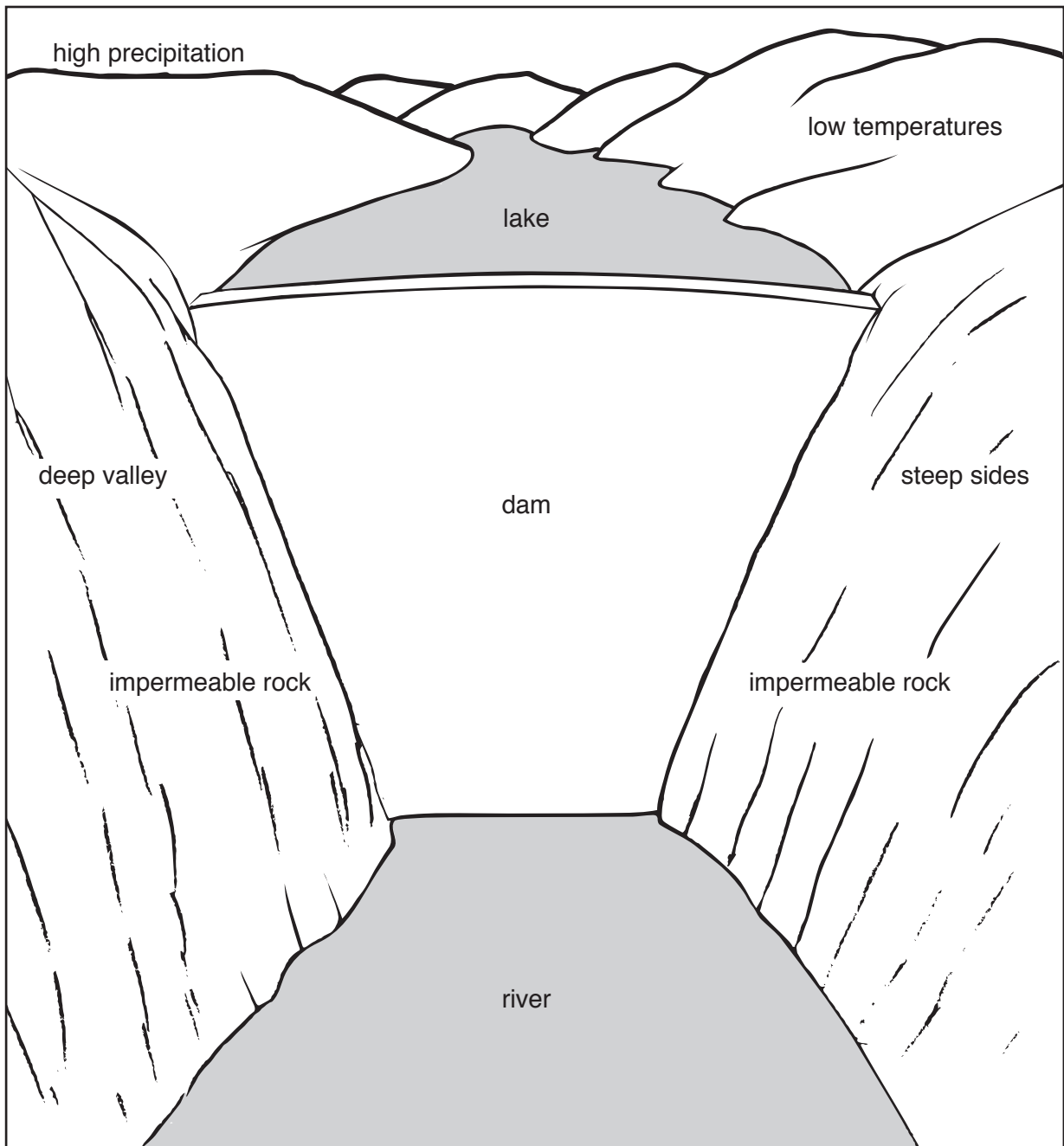
(ii) Suggest **three** reasons why people leave rural areas in developing countries.

.....
.....
.....
.....
.....
.....[3]

(iii) Describe **three** environmental problems caused by the rapid growth of cities in developing countries.

.....
.....
.....
.....
.....
.....[3]

4 The diagram shows a dam and features of its location.



(b) (i) CFCs are greenhouse gases.

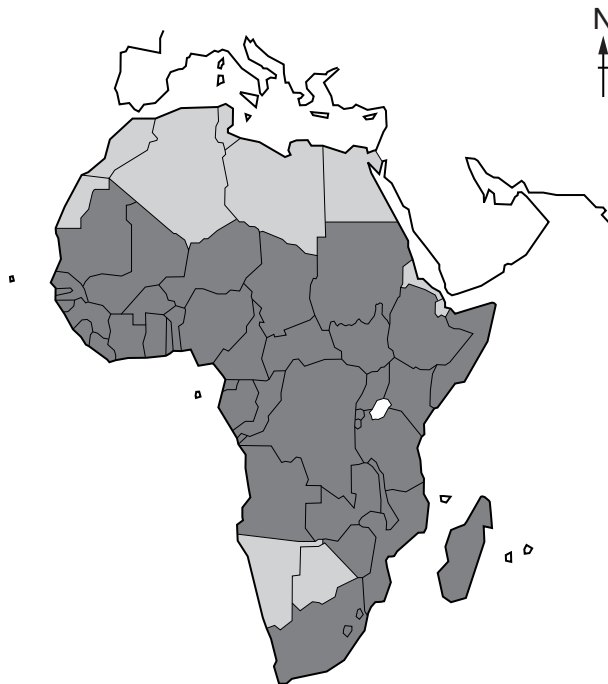
Name **two** other greenhouse gases.

.....
.....[1]



(ii) Explain how greenhouse gases cause the greenhouse effect.

.....
.....
.....
.....
.....
.....
.....[3]

6 The map shows the distribution of countries in Africa where bilharzia affects people.



Key

-  many people affected by bilharzia ($\geq 10\%$)
-  few people affected by bilharzia ($< 10\%$)

(a) Describe the distribution of countries shown on the map where bilharzia affects few people.

.....

.....

.....

..... [2]

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