

Surname						Other Names					
Centre Number						Candidate Number					
Candidate Signature											

For Examiner's Use

General Certificate of Secondary Education
June 2008

GEOGRAPHY (SPECIFICATION C)
Paper 2
Higher Tier

3033/2H

H



Thursday 12 June 2008 1.30 pm to 3.15 pm

For this paper you must have:

- the colour insert (enclosed).

You may use a calculator.

For Examiner's Use			
Question	Mark	Question	Mark
1		3	
2			
Total (Column 1) →			
Total (Column 2) →			
TOTAL			
Examiner's Initials			

Time allowed: 1 hour 45 minutes

Instructions

- Use black ink or black ball-point pen. You may use pencil for maps, diagrams and graphs.
- Fill in the boxes at the top of this page.
- Answer **all** questions.
- You must answer the questions in the spaces provided. Answers written in margins or on blank pages will not be marked.
- Use your case studies to support your answers where appropriate.
- Do **all** rough work in this book. Cross through any work you do not want to be marked.

Information

- The maximum mark for this paper is 80.
- The marks for questions are shown in brackets.
- You are reminded of the need for good English and clear presentation in your answers. All questions should be answered in continuous prose, where appropriate. Quality of Written Communication will be assessed in all answers.
- LEDC is a Less Economically Developed Country.
- MEDC is a More Economically Developed Country.



Answer **all** questions in the spaces provided.

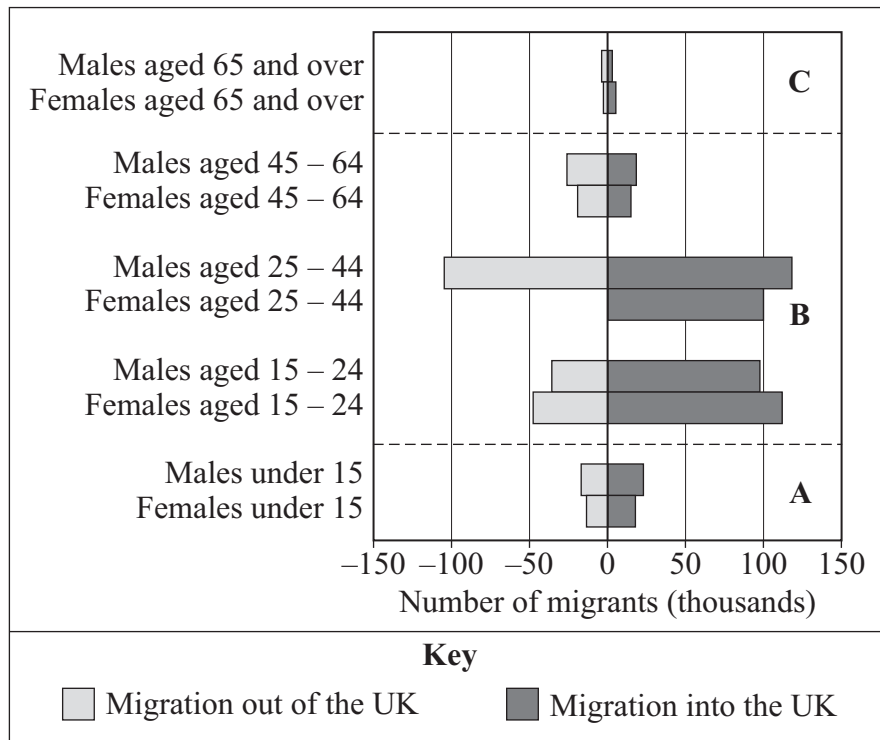
Use your case studies to support your answers where appropriate.

Total for this question: 30 marks

1 MANAGING CHANGE IN THE HUMAN ENVIRONMENT

1 (a) Study **Figure 1** which shows migration into and out of the UK in 2003.

Figure 1



1 (a) (i) Use the information below to complete **Figure 1**.

Females aged 25 to 44 years who migrated out of the UK in 2003 = 75 000. (1 mark)

1 (a) (ii) In 2003, was there more migration into or out of the UK?

..... (1 mark)

1 (a) (iii) Which part of **Figure 1**, **A**, **B** or **C**, shows migrants who are economically active?

..... (1 mark)



1 (b) Give **two** reasons for voluntary migration.

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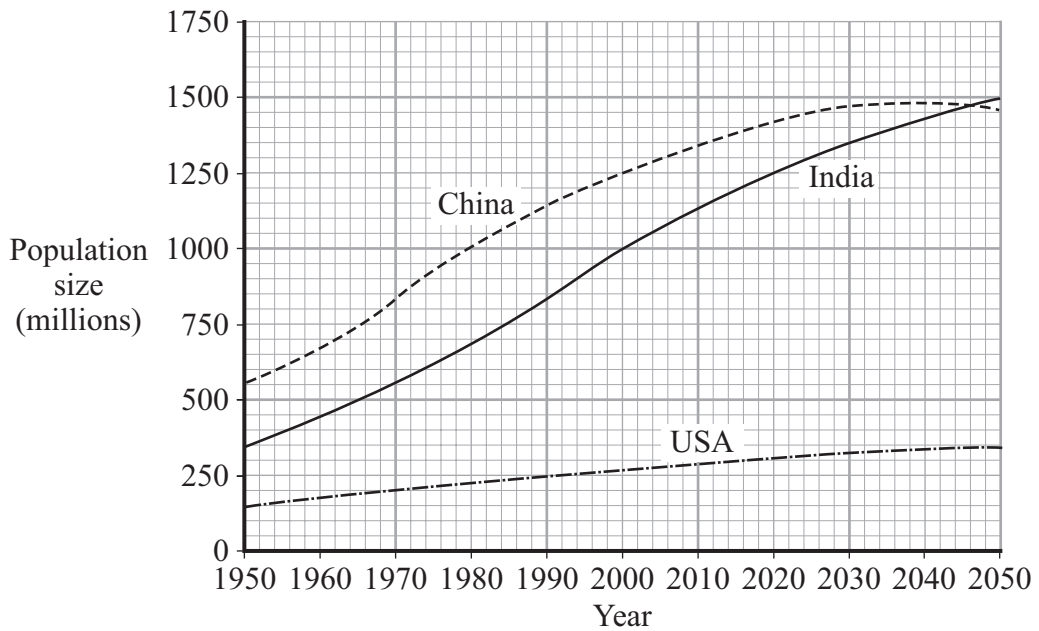
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(2 marks)

1 (c) Study **Figure 2** which shows population change in the world's three most highly populated countries.

Figure 2



1 (c) (i) What is the expected increase in the population of India between 2000 and 2050?

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(1 mark)

1 (c) (ii) Describe the differences between the population change in the USA and that in India.

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(2 marks)

Question 1 continues on the next page

Turn over ►



1 (c) (iii) China's population total is expected to fall after 2040. Suggest how a country might reduce its population growth rate.

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(4 marks)

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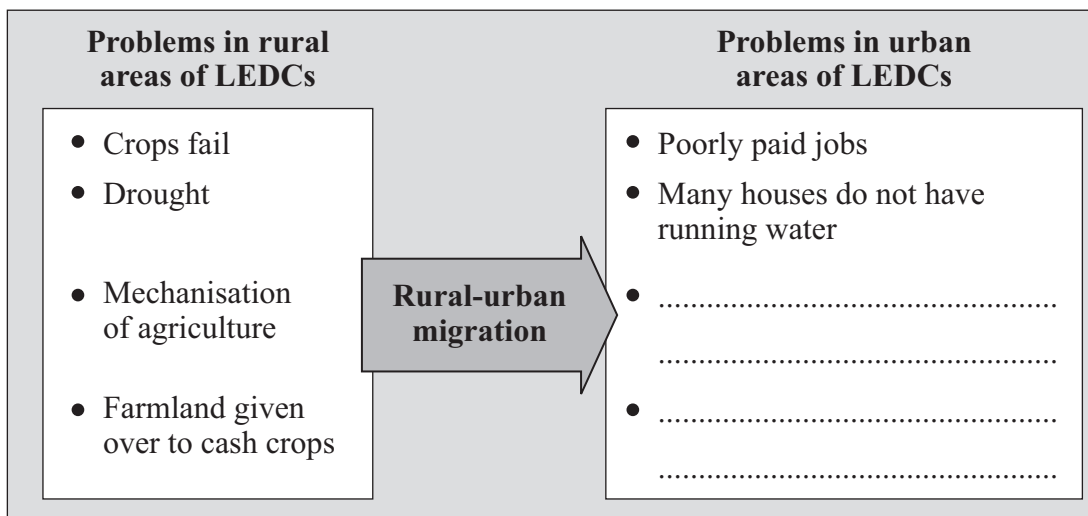
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1 (d) Study **Figure 3** which shows some problems in LEDCs.

Figure 3



1 (d) (i) Complete **Figure 3** by adding **two** further urban problems. (2 marks)



1 (e) Study **Figure 4** on the insert which shows a plan to regenerate the central area of Bradford, a city in the UK.

1 (e) (i) Which neighbourhood will contain an improvement to the public transport system?

.....
(1 mark)

1 (e) (ii) Give **one** piece of evidence that new jobs will be created in the neighbourhoods.

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(1 mark)

1 (e) (iii) Suggest how the plan may benefit businesses in the central area of Bradford.

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(2 marks)

1 (f) Suggest how the plan will improve the environment of the central area of the city.

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(6 marks)

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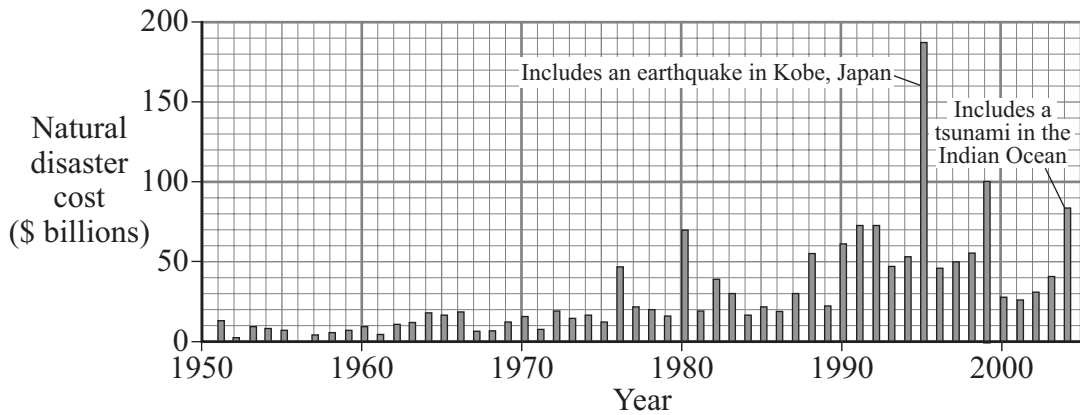
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2 (c) Study **Figure 6** which shows the cost of natural disasters between 1950 and 2004.

Figure 6



2 (c) What has happened to the cost of natural disasters since the 1950s?

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(2 marks)

Question 2 continues on the next page

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Total for this question: 30 marks

3 MANAGING ECONOMIC DEVELOPMENT

- 3 (a) Study **Figure 7** which shows indicators of economic development in three countries.

Figure 7

Country	Personal computers (per 1000 population)	Access to clean water supply (% of total population)	Infant mortality rate (per 1000 births, per year)
A	2	22	112
B	485	100	4
C	83	91	23

- 3 (a) Compare the levels of economic development of the three countries shown as **A**, **B** and **C**.

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(3 marks)



3 (c) Study **Figures 8a** and **8b** which show the imports and exports for an LEDC.

Figure 8a

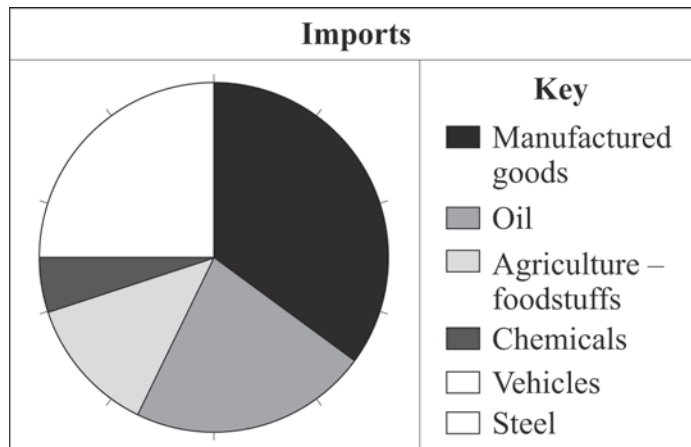
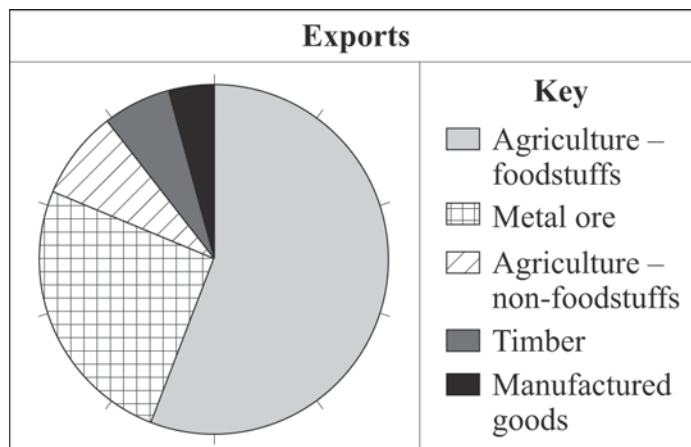


Figure 8b



3 (c) (i) Complete **Figure 8a** using the following information.
Imports: Steel = 5%. Vehicles = 20%.

(2 marks)

3 (c) (ii) What percentage of the country's exports is metal ore?

.....
(1 mark)

3 (c) (iii) Which of the country's exports is a non-renewable primary product?

.....
(1 mark)



3 (d) Some strategies that are used to ensure that natural resources will be available in the future are given below.

- Use renewable sources of energy.
- Use appropriate technology.
- Increase recycling.

Choose **one** of the strategies. Suggest how it helps to manage the use of natural resources.

Chosen strategy

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(3 marks)

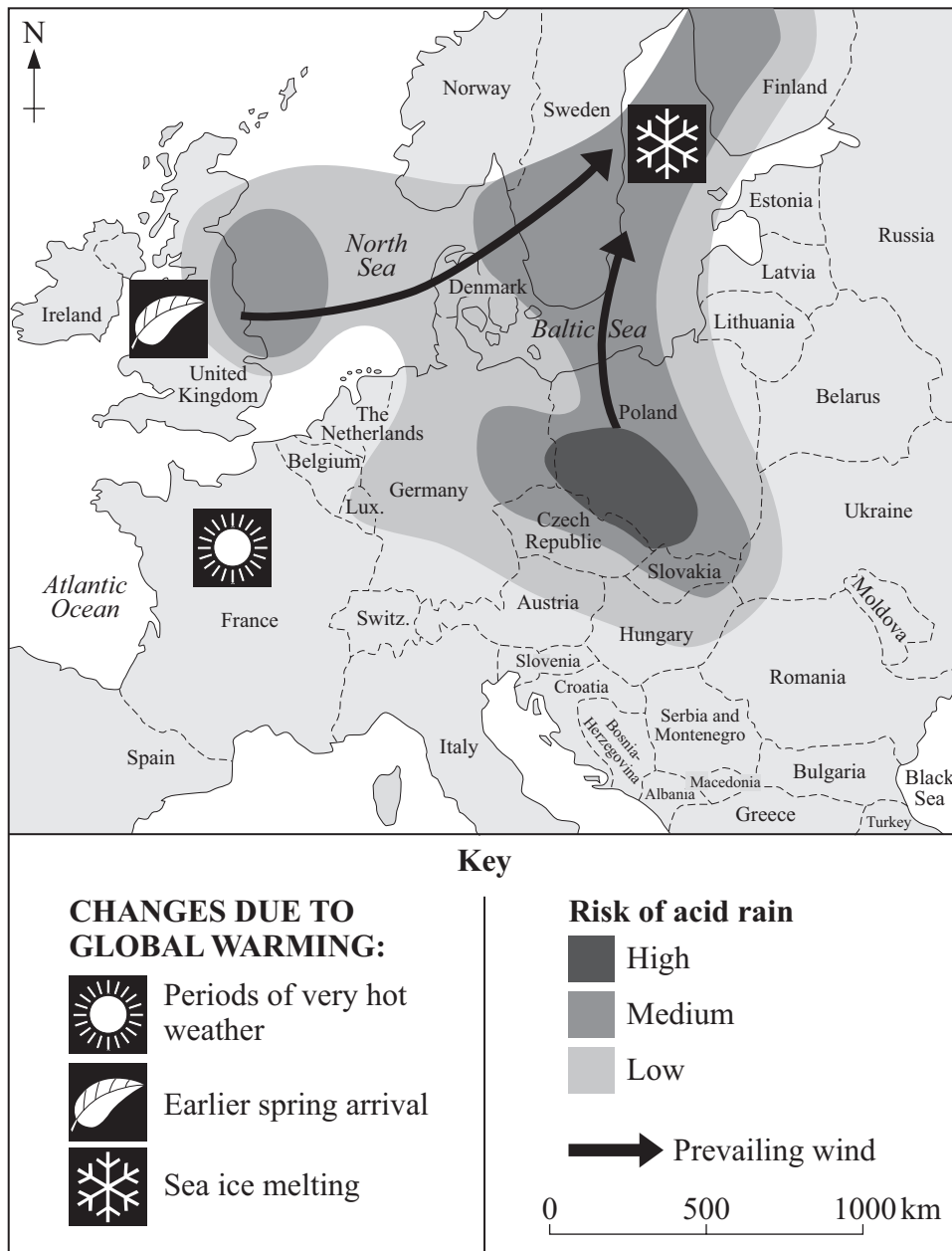
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3 (e) Study **Figure 9** which shows some information about global warming and acid rain in Europe.

Figure 9



3 (e) (i) What is the link between the prevailing wind and the pattern of the risk of acid rain?

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(2 marks)



3 (e) (ii) Describe the possible effects of the changes due to global warming shown on Figure 9.

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3 (f) Explain why **either** acid rain **or** global warming occurs. You may use a diagram.

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END OF QUESTIONS



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- Question 1 Figure 2: Population Growth in the Three Most Populous Countries 1950 – 2050, United Nations Population Division, *World Population Prospects: The 1998 Revision*, Copyright © 1999, [Accessed 9.11.06].
- Question 2 Figure 6: HOLLI REIBECK, *The Rising Cost of Natural Hazards*, www.earthobservatory.nasa.gov, 2005.
- Question 3 Figure 9: Max Planck Institute for Chemistry, Mainz.

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General Certificate of Secondary Education
June 2008

GEOGRAPHY (SPECIFICATION C)
Paper 2
Foundation and Higher Tiers

3033/2F
3033/2H



Insert

For use in **Questions 1 and 2**

Foundation Tier – Figure 5 Higher Tier – Figure 4

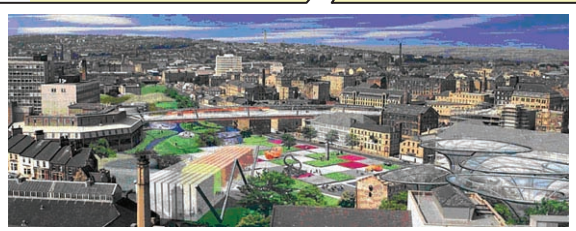
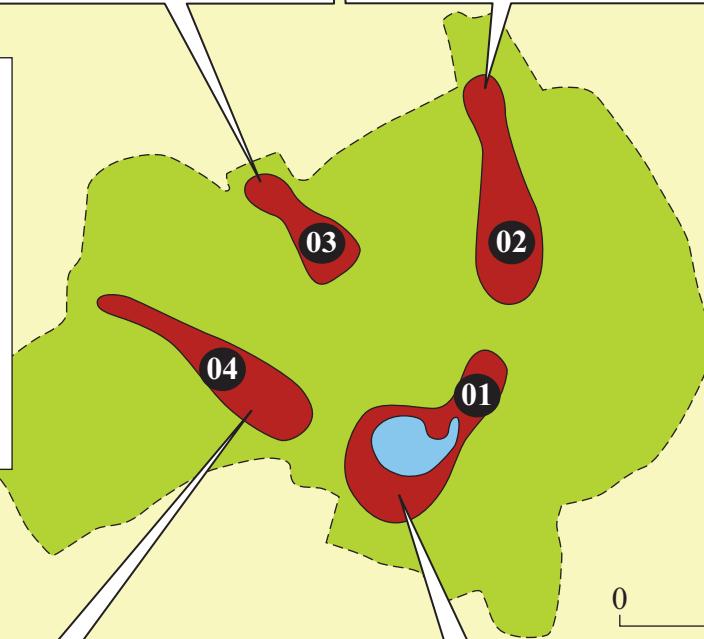
Bradford Masterplan: ‘Birth of a New City’

These are exciting times for Bradford. The changes that are taking place within the city, and those that are planned for the future, are nothing short of revolutionary.

Chairman, Bradford Centre Regeneration



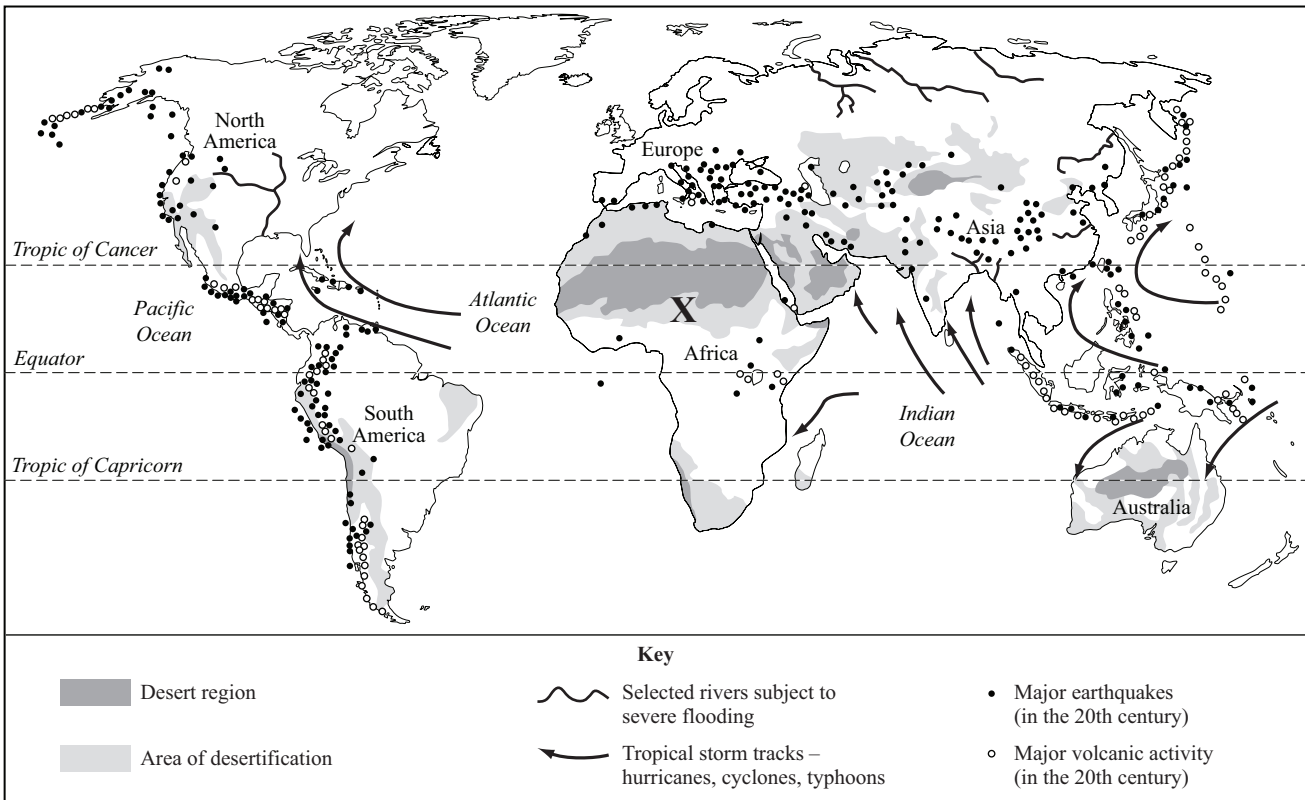
- Key**
 ---- Central area of Bradford
- Neighbourhoods:
- 01 The Bowl
 - 02 The Channel
 - 03 The Market
 - 04 The Valley



The vision of Bradford in 2020 is based on a ‘park in the city’ concept that will offer open green spaces, leisure space, reintroduce water into the city centre and highlight many of the city’s historical buildings. New commercial and residential opportunities will be created.

The Bowl	The Channel	The Market	The Valley
A fountain and pool, a boardwalk for the summer and an ice rink in the winter. A library for the 21st century, business units, workspaces and larger office buildings in a densely wooded and landscaped area. The bus and rail stations upgraded, new shop space created.	A new canal-side community with 360 family homes, local health centre, nursery school/crèche and local recycling centre, sports park, new multi-storey car parks, drive-in cinema and conference centre. New and high quality shopping space.	Gardens and 200 new family homes, with sheltered housing provision and care homes. A National Textiles Museum. Refurbishment of mill buildings into apartments. New bars and restaurants.	Bradford Beck will once again flow over the surface creating pools and a wetland. An environmental studies centre for the local community and schools comprising of galleries, classrooms, a meeting space and gardens. A new community of 200 family homes and a dozen work units.

Foundation Tier – Figure 6 Higher Tier – Figure 5



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Figure 6 Tier F/Figure 5 Tier H: J. L. Allen, *Student Atlas of Environmental Issues*, copyright © 1997. The McGraw-Hill Companies. Reprinted by permission of McGraw-Hill Contemporary Learning Series.

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