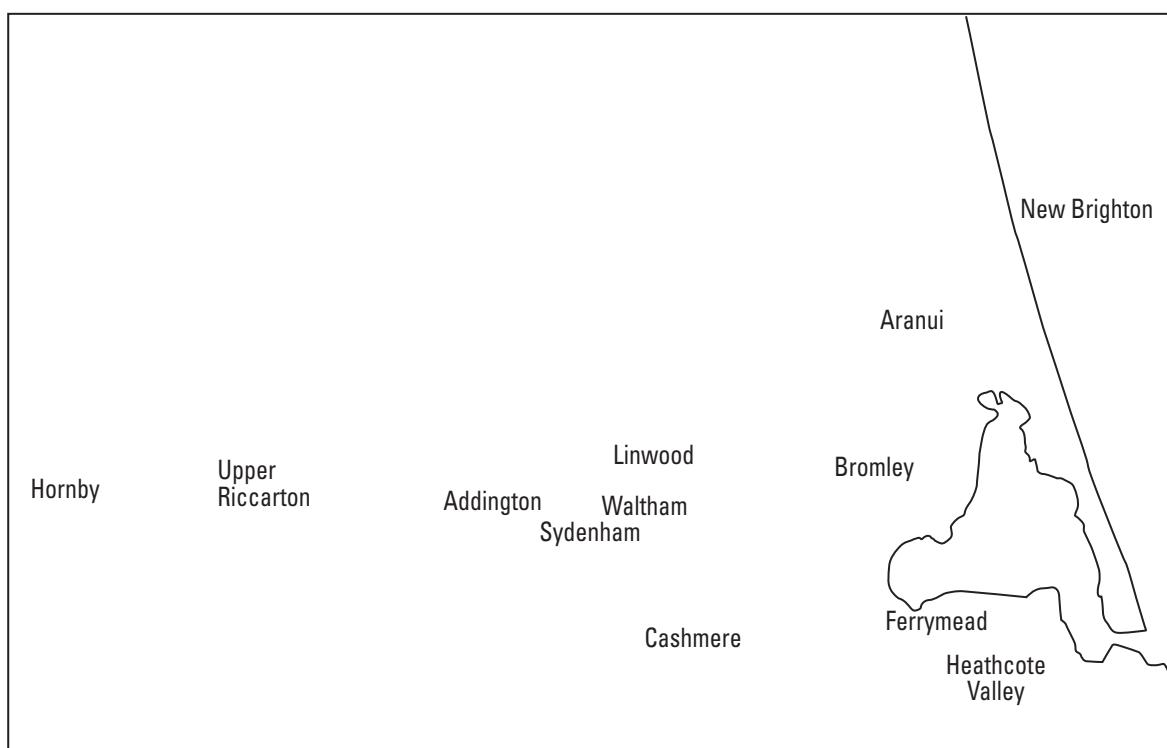


**Section II (continued)****Marks****Question 17 (9 marks)**

- (a) Refer to Source C.

Draw a simplified choropleth map to show the distribution of deprivation in Christchurch. 3

**KEY**

Most deprived



Mixed



Least deprived

**Question 17 continues on page 14**

Marks

### Question 17 (continued)

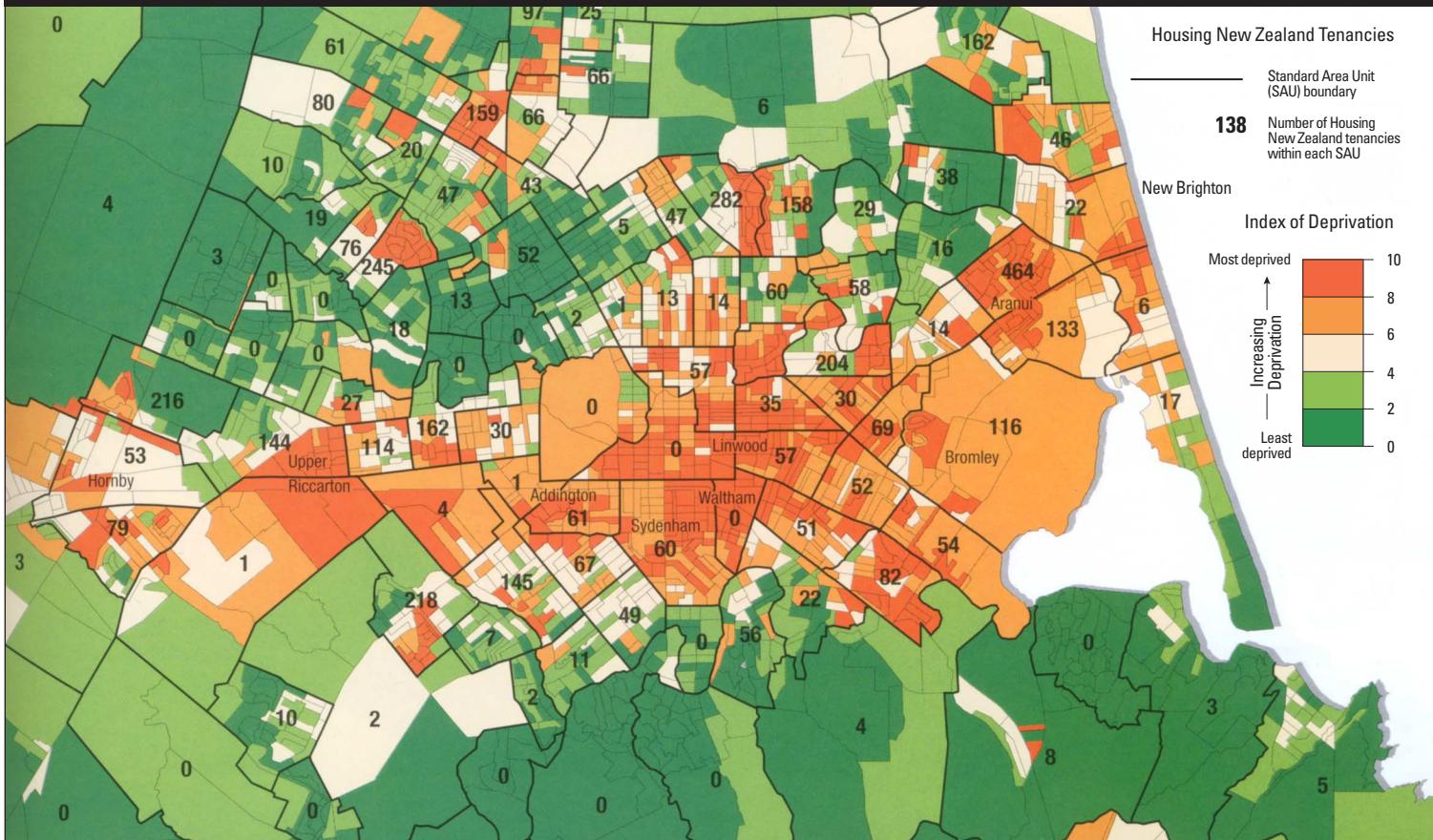
- (b) Refer to Sources C, D, F, H and I.

From these sources, name TWO locations within Christchurch that demonstrate different urban dynamics, and account for these differences.

6

End of Question 17

### Source C — Index of Deprivation, Christchurch City by Meshblock 1996 Census



### Source D — Deprivation

The Christchurch Urban Area demonstrates a clear geographical spread based on the Index of Deprivation (IOD).

Deprivation is the state of being worse off than the society in which one lives. The IOD is based on:

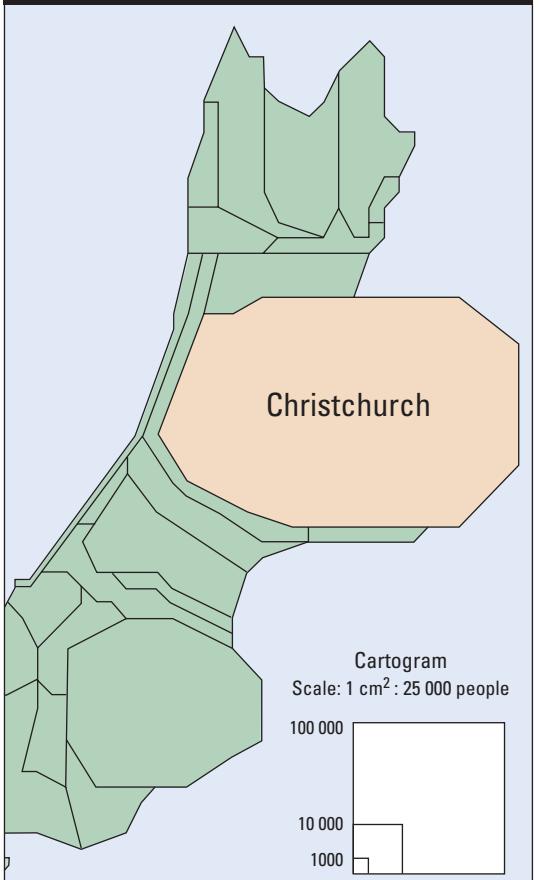
- access to telephone
- income from government benefits
- unemployment
- income level
- access to a motor vehicle
- single parent families
- low qualifications
- level of house ownership
- living space

Page 2

### Source F — Topographic Map – Christchurch



### Source E — Cartogram



### KEY for Source F

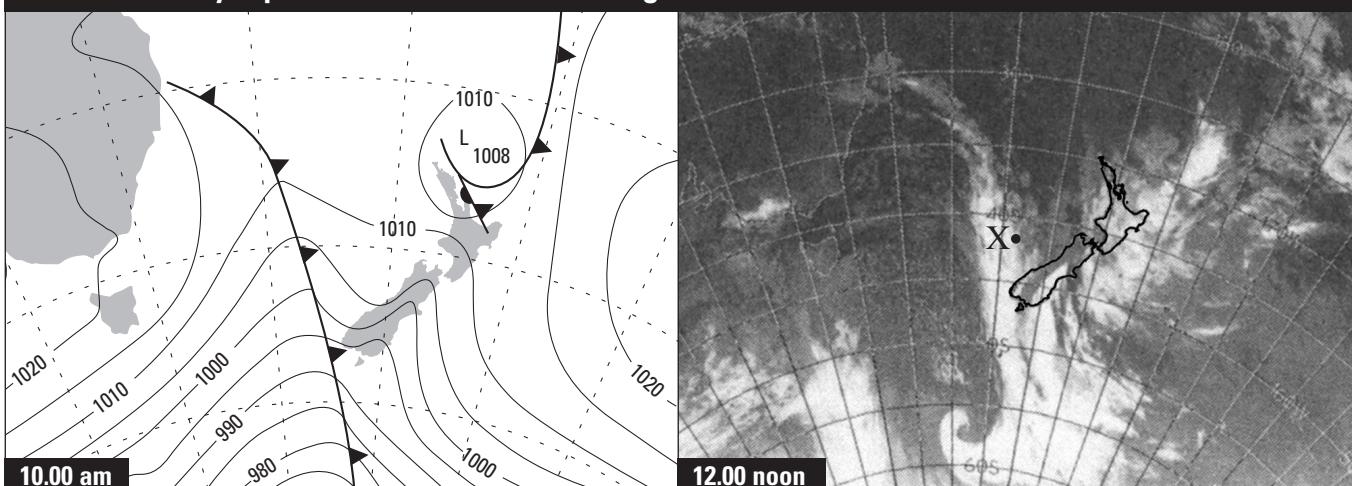
National State Highway	
Provincial State Highway	
Roads: sealed	
unsealed	
Foot track	
Walkways	
Forested areas:	
Plantation / Bush	
Swamp	
Mud flat	
Sandy beach	
Lighthouse, Beacon	
Hotel (accommodation)	
Camping ground	
Picnic area	
Maori Pa site	
Lookout point	
Railway line, station	

Scale 1 : 100 000

Contour interval 50 m

Page 3

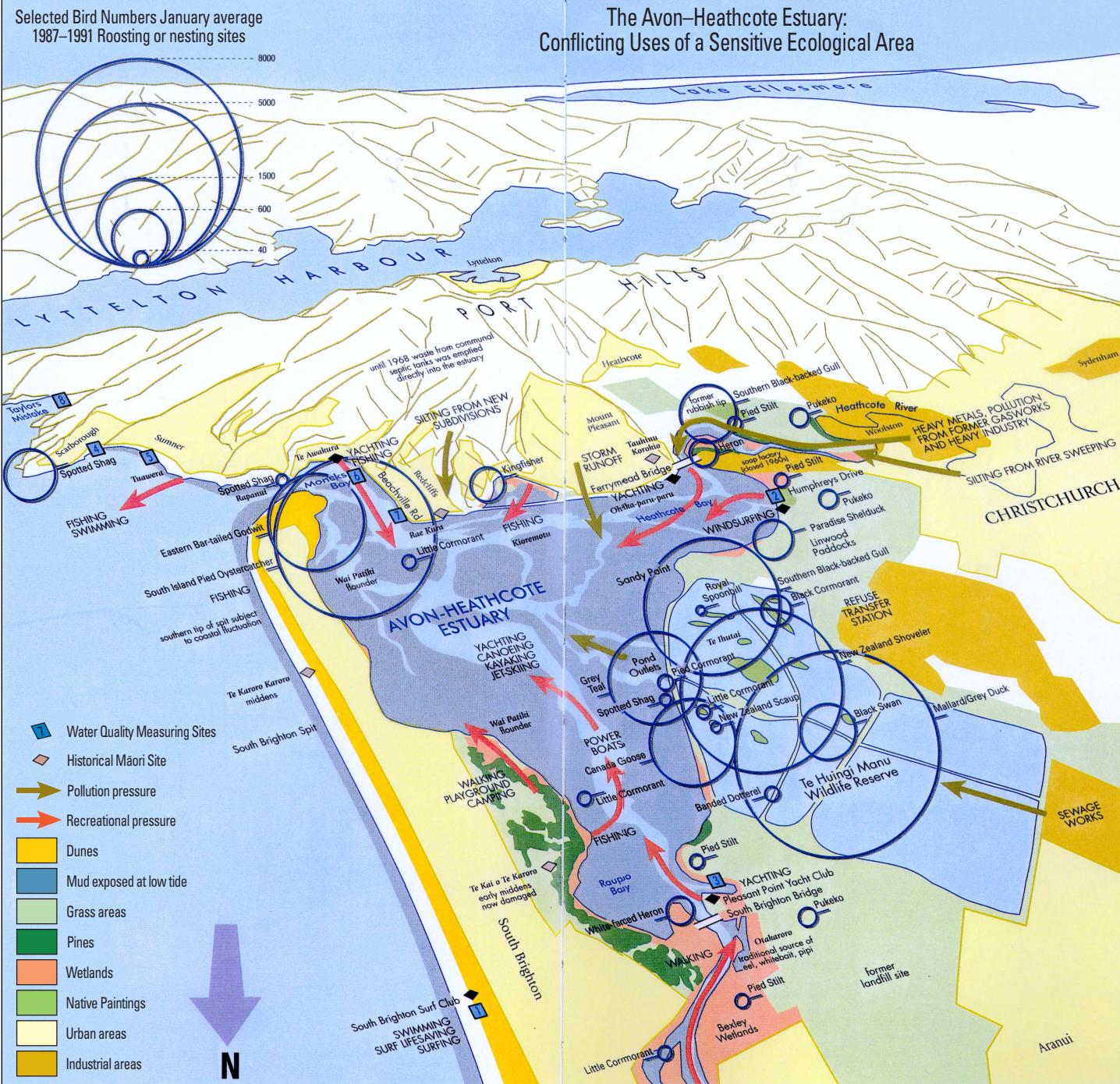
### Source G — Synoptic Chart and Satellite Image for 2 December 2000



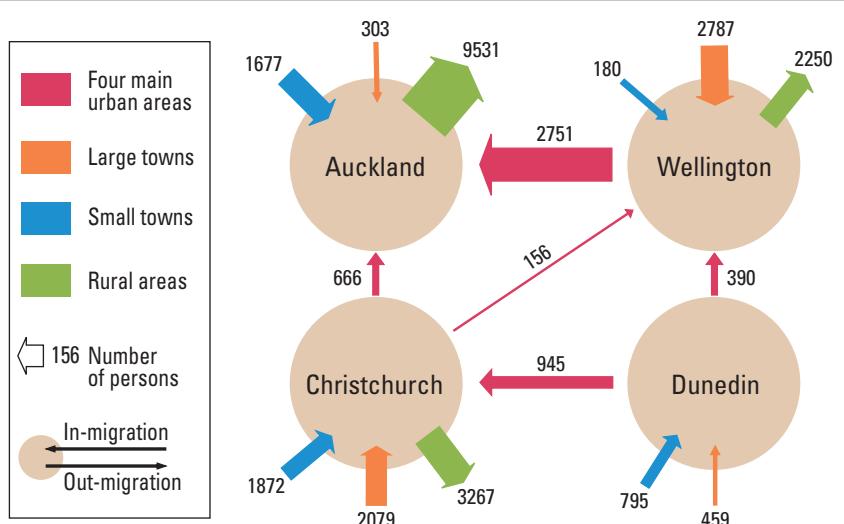
### Source H — Lyttelton Harbour



## Source I — Resource Management of the Avon-Heathcote Estuary, 2000



## Source J — Net Internal Migration: Four Main Urban Areas 1991–96



## Source K — Sediment Core

