This map of Adelaide has a scale of 1 cm : 250 m.
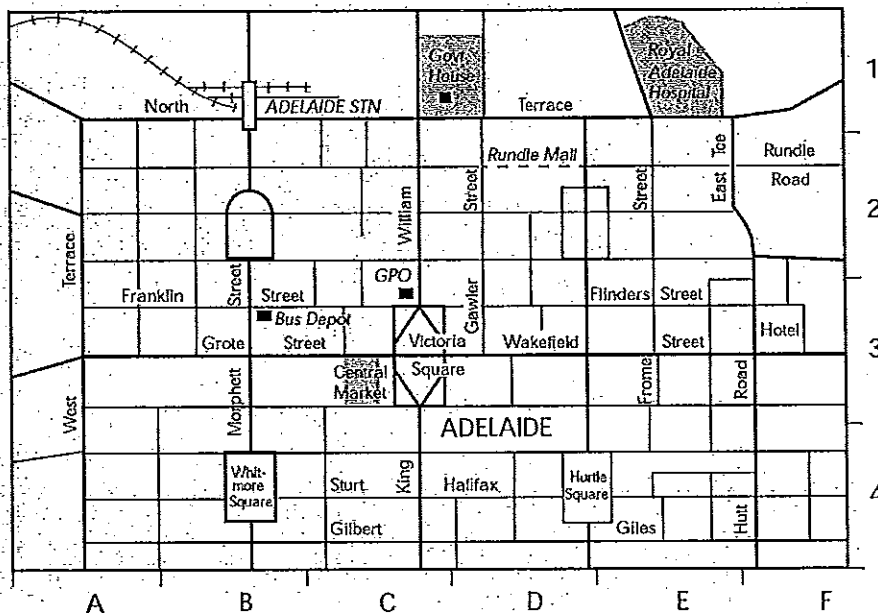
1 Calculate the length of:

a Grote St (B3)

b Gawler St (D2)

c Rundle Mall (D2)

2 What are the dimensions of Victoria Square (C3)?

3 Find the shortest distance between:

a The Bus Depot (B3) and the GPO (C3)

b Government House (C1) and Victoria Square (C3)

c Adelaide Station (B1) and Central Market (C3)

4 a Jean comes to Adelaide to visit her sick friend Glenda in hospital. She arrives at the
Bus Depot and walks to Royal Adelaide Hospital via Franklin St, Flinders St and Frome St.
How far does she walk?

b After visiting Glenda she walks to her hotel on the corner of Wakefield St and East Terrace.
How far is this?

c Later in the day Jean walks to the Central Market from her hotel to purchase some food and
flowers. She returns to her hotel to drop off the food and then takes the flowers to Glenda in
hospital. After visiting Glenda, she walks down to look at Government House and then
returns to her hotel. How far did she walk?

d If Glenda's average walking speed is 4 km/h, how long has she spent walking on this day?