



NANYANG JUNIOR COLLEGE

Year 2 Preliminary Examination

H2 GEOGRAPHY

9173/02

Paper 2

23 Sept 2025

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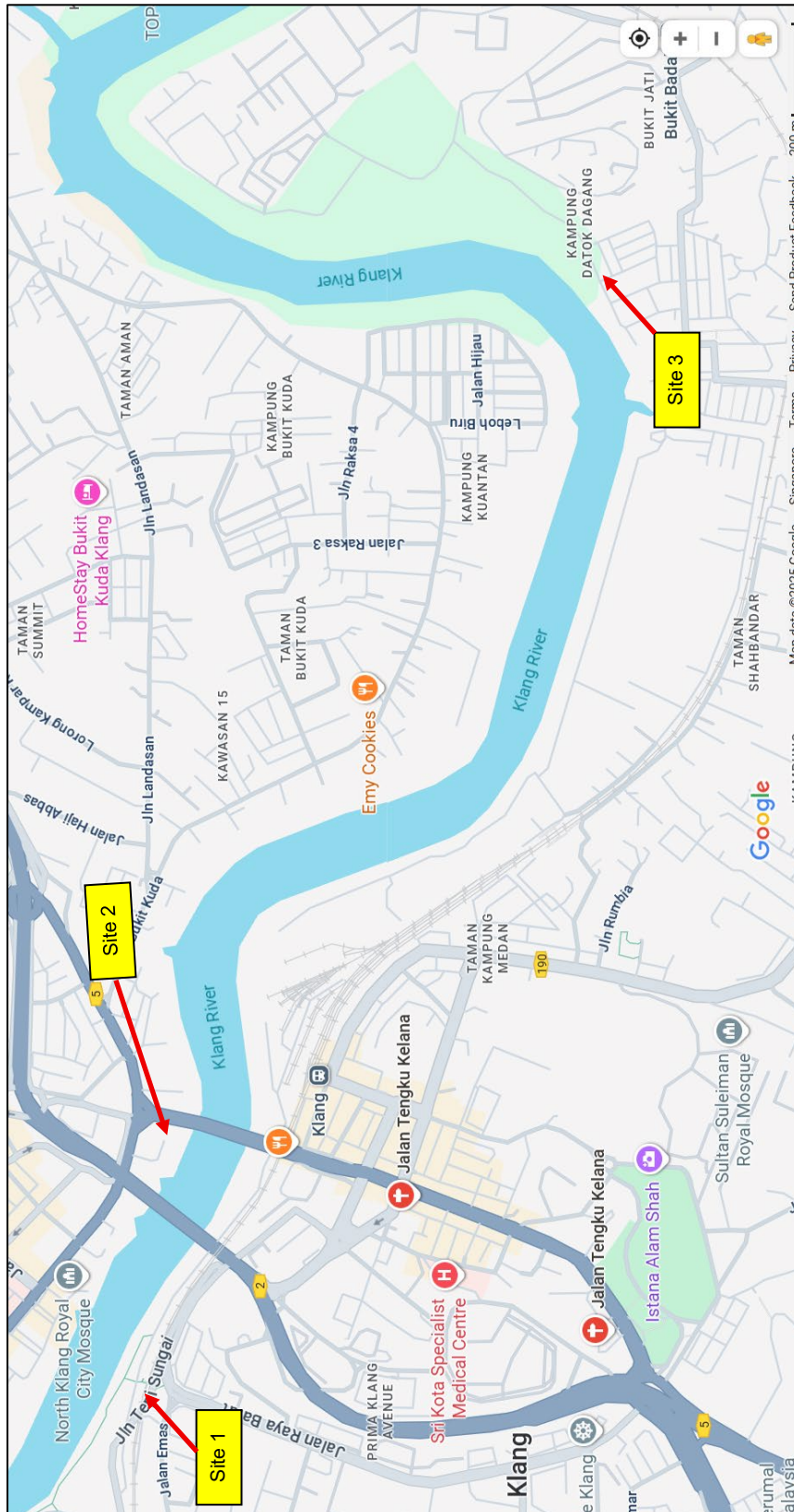
3 hours

READ THESE INSTRUCTIONS FIRST

This Insert contains all the Resources referred to in the questions.

Resource 1 for Question 1

Area around the Klang River where the students conducted their investigation



Resource 2A for Question 1

Jalan Tepi Sungei – Land use zoning next to the Klang River (Site 1)



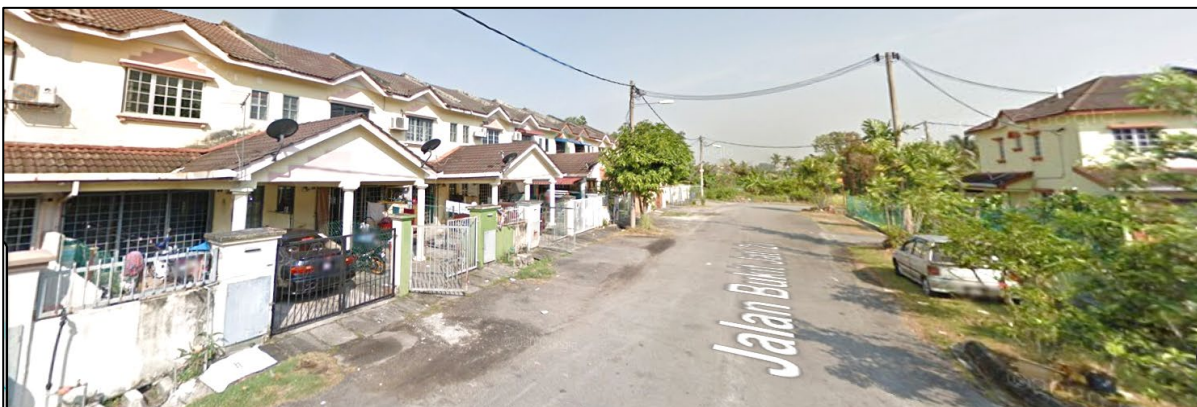
Resource 2B for Question 1

Jalan Tengku Kelana - Banks of the Klang River with green spaces and a walkway featuring retaining walls (Site 2)



Resource 2C for Question 1

Kampung Datuk Dagang – one of the lanes within that residential estate lined with landed houses (Site 3)



Resource 3 for Question 1

Questionnaire used by the students to gather perceptions of flood risk at all three sites

Site surveyed: ☐ Jalan Tepi Sungei ☐ Jalan Tengku Kelana ☐ Kampung Datuk Dagang

1. How serious do you think flood risk is in your area?

☐ Low ☐ Moderate ☐ High

2. In the past 5 years, have you or your household experienced flooding in this area?

☐ Yes ☐ No

3. If yes, what impacts did the flooding have on your household? (Choose all that apply)

☐ Property damage

☐ Loss of income/work disruption

☐ Health/safety concerns

☐ Temporary displacement

☐ Other: _____

4. What flood mitigation measures are you aware of in your area? (Choose all that apply)

☐ River embankments / levees

☐ Flood retention ponds / detention basins

☐ Drainage system upgrades

☐ Community flood warning system

☐ None

☐ Others: _____

5. How effective do you think these flood protection measures are?

☐ Very effective

☐ Somewhat effective

☐ Not effective

☐ Don't know

6. In your opinion, what additional measures should be taken to reduce flood risk in this area?

I think _____

Thank you for your time!

Resource 4 for Question 1

Table summarising the survey results collected from across the three sites

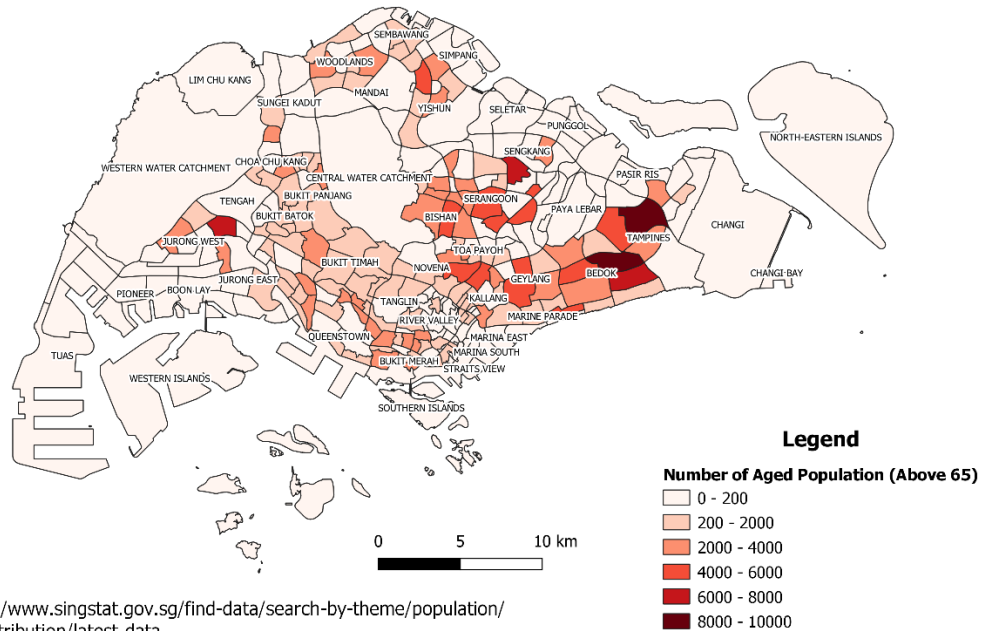
Site	Q1:	Q2:	Q3:	Q4:	Q5:	Q6:
Site 1 – Jalan Tepi Sungei	• 5 Moderate • 3 High	• 2 Y • 6 N	• 2 Property damage • 1 Loss of income	• 6 Embankments • 4 Drainage upgrades • 2 Warning system	• 3 Very effective • 5 Somewhat effective	More zoning enforcement, wider drains, stricter building control
Site 2 – Jalan Tengku Kelana	• 3 Low • 3 Moderate • 2 High	• 3 Y • 5 N	• 2 Property damage • 1 Safety concerns	• 6 Retaining walls • 5 Green buffer • 3 Drainage upgrades •	• 4 Very effective • 3 Somewhat effective • 1 Not effective	Extend green buffers, maintain walls, improve early warning systems
Site 3 – Kampu ng Datuk Dagang	• 1 Moderate • 7 High	• 8 Y	• 7 Property damage • 6 Loss of income • 4 Health/safety • 5 Displacement	• 2 Drainage upgrades • 1 Warning system • 5 None	• 6 Not effective • 2 Don't know	Build levees, install pumps, government relocation support, better drainage

Resource 5 for Question 2

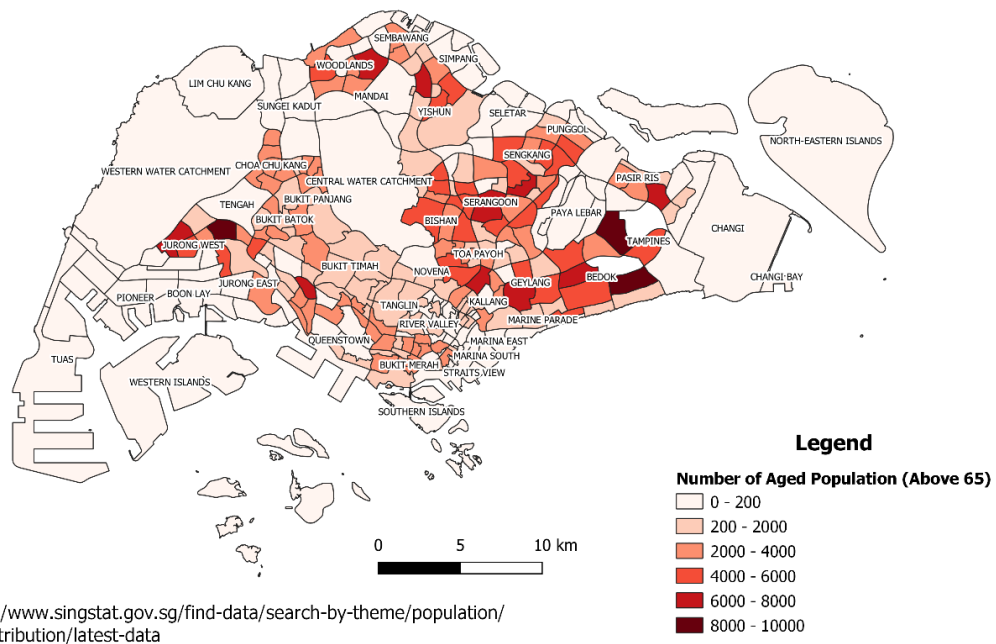
Spatial distribution of Singapore's aged population (above 65) in 2010 and 2018



Aged Population Above 65 in 2010 (Singapore)

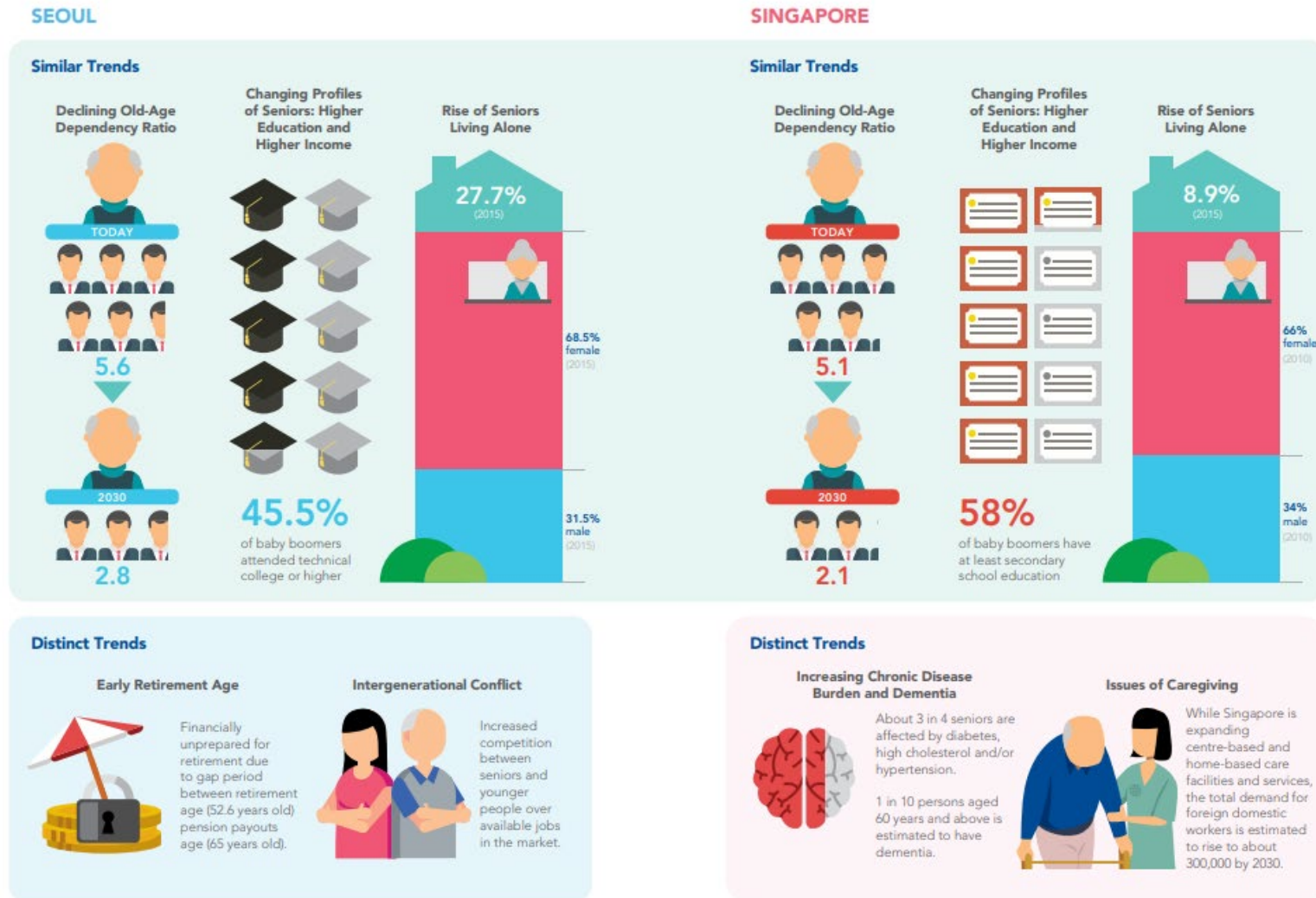


Aged Population Above 65 in 2018 (Singapore)



Resource 6 for Question 2

Infographic on ageing in Seoul and Singapore



Resource 7 for Question 2

Photograph showing the facilities in Shinnae Medical Housing in Seoul.



Residents getting their health check-ups.



Community Zone.



Equipment is provided for residents to monitor their own health.



Each resident is assigned a lot at the rooftop Sky Garden.

<https://isomer-user-content.by.gov.sg/50/0bffe052-0794-475a-a23f-22d2b6ba41f3/book-age-friendly-cities.pdf>

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