



**HWA CHONG INSTITUTION**  
**JC2 Preliminary Examination**  
**Higher 1**

**CANDIDATE NAME**

**CT GROUP**

**CENTRE NUMBER**

**INDEX NUMBER**

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**GEOGRAPHY**

**8813/01**

Paper 1

**4 September 2017**

**INSERT**

**3 hours**

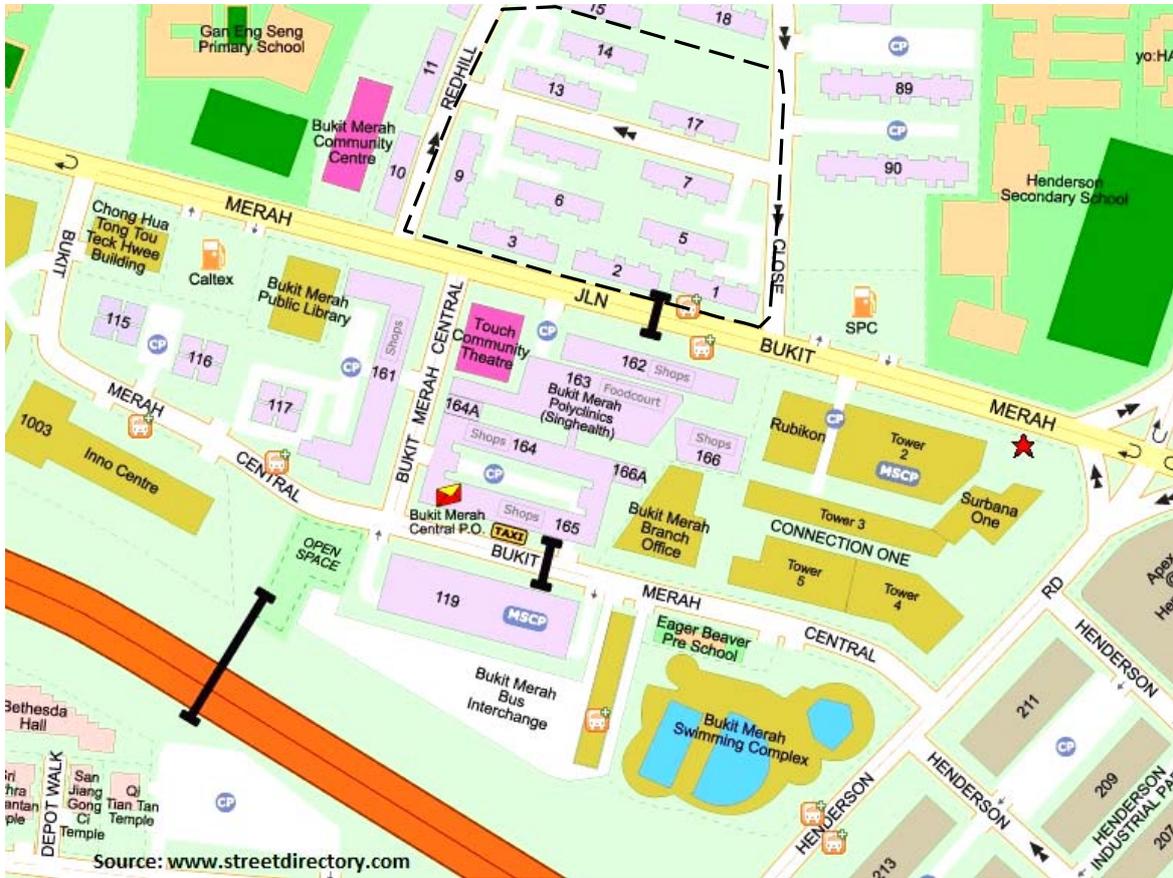
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**READ THESE INSTRUCTIONS FIRST**

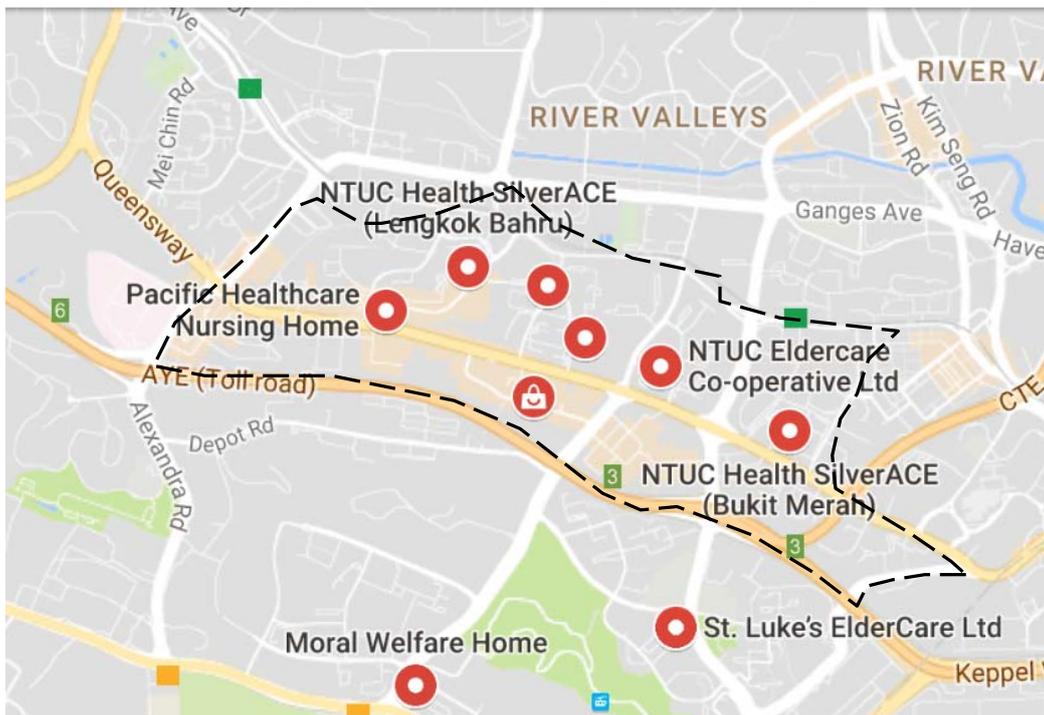
This insert contains all the Resources referred to in the questions.

Resource 1 for Question 1

(a) Map of a part of Bukit Merah Estate and area of investigation (dashed outline)



(b) Map of Bukit Merah (dashed outline)



## Resource 2 for Question 1

## The Silver Zone traffic management programme to address road safety for the elderly

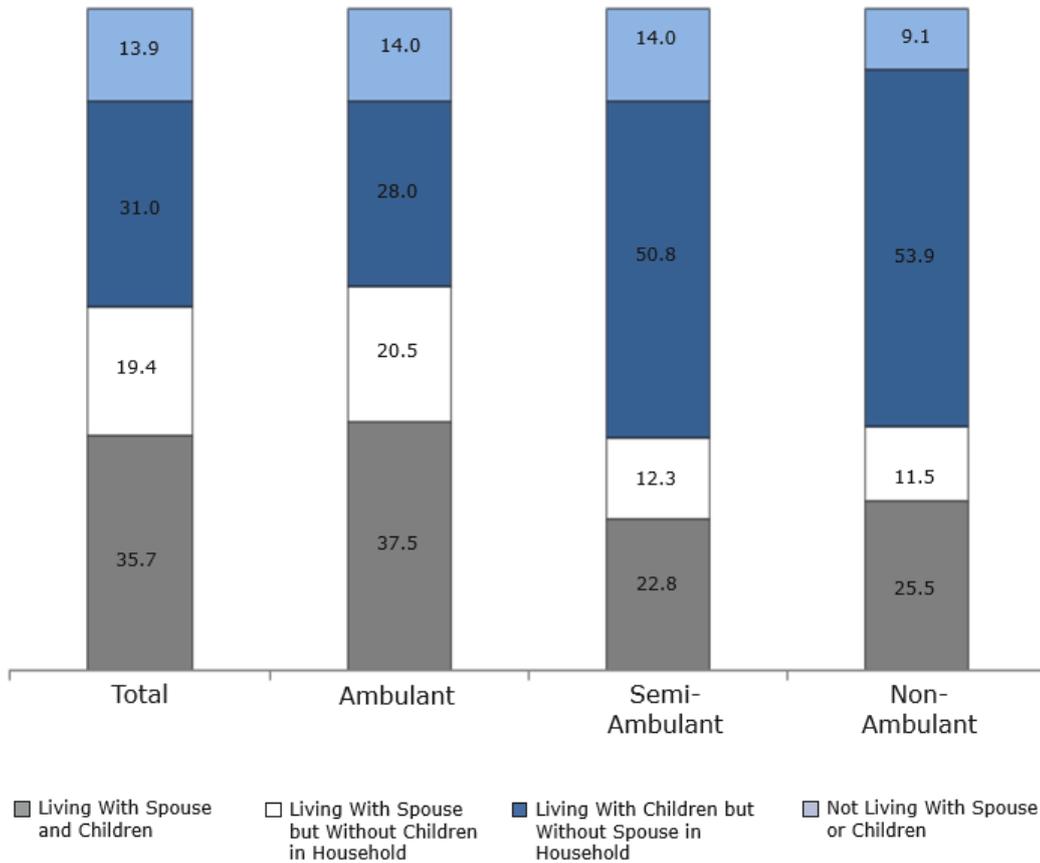


Bukit Merah View, one of the five estates announced to have the Silver Zone implemented. The zones are marked with road signs and rumble strips at the entrance. Motorists will also find large painted markings indicating the 40km/h speed limit within the zone.

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**Resource 3 for Question 1**  
**Mobility status and living arrangement of resident population aged 65 years and over**  
**in Bukit Merah**

Per Cent



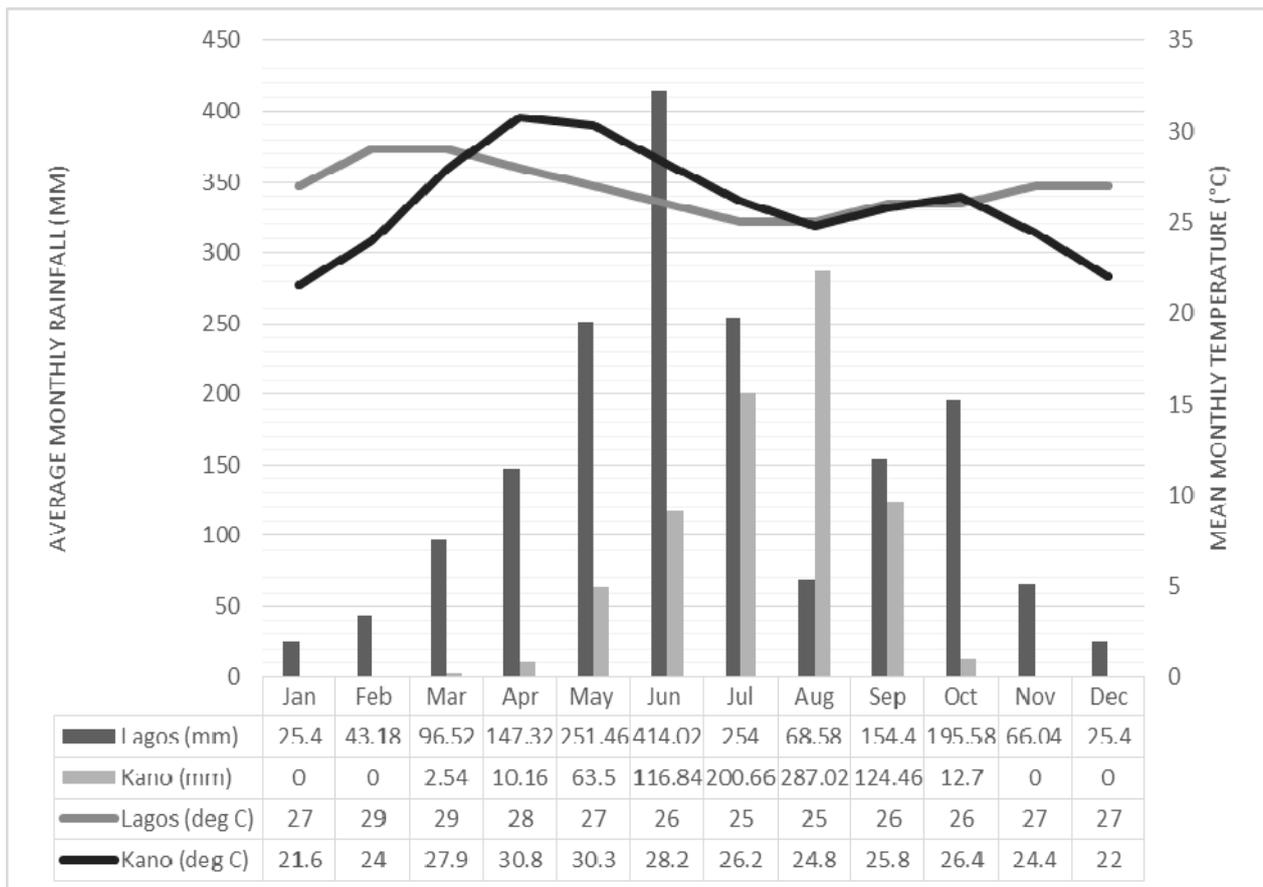
\***Ambulant** : able to walk about; not confined to bed

[Turn over

**Resource 4 for Question 2**  
**Location of Kano (12°N) and Lagos (6.5°N) in Nigeria**



**Resource 5 for Question 2**  
**Average Monthly Rainfall and Mean Monthly Temperatures of Lagos and Kano, Nigeria**

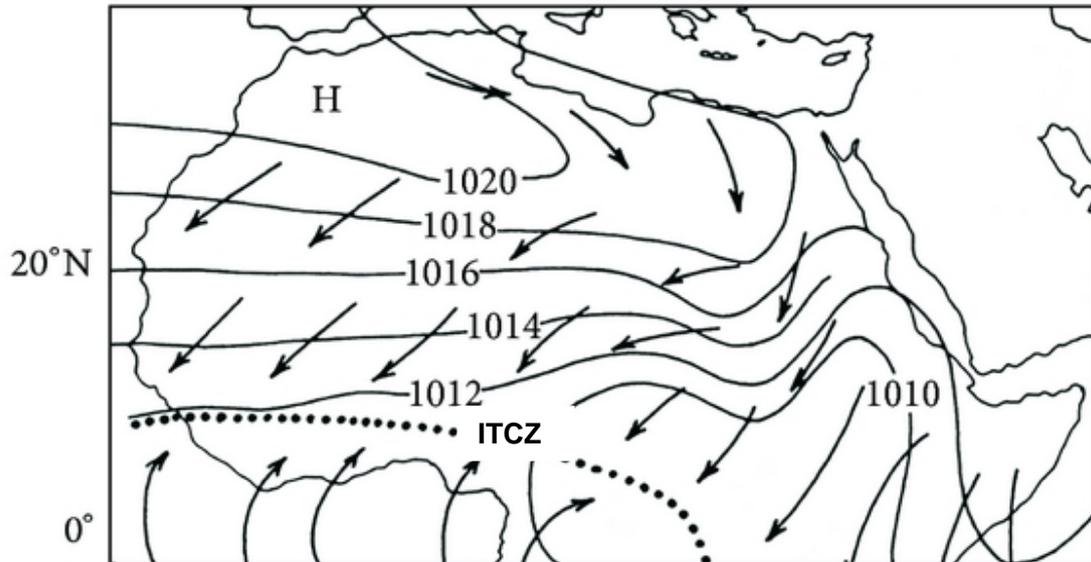


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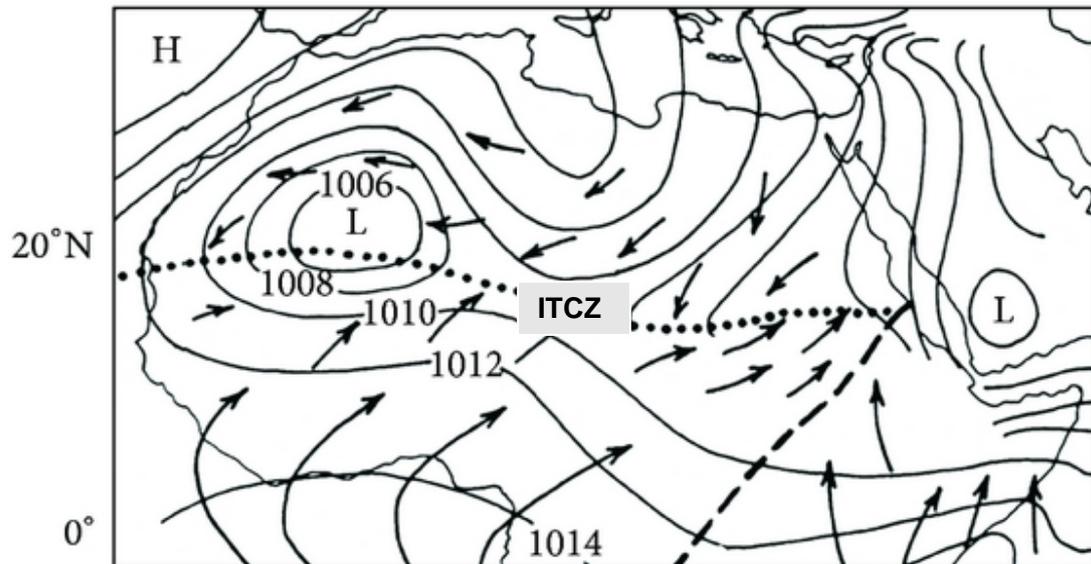
## Resource 6 for Question 2

Surface wind (arrows) and pressure (mb) over West Africa during winter (January) and at the peak of the summer monsoon (July/August)

January circulation



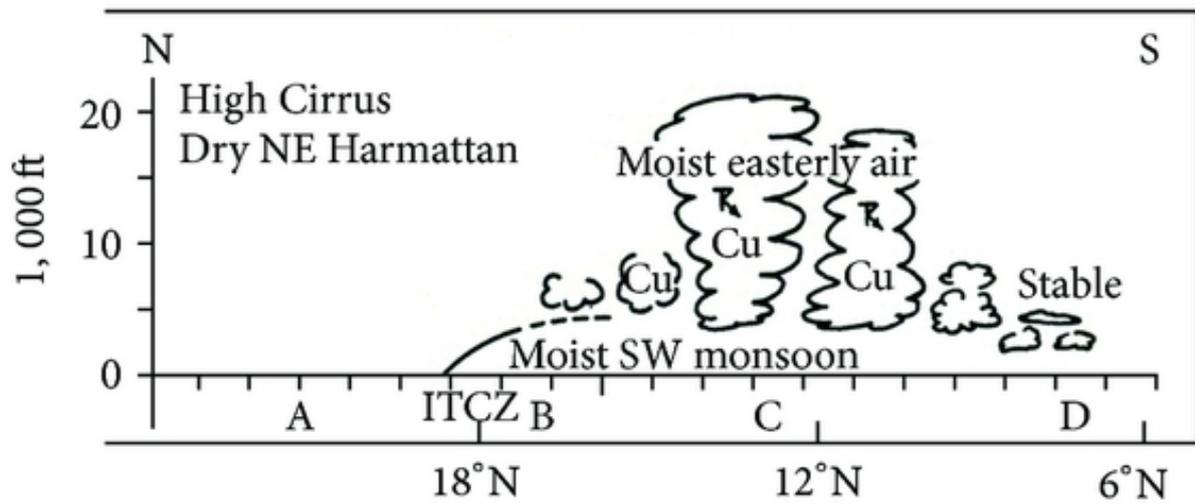
July/august circulation



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## Resource 7 for Question 2

## Position of the ITCZ over Africa during summer in the Northern Hemisphere



Weather zones of West Africa.

## Resource 8 for Question 5(a)

## The Guggenheim Museum, Bilbao, Spain

