



Catholic Junior College
JC2 Preliminary Examinations
Higher 1

GEOGRAPHY

8813/01

Paper 1

2 September 2019

3 Hours

READ THESE INSTRUCTIONS FIRST

This Insert contains all the Photographs, Table and Figures referred to in the questions.

This document consists of **8** printed pages with **1** blank page.

[Turn over]

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Resource 1 for Question 1



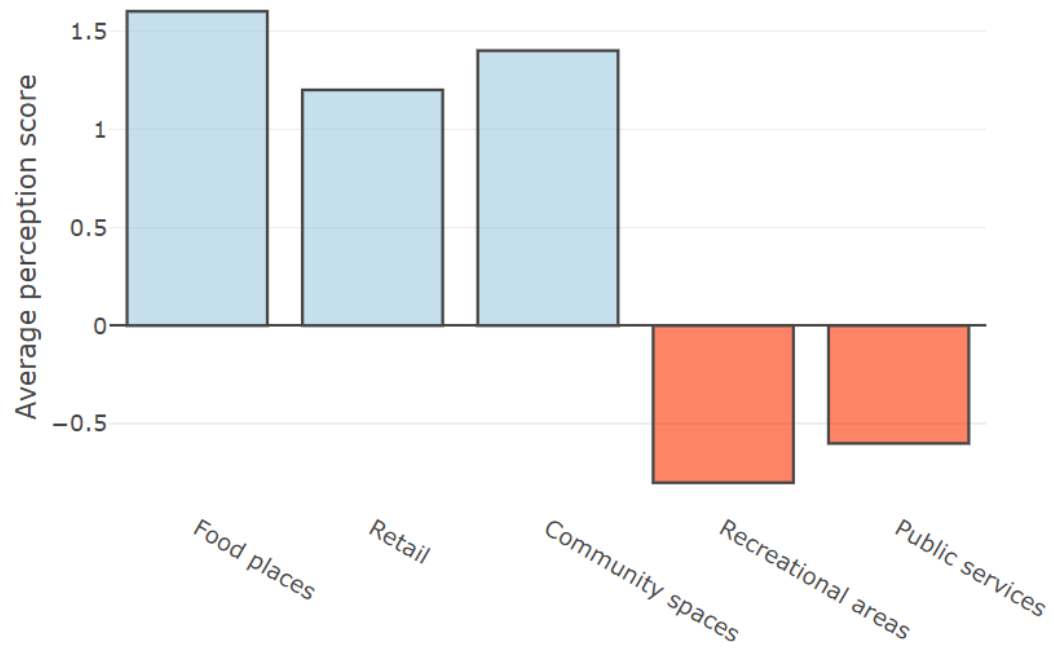
Resource 2 for Question 1

Bi-polar Survey Questions

Resident in Tiong Bahru: Yes/No Gender: Male/Female Age: _____						
Sufficiency of services and amenities index						
Lower Quality	-2	-1	0	1	2	Higher Quality
Insufficient food places						Sufficient food places
Insufficient retail stores						Sufficient retail stores
Insufficient community spaces						Sufficient community spaces
Insufficient recreational areas						Sufficient recreational areas
Insufficient public services						Sufficient public services
Total score:						

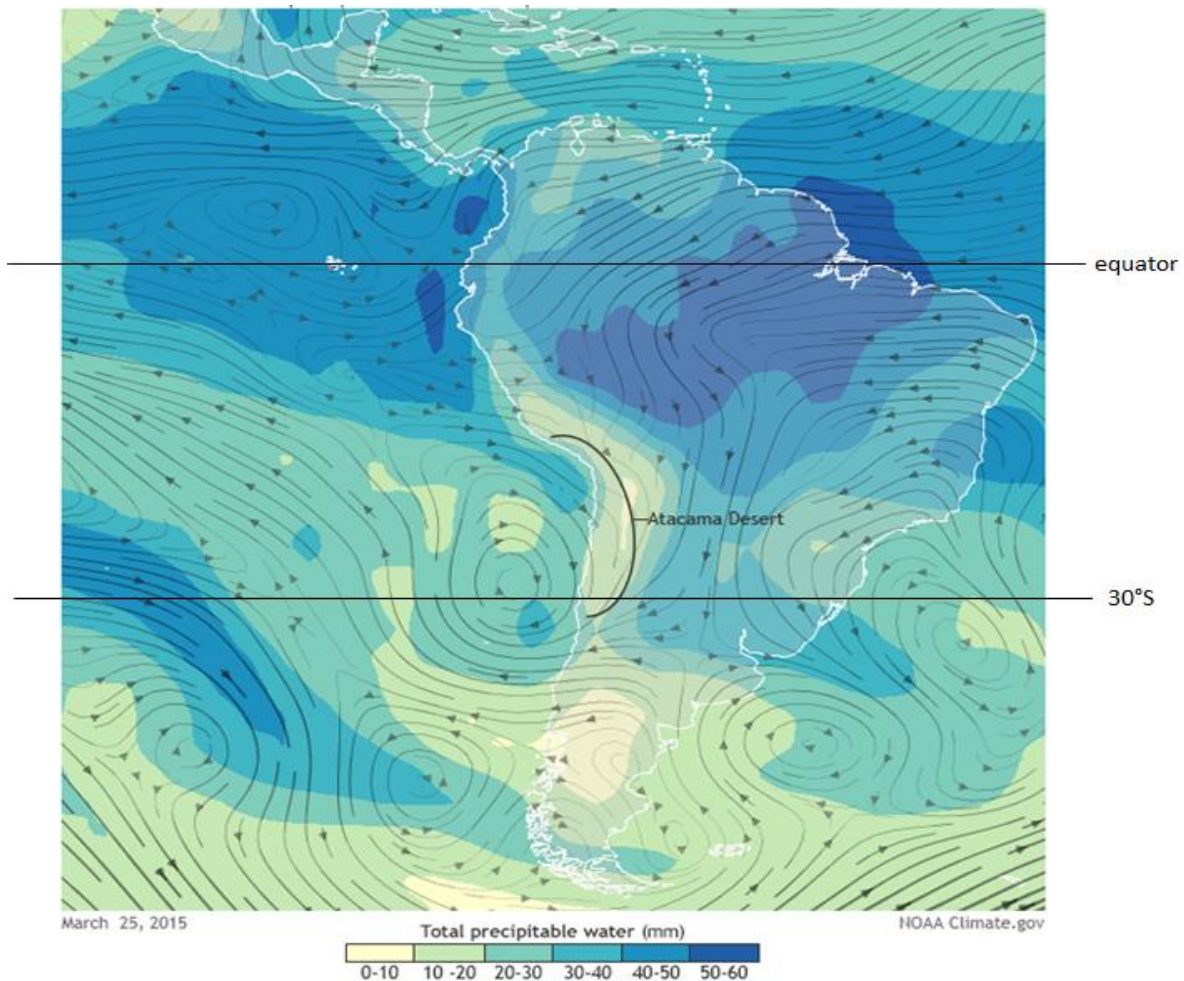
Resource 3 for Question 1

Sufficiency of services and amenities in the Tiong Bahru neighbourhood



Resource 4 for Question 2

Wind patterns and moisture available for precipitation in March, 2015, over South America



→ Wind direction

***Total Precipitable water** is the amount of water potentially available in the atmosphere for precipitation i.e. amount of water vapour available.

[Source:<https://www.climate.gov/news-features/event-tracker/flooding-chile%E2%80%99s-atacama-desert-after-years%E2%80%99-worth-rain-one-day>]

Resource 5 for Question 2

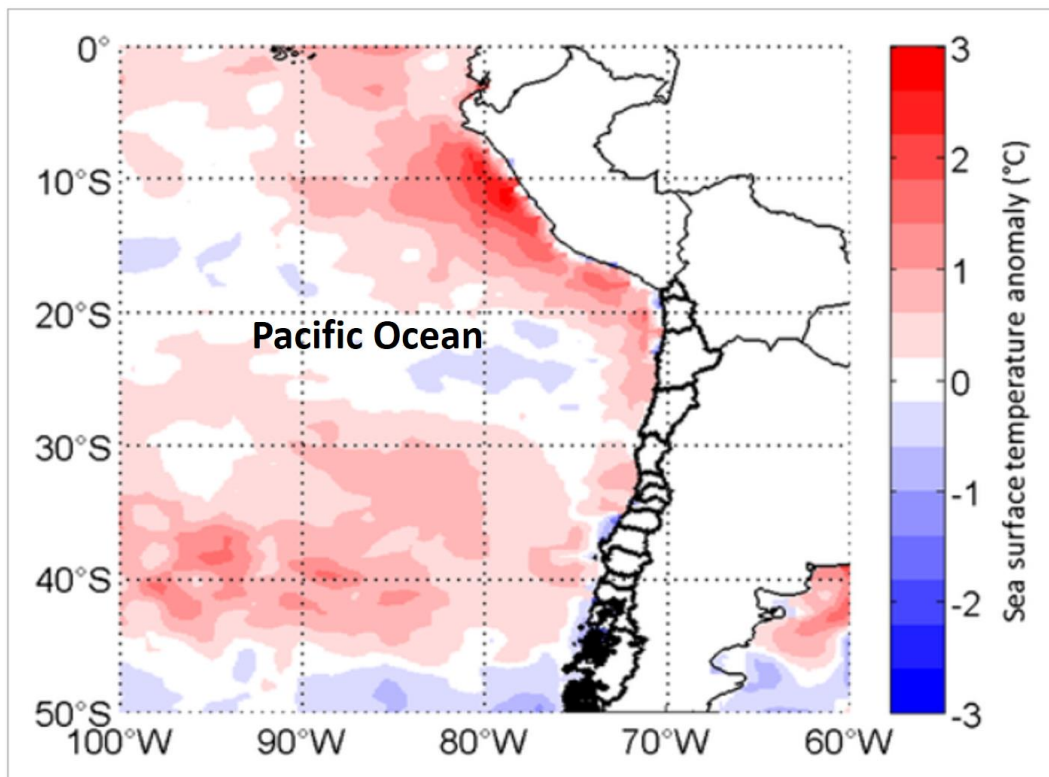
Satellite image of the Atacama Desert in South America



[Source: <https://visibleearth.nasa.gov/view.php?id=73630>]

Resource 6 for Question 2

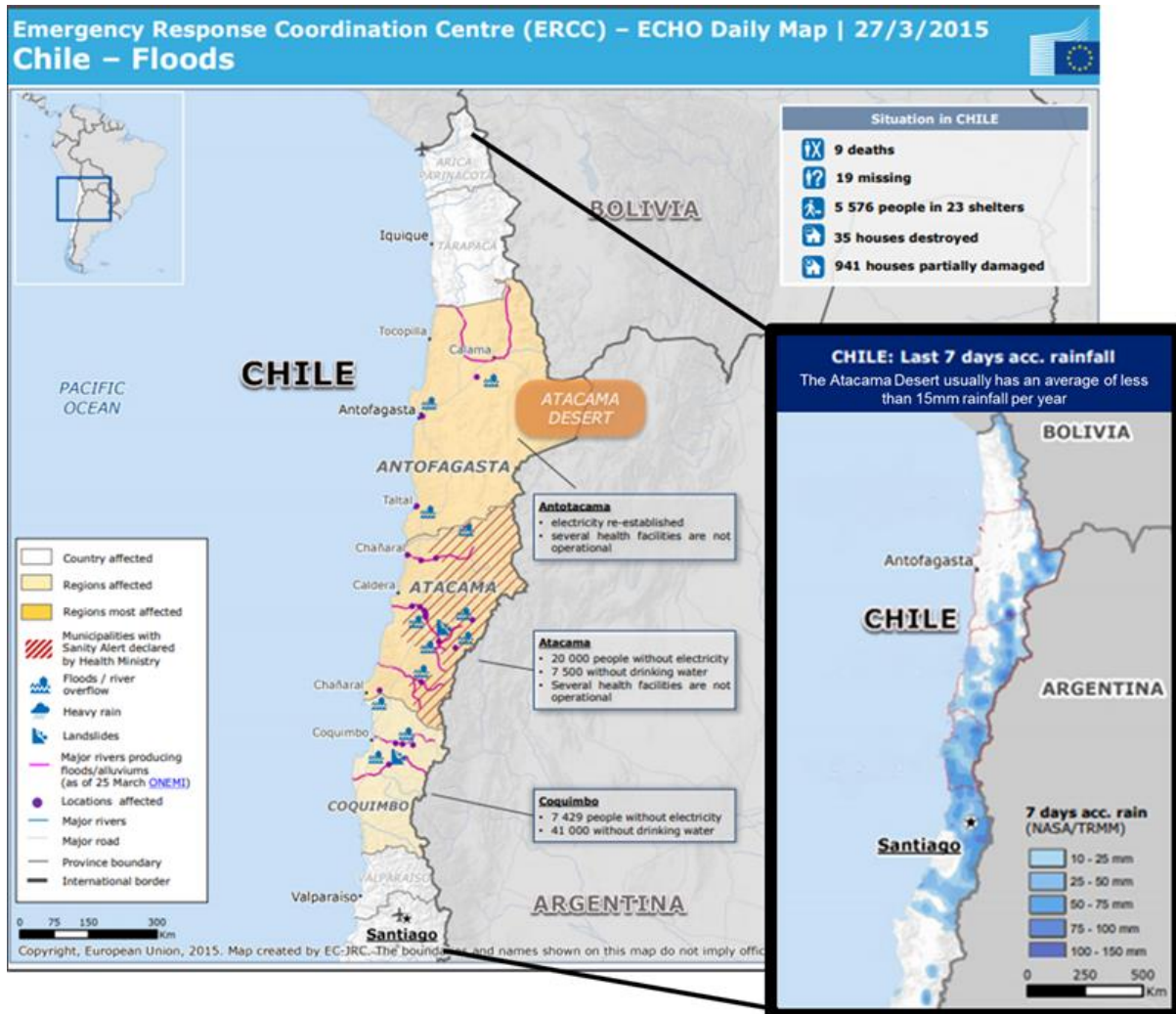
**Sea surface temperature anomalies along the Eastern Pacific Ocean for 20-24
March, 2015**



[Source: <https://agupubs.onlinelibrary.wiley.com/doi/full/10.1002/2016JD024835>]

Resource 7 for Question 2

Impacts of floods in the Atacama Desert, Chile



[Source: <https://reliefweb.int/map/chile/chile-floods-echo-daily-map-2732015>]