

Name and Index Number: ()	Class:
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SENG KANG SECONDARY SCHOOL WEIGHTED ASSESSMENT THREE

GEOGRAPHY SECONDARY TWO G3

August 2024
50 minutes

Additional Materials: Nil

READ THESE INSTRUCTIONS FIRST

Write your index number and name on all the work you hand in.
 Write in dark blue or black pen on both sides of the paper.
 You may use an HB pencil for any diagrams or graphs or rough working.
 Do not use staples, paper clips, glue or correction fluid.

Answer all questions in this question paper.
 Candidates should support their answers with the use of relevant examples.
 Sketch maps and diagrams should be drawn whenever they serve to illustrate an answer.

At the end of the examination, fasten all your work securely together.
 The number of marks is given in brackets [] at the end of each question or part question.

PRACTICE PAPER

For Examiner's use	
Q1	/ 6
Q2	/ 9
Q3	/ 10
Total	/ 25

Parent's / Guardian's Signature:

[Turn Over

This document consists of 8 printed pages.

- 1 Study Fig. 1, which shows the features in Our Tampines Hub, an integrated development in Tampines neighbourhood..

Our Tampines Hub

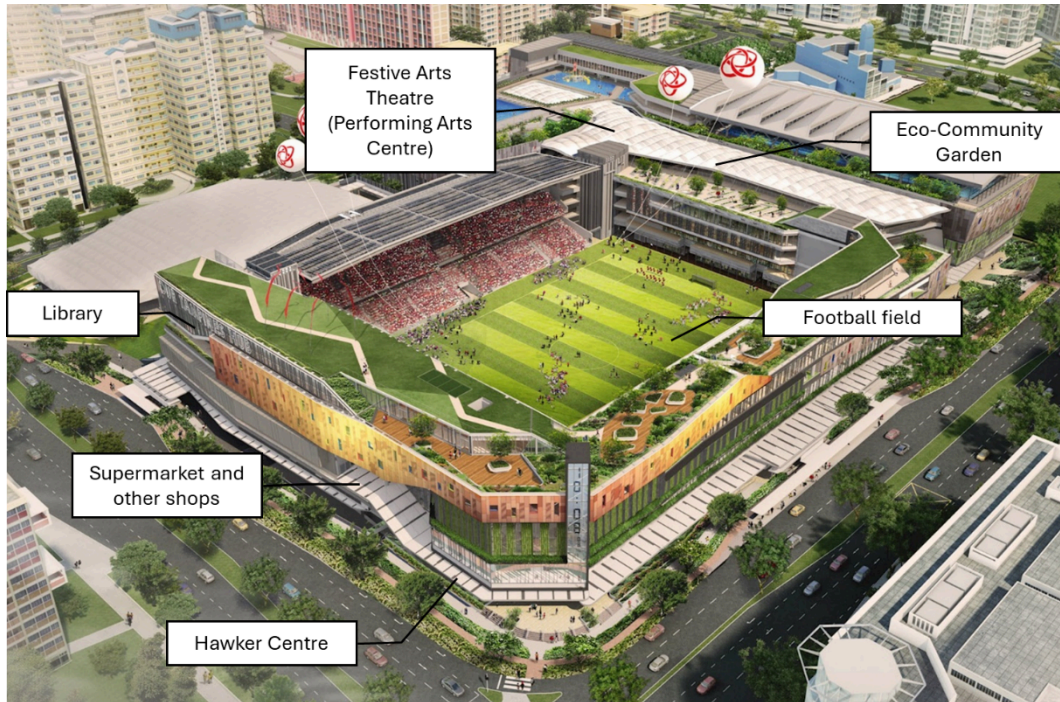


Fig. 1

- (a) Using Fig. 1, fill in the blanks below.

Amenity that caters to residents' healthcare needs: **Medical center / Active Ageing Hub**[1]

Amenity that caters to residents' social needs: **Fitness Center, Hawker Center / Community Deck / Community Garden** [1]

- (b) Using Fig. 1, explain how amenities and community spaces in Tampines Hub benefit residents.

Amenities:

- Help to provide **convenient** access to daily necessities / **make life easier** for residents
 - o This is because residents can easily buy groceries from the supermarket OR get food from the hawker center OR fulfil medical needs at the medical center without having to travel far.

Community spaces:

- Community spaces help to meet residents **social needs** / foster a **sense of belonging** to the community / **foster community spirit**

- This is because residents can gather for activities at community spaces such as fitness centers where they can exercise together and get to know each other.

Award 1 mark for each description to a maximum of 4 marks.

Reserve 2 marks for use of Figure.

- 2 Study Fig. 2, which shows the percentage of days with 'Good' or 'Moderate' air quality in Singapore from Jan 2023 to Sep 2023.

Percentage of days with 'Good' or 'Moderate' Air Quality

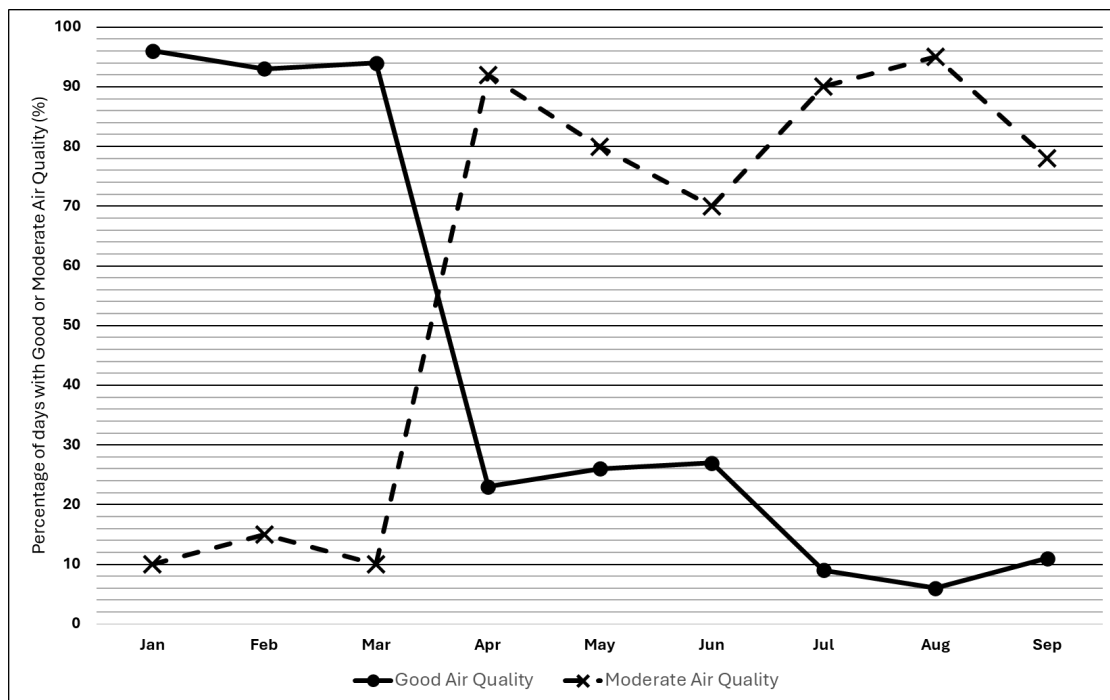


Fig. 2

- (a) Using Fig. 1, identify the two months with the greatest decrease in days with 'Good' air quality.

March to April [1]

- (b) Using Fig. 2, compare the changes in the percentage of days with 'Good' and 'Moderate' air quality from Jan 2023 to Sep 2023.

Percentage of days with good air quality increases from 10% in January to 78% in Sep but percentage of days with moderate air quality decreases from 96% in Jan to 11% in September. [1]

Both good and moderate air quality changed significantly from March to April. [1]

Percentage of days with moderate air quality increased from 22% to 26% from April to Jun but it decreased more significantly from 92% to 70%. [1]

- (c) Evaluate the effectiveness of providing inclusive public housing to sustainably manage the impacts of housing. Give an example to support your answer.

Explain what: Inclusive public housing helps to manage the impacts of housing by ensuring that the needs of different groups are met. [1]

Explain how:

- For example, there are wheelchair ramps and anti-slip railings built in HDB bathrooms. This ensures that the elderly do not slip and fall when using the bathroom. [1]
- There are also different sized flats to cater to the needs of large and small sized families.

Link to sustainable management:

When all residents' needs are met, this helps them feel more at ease in their housing estate. [1]

Limitations:

- Inclusive housing is expensive and may increase the cost of housing, making formal housing more unaffordable. [1]
- A lot of time and effort are needed to understand the needs of the community to customise town design and may still not fully meet the needs of everyone. [1]

Award 1 mark for each explanation up to a maximum of 4 marks.

Reserve 1 mark for example.

Reserve 1 mark for limitation.

- 3 Study Fig. 3, which shows the map of the Montreal Metro System in Canada.

Montreal Metro Map, Canada



Fig. 3

**Montreal is a large city in Canada.*

**The Montreal Metro System (MMS) is a underground rapit transit system consisting of a fleet of 909 trains.*

- (a) Complete the table below. Fill in each blank with the name of one station.

[3]

Feature of the Montreal Metro System	Station(s)
Node	
Major Node	
Route	Travelling from to

- (b) Using Fig. 3, describe how the Montreal Metro System (MMS) improves the coverage of transport in Montreal [2]

Use of Fig: MMS increases the coverage because there are now **more stations available** with 68 stations

How does this increase coverage:

This increases coverage because more people will live near a train station / the transport infrastructure reaches more places in Montreal which it previously did not / passengers do not need to travel as far to the nearest transport node.

- (c) (i) Tom wants to buy a house at either Angrignon or Lionel-Groulx station. Identify the station he should buy his new home at to enjoy the greatest accessibility to other parts of Montreal.

Lionel Groulx [1]

- (ii) Explain your answer in c(i). [1]

RM: Lionel-Groulx is more accessible than Angrignon

This is because he can chose from two different lines to travel to and fro Lionel Groulx, whereas he can only take one line from Angrignon. [2]

- (d) Suggest reasons why Singapore encourages residents to take non-motorised modes of transport.

- Non-motorised modes of transport such as walking or cycling are more environmentally friendly as they do not release carbon emissions. [1]
- It also promotes a healthy lifestyle for people in the city. [1]

Any other reasonable answer

END OF PAPER

This image shows a full page of white paper with horizontal dashed lines, typical of primary-ruled notebook paper. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

Question 1	Fig. 1	Nil
Question 2	Fig. 2	CNA
Question 3	Fig. 3	https://metroeasy.com/wp-content/uploads/2023/07/mapa-metro-montreal.png