Name	Class	Register number
		1

GEOGRAPHY (2279/02)

24/S4PRE/GE2

Paper 2

Monday 26 AUGUST 2024 1 hour 45 minutes

VICTORIA SCHOOL VICTORIA SCHOO



PRELIMINARY EXAMINATION SECONDARY FOUR

Candidates answer on the Question Paper

Additional Materials: Insert

READ THESE INSTRUCTIONS FIRST

Write your name, class and register number on all the work you hand in.

Write in dark blue or black pen.

You may use a pencil for any diagrams or graphs.

Do not use paper clips, highlighters, glue or correction fluid.

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.

Answer all questions.

The insert contains additional resources referred to in the questions.

The number of marks is given in brackets [] at the end of each question or part question.

The total number of marks for this paper is 50.

Setter: Mr Heng Yan Kai and Mr Kelvin Koh

Answer **all** questions.

1 Cluster 1: Geography in Everyday Life

(a)	Explain how neighborhood	environmental ds.	stewardship	can be	fostered	to build	sustainable	urban
								[0]

(b) Fig 1.1 is an exemplary residential estate in the HDB's Green Towns Programme.



Fig 1.1

Sketch the residential estate as shown in Fig 1.1. Annotate the sketch to show two features that promote environmental sustainability.

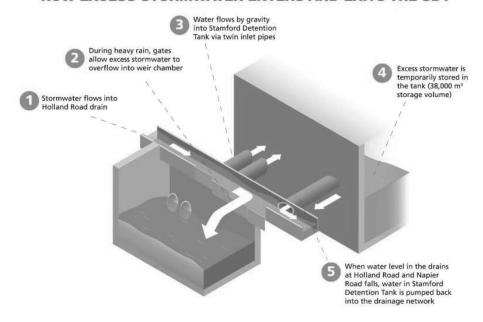
(c)	Explain how media representations of place may affect an individual's sense of place.
	[3]

(d)	Fig 1.2 (Insert) shows the distribution of industrial estates, business nodes, institutes of higher learning, airports and ports in Singapore.
	With reference to Fig 1.2, describe the spatial pattern that is shown on the industrial estates of Singapore.
	[2]
(e)	Describe the negative impacts of fire hazards on the community.
	[3]

(f) Fig. 1.3 shows flooding along Holland Road and one of the disaster risk management strategies employed in Singapore.



HOW EXCESS STORMWATER ENTERS AND EXITS THE SDT



*SDT stands for Stamford Detention Tank

Fig 1.3

	explain the neigl		disaster	risk	management	strategy	enhances	the
 	 	 						[2]

2 Cluster 4: Tectonics

(a)	Explain how slab-pull force causes the movement of tectonic plates.
	[2]

(b) Study Fig 2.1, which shows information about the different plate margins in the world.

Map of Plate Boundaries on Earth

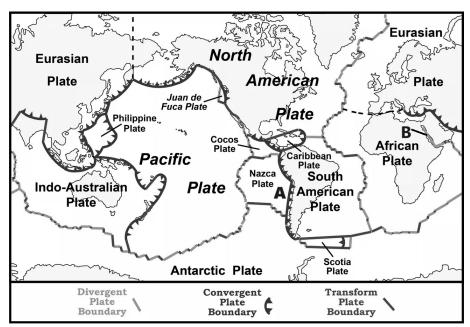


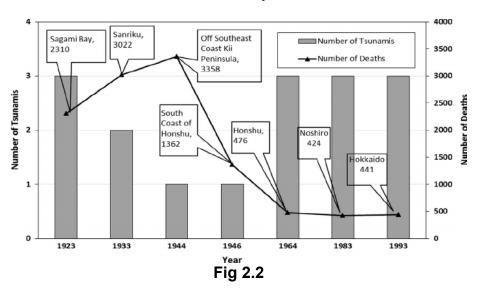
Fig 2.1

With reference to Fig 2.1, compare the processes and tectonic features formed at the

plate boundaries A and B respectively.
[4]
······································

(c) Study Fig 2.2, which shows the death rates from tsunamis in Japan between 1923 to 1993.

Death rates from Tsunamis in Japan between 1923 to 1993.



Using Fig 2.2, comment on any relationship between the number of tsunamis in Japan and the number of deaths from the Tsunamis from 1923 to 1993.

 	 	 	 	[3]

d)	Discuss how effective is increasing residents' preparedness for response and recovery in building community resilience to earthquakes.
	[6]

3 Clu	ster 5:	Singa	pore
-------	---------	-------	------

(a)	Explain why Singapore is vulnerable to energy insecurity.	
		[2]
(b)	Describe how climate change could impact Singapore.	
		[3]

(i) Fig 3.1 (Insert) shows a map that indicates the intensity of shaking at each area of Singapore in the event of an earthquake from neighboring countries.
Using Fig 3.1, describe the distribution of building shaking intensity in Singapore due to earthquakes in neighboring countries.
[3]
explain how earthquakes in another country can pose a risk on the economy of Singapore.
[3]

(d) Figs. 3.2 and 3.3 shows some of the considerations Singapore took in building social resilience in its citizens.

Community Services provided by Singaporean Volunteers

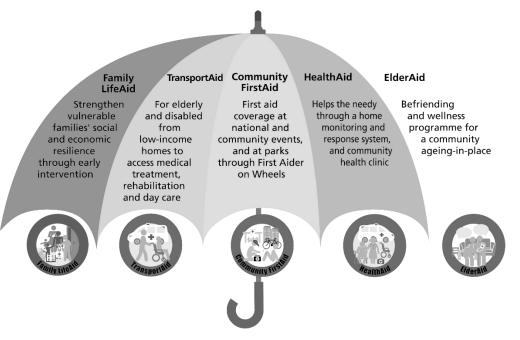


Fig 3.2

Vulnerable Groups in each Domain of Resilience

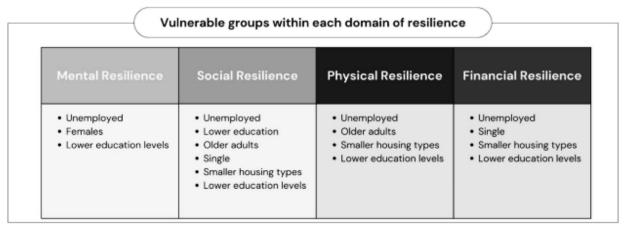


Fig 3.3

With reference to Fig. 3.2 & 3.3, evaluate Singapore's social resilience efforts.
[9

Additional Page

If you use the following page to complete the answer(s) to any question(s), the question number(s must be clearly shown.

Additional Page

If you use the following page to complete the answer(s) to any question(s), the question number(s must be clearly shown.

Copyright acknowledgements

- https://www.propertyguru.com.sg/property-management-news/2019/12/185330/hdb-raises-solar-target-for-Fig 1.1 2030-to-540mwp
- https://lkyspp.nus.edu.sg/docs/default-source/ips/forum-2_lim-eng-hwee.pdf Fig 1.2
- https://www.todayonline.com/singapore/improved-flood-prevention-measures-around-orchard-road-month; https://www.theonlinecitizen.com/2021/08/30/over-s2-billion-already-spent-has-it-paid-off/ Fig 1.3
- Fig 2.1 https://www.nps.gov/subjects/geology/plate-tectonics-evidence-of-plate-motions.htm
- https://www.researchgate.net/figure/Tsunamis-that-caused-more-than-100-deaths-by-year-in-Japan_fig6_259172075 Fig 2.2
- https://www.researchgate.net/figure/The-ARSI-map-of-Singapore-for-the-March-28-2005-earthquake-event-N-S-direction-based_fig3_311394397 Fig 3.1
- Fig 3.2 Fig 3.3 https://redcross.sg/component/content/article/166-clare.html?catid=34:local-services&Itemid=207
- https://rosa.smu.edu.sg/sites/rosa.smu.edu.sg/files/Briefs/Singapore%20Resilience%20Study.pdf