

MARKER CODE				



STUDENT ENROLMENT NUMBER (SEN)									

TONGA FORM SIX CERTIFICATE

2022

GEOGRAPHY

QUESTION AND ANSWER BOOKLET

Time allowed: 3 Hours

INSTRUCTIONS:

1. Write your **Student Enrolment Number (SEN)** on the top right-hand corner of this page.
2. This paper consists of **TWO SECTIONS** and is out of 70 weighted scores.

SECTION	STRANDS	TOTAL SKILL LEVEL
ONE	PHYSICAL GEOGRAPHY	31
TWO	CULTURAL GEOGRAPHY	39
	TOTAL	70

3. Answer ALL QUESTIONS. Write your answers in the spaces provided in this booklet.
4. Use a **BLUE** or **BLACK** ball point pen only for writing. Use a pencil for drawing if required.
5. If you need more spaces for answers, ask the supervisor for extra paper. Write your **Student Enrolment Number (SEN)** on each additional sheet, number the questions clearly and insert them in the appropriate places in this booklet.
6. Check that this booklet contains pages **2-23** in the correct order and that pages 22-23 have been deliberately left blank.

YOU MUST HAND IN THIS BOOKLET TO THE SUPERVISOR BEFORE YOU LEAVE THE EXAMINATION ROOM.

SECTION ONE:

PHYSICAL GEOGRAPHY

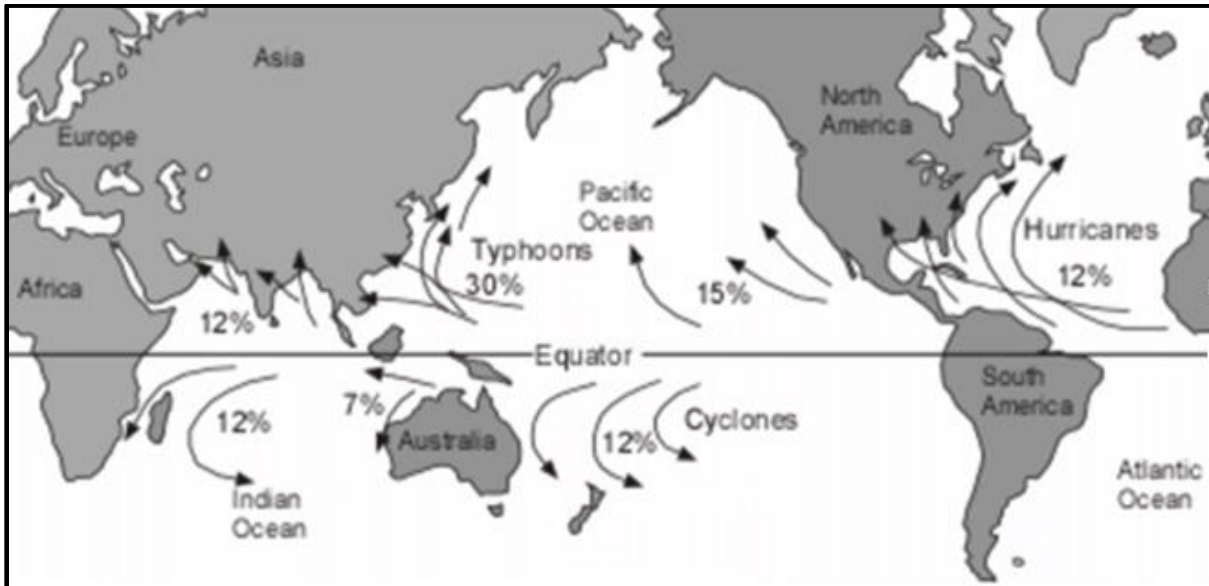
QUESTION ONE:

NATURAL HAZARDS

Part A: Tropical Cyclones

Study **Resource 1** below and use the information in it to answer the questions that follow.

Resource 1: Typical areas where tropical cyclones form, their travel path and annual percentage.



(Source – International Best Track Archive for climate stewardship, NOAA)

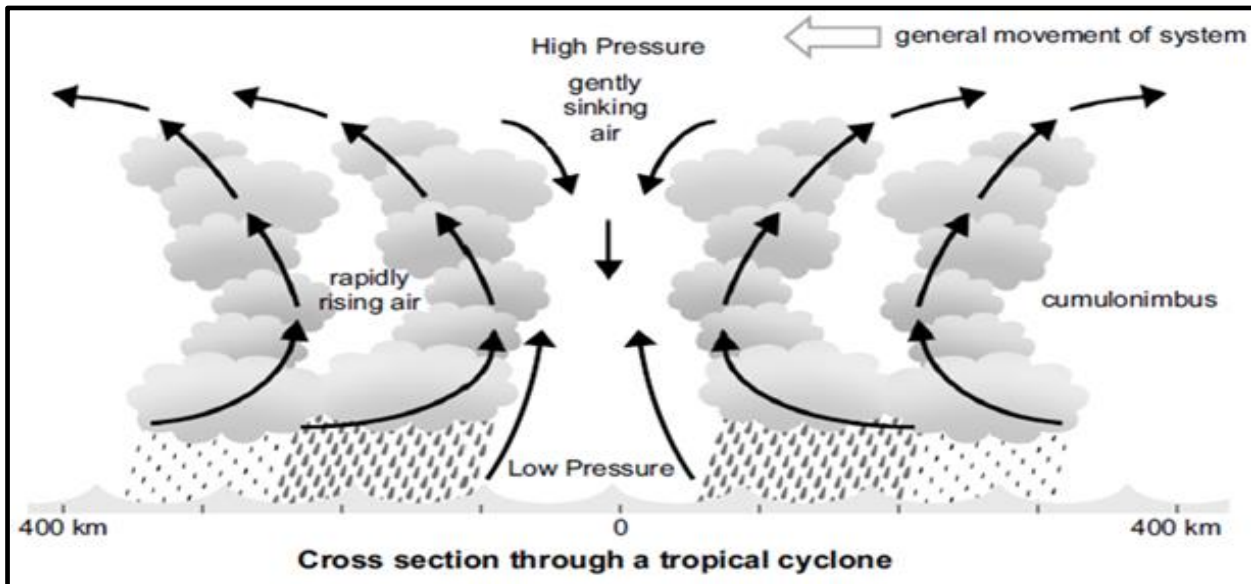
1. Name **ONE** (1) area where tropical cyclone is found.

Skill level 1	
1	
0	
NR	

2. With reference to **Resource 1**, describe the distribution pattern of tropical cyclones.

Skill level 2	
2	
1	
0	
NR	

Resource 2: Cross-section of a tropical cyclone



(https://learn.mindset.africa/sites/default/files/resourcelib/emshare-show-note-asset/858_fdoc.pdf)

- On the cross-section above, label the ‘eye’ of the tropical cyclone.
- With reference to **Resource 2**, explain how tropical cyclones form.

Skill level 1	
1	
0	
NR	

5. With reference to **Resource 2**, explain how tropical cyclones form.

[illegible]

Skill level 3	
3	
2	
1	
0	
NR	

6. Describe the weather conditions of the area between 100-200 km from the centre of the cyclone.

	Skill level 2	
	2	
	1	
	0	
	NR	

7. Explain the different effects of a tropical cyclone on the people.

	Skill level 3	
	3	
	2	
	1	
	0	
	NR	

8. Identify a planned response to tropical cyclones and its implication.

	Skill level 1	
	1	
	0	
	NR	

Part B: Volcanoes or Earthquakes

Choose **ONE** (1) topic from ***EITHER*** i. Volcanoes **OR** ii. Earthquakes topic to answer the questions that follow.

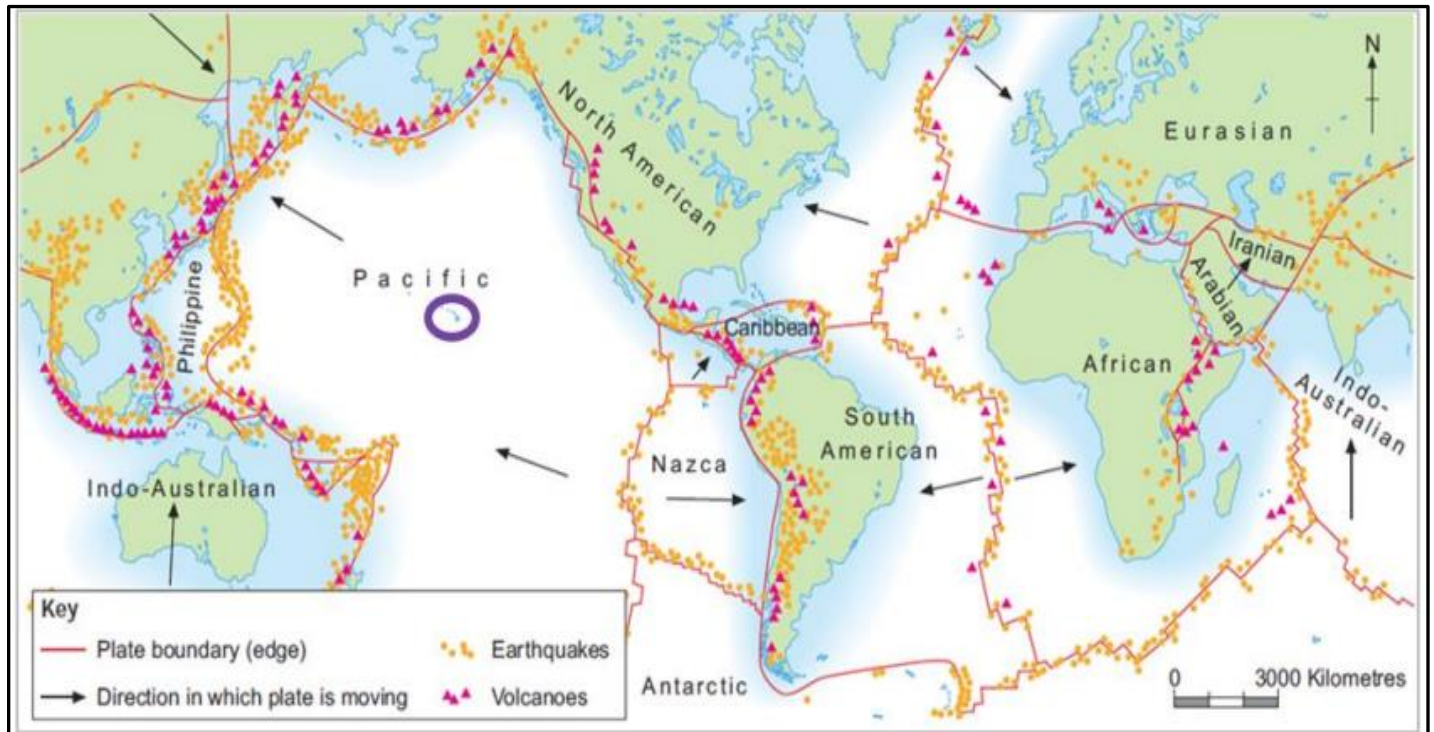
i. VOLCANOES OR ii. EARTHQUAKES

In the frame below, name the choice of your topic, and use it to answer the questions that follow.

TOPIC: _____

Use **Resource 3** below to answer the questions that follow.

Resource 3: Volcanoes and earthquakes.

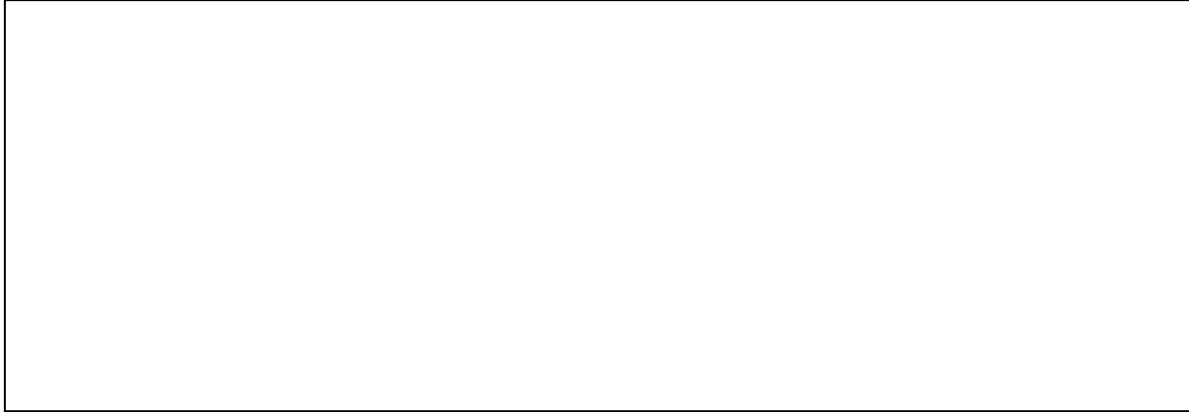


(<https://arkvictoria.org/sites/default/files/Yr%207%20Geography%20Terrifying%20Tectonics.pdf>)

1. Define your named topic.

Skill level 1	
1	
0	
NR	

2. Draw a simple cross-section to show how your named topic is formed.



Skill level 1	
1	
0	
NR	

3. Name an area where your named topic is commonly found at.

Skill level 1	
1	
0	
NR	

4. Explain the location of your named topic.

Skill level 3	
3	
2	
1	
0	
NR	

5. By referring to a case study, describe the effects of your named topic on the people.

Skill level 2	
2	
1	
0	
NR	

6. With reference to a named case study, explain the **importance** of studying natural hazards.

Skill level 3	
3	
2	
1	
0	
NR	

7. With reference to a named case study, clearly discuss the planned responses to your named topic.

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Skill level 4	
4	
3	
2	
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0	
NR	

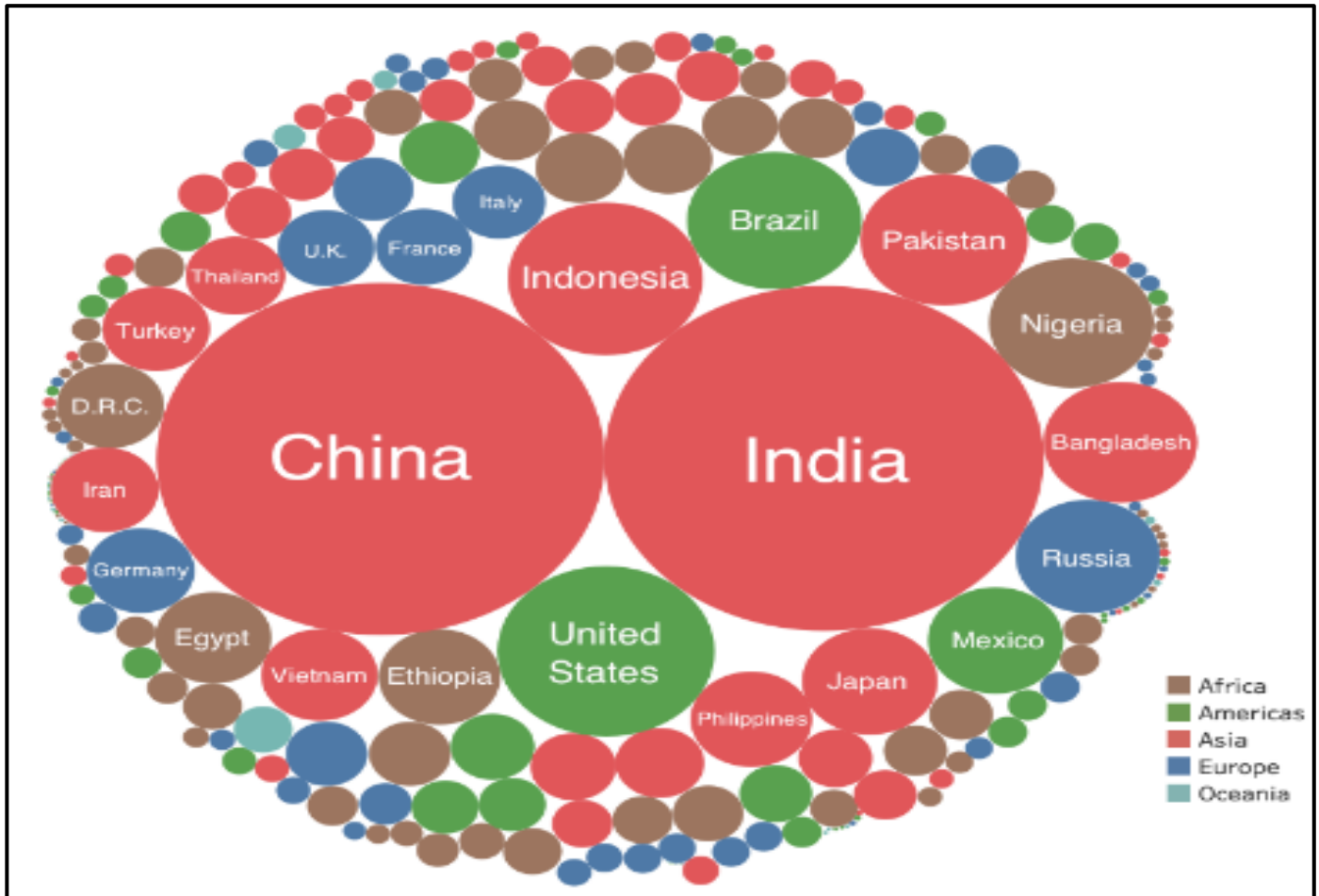
Skill level 4	
4	
3	
2	
1	
0	
NR	

SECTION TWO: CULTURAL GEOGRAPHY

QUESTION ONE: CONSEQUENCES OF POPULATION GROWTH

Study **Resource 4** below and answer the questions that follow.

Resource 4: Countries by population size.



(<https://www.visualcapitalist.com/population-every-country-bubble/>)

1. According to **Resource 4**, name the **TWO (2)** countries with the largest population.

- i. _____
- ii. _____

Skill level 1	
1	
0	
NR	

2. Identify the pattern of the population size shown in the resource above.

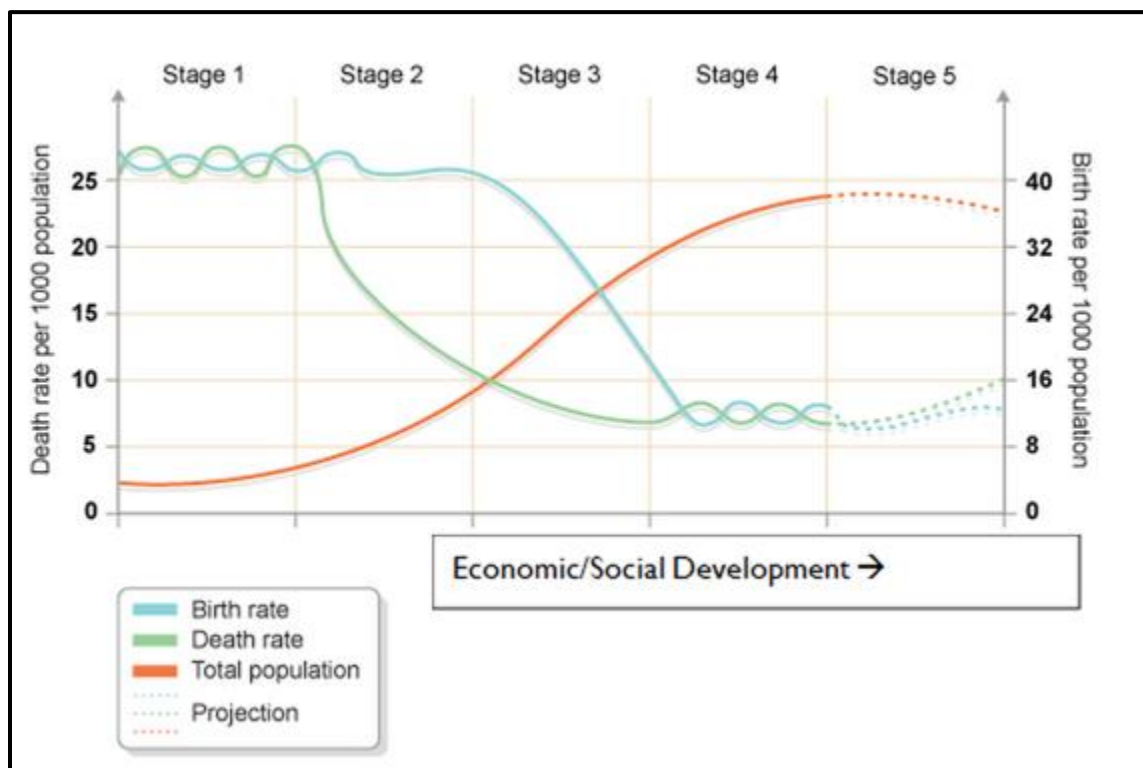
Skill level 1	
1	
0	
NR	

3. Describe the distribution of the population size shown.

Skill level 2	
2	
1	
0	
NR	

Study the Demographic Transition Model in **Resource 5** and answer the questions that follow.

Resource 5: Demographic Transition Model



4. On the Demographic Transition Model above, shade and label Natural Increase.

Skill level 1	
1	
0	
NR	

5. Identify the stage in which total population is at zero population growth.

Skill level 1	
1	
0	
NR	

[illegible]



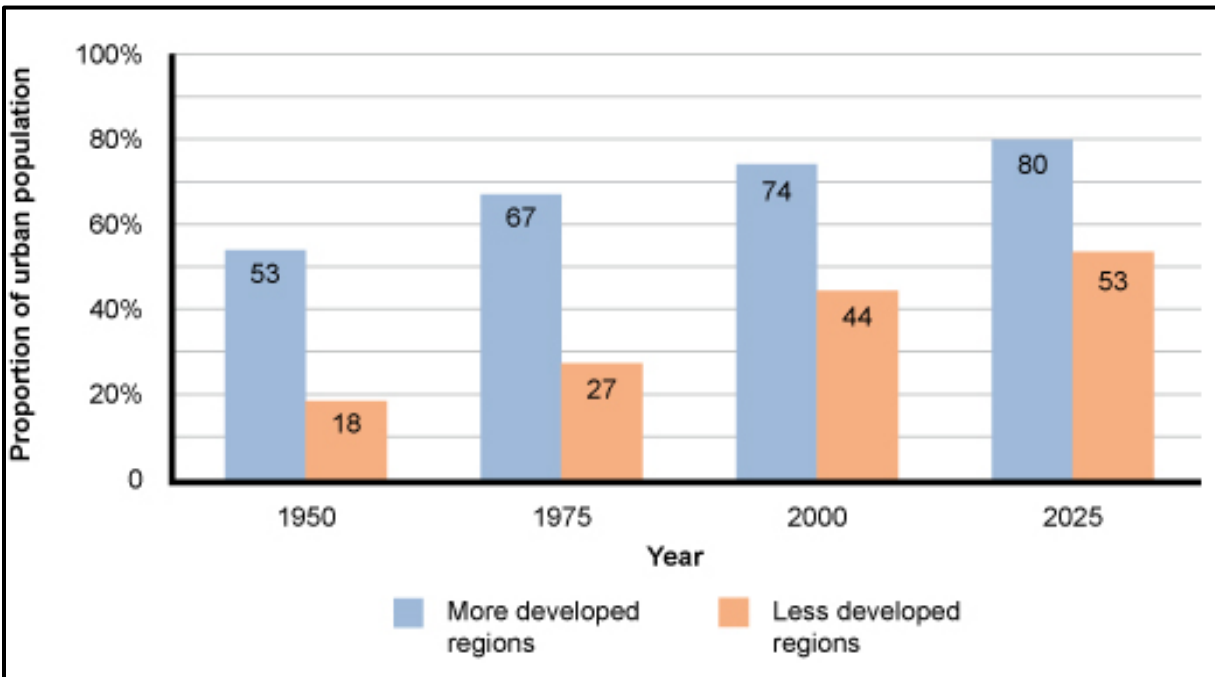
Skill level 2	
2	
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- [illegible]

QUESTION TWO: THE CHALLENGES OF URBANISATION AND URBAN ENVIRONMENTS

Study **Resource 6** to help you answer the questions that follow.

Resource 6: Global Patterns of Urbanisation.



(<https://www.open.edu/openlearncreate/mod/oucontent/view.php?id=79940&printable=1>)

1. Define urbanisation.

Skill level 1	
1	
0	
NR	

2. Describe the global patterns of urbanization shown in **Resource 6**.

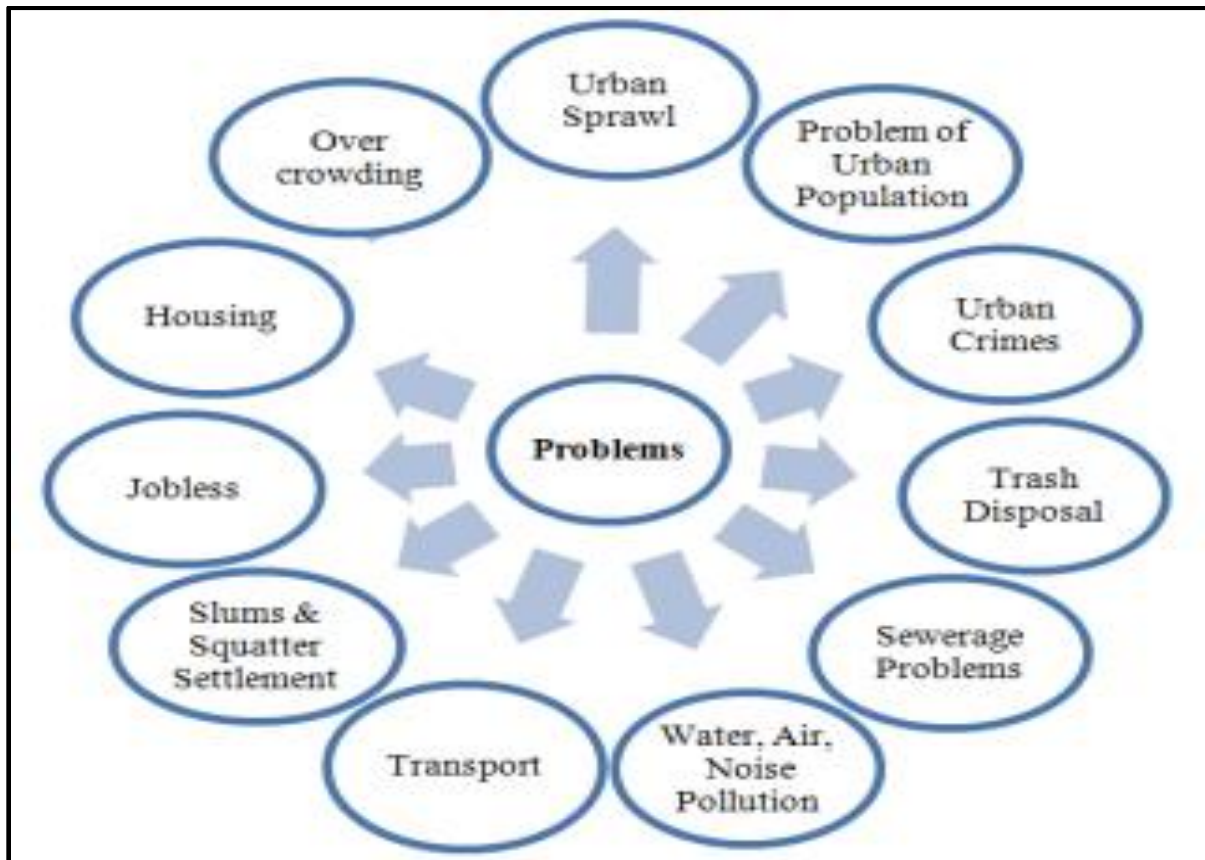
Skill level 2	
2	
1	
0	
NR	

3. Explain the processes that caused urbanisation in more developed regions.

Skill level 3	
3	
2	
1	
0	
NR	

Study **Resource 7** and answer the questions that follow.

Resource 7: Major Problems of Urbanisation



(<https://www.open.edu/openlearncreate/mod/oucontent/view.php?id=79940&printable=1>)

4. Identify a planned response to the problems of urban growth on the environment in a developing country.

Skill level 1	
1	
0	
NR	

5. Identify an implication of the planned response in **question 4.** to urban growth.

Skill level 1	
1	
0	
NR	

6. Use a case study from a developing country to explain the effects of urban growth on the environment.

Skill level 3	
3	
2	
1	
0	
NR	

QUESTION THREE: GEOGRAPHIC PERSPECTIVES ON TOURISM

Study **Resource 8** and use it to answer the questions that follow.

Resource 8: Top 5 Pacific Source Markets for 2018



1. Define source market.

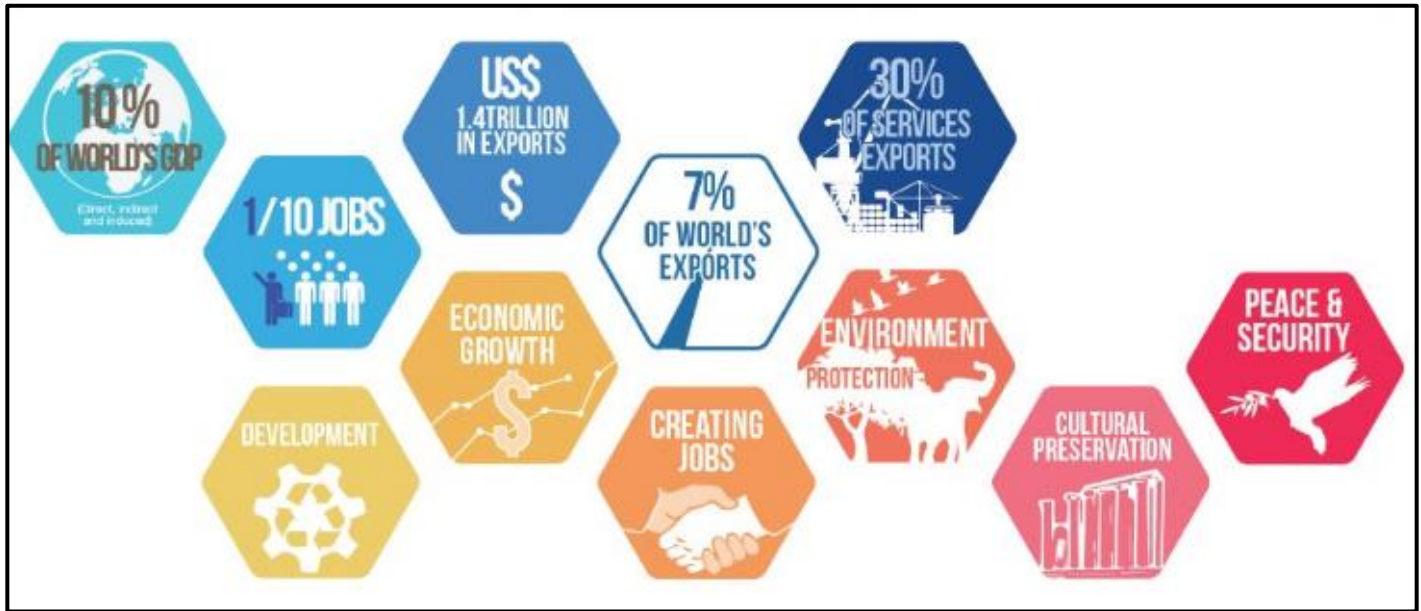
Skill level 1	
1	
0	
NR	

2. Explain the location of the principal countries where international terrorists come from to the Pacific Islands.

Skill level 3	
3	
2	
1	
0	
NR	

Use **Resource 9** to answer the questions that follow.

Resource 9: Why Tourism Still Matters in 2022



(<https://www.google.com/search?q=why+tourism+matters>)

3. Define the term tourism.

Skill level 1	
1	
0	
NR	

4. Explain why tourism still matters and how it will continue to grow.

Skill level 3	
3	
2	
1	
0	
NR	

Use **Resource 10** to answer the questions that follow.

Resource 10: Pacific Tourism sustainability



(<https://www.adb.org/publications/tourism-driver-growth-pacific>)

5. Identify the **THREE (3)** bottom line of sustainability mentioned in **Resource 10**.

Skill level 1	
1	
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NR	

6. With reference to **Resource 10** and named case studies, discuss how tourism in the Pacific could be sustained.

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