

MARKER CODE				



STUDENT ENROLMENT NUMBER (SEN)									

TONGA FORM SIX CERTIFICATE

2023

GEOGRAPHY

QUESTION AND ANSWER BOOKLET

Time allowed: 3 Hours

INSTRUCTIONS:

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

SECTIONS	QUESTIONS	STRANDS	TOTAL SKILL LEVEL
ONE	ONE	<u>PHYSICAL GEOGRAPHY:</u> LIVING WITH NATURAL HAZARDS A. TROPICAL CYCLONES	17
		B. Choose <u>ONLY ONE</u> from: VOLCANIC ERUPTION or EARTHQUAKES	15
TWO	TWO	<u>CULTURAL GEOGRAPHY:</u> CONSEQUENCES OF POPULATION GROWTH	16
	THREE	THE CHALLENGES OF URBANISATION AND URBAN DEVELOPMENT	10
	FOUR	THE GEOGRAPHIC PERSPECTIVES ON TOURISM	12
TOTAL			70

- Answer ALL QUESTIONS. Write your answers in the spaces provided in this booklet.
- Use a **BLUE** or **BLACK** ball point pen only for writing. Use a pencil for drawing if required.
- If you need more space 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.
- Check that this booklet contain pages **2-23** in the correct order and that none of the pages is blank.

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

SECTION ONE:

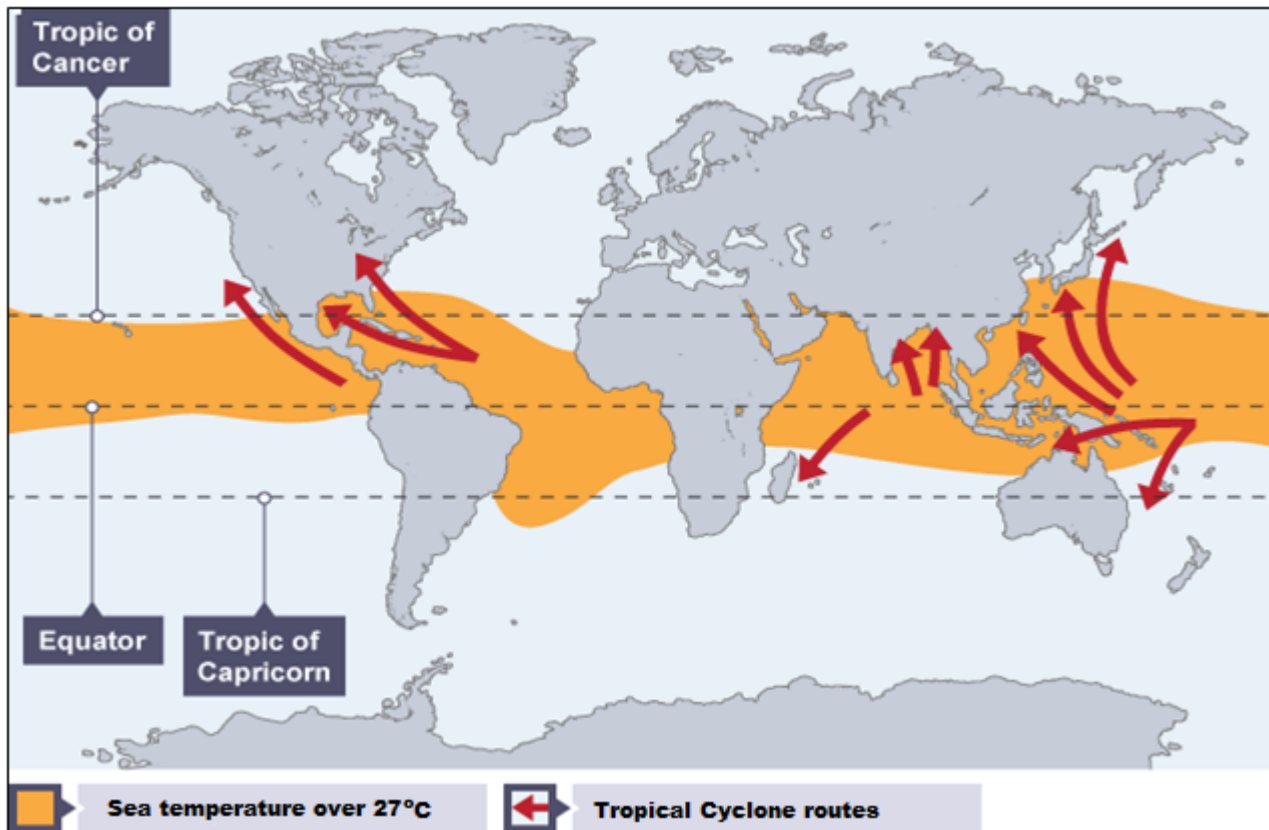
PHYSICAL GEOGRAPHY

QUESTION ONE: LIVING WITH NATURAL HAZARDS

A. TROPICAL CYCLONES

Study **Resource 1.1** and answer questions 1 to 3.

Resource 1.1: Global distribution of Tropical Cyclones



Global atmospheric circulation - Tropical storms - AQA - GCSE Geography Revision - AQA - BBC Bitesize

1. Tropical cyclones are one of the natural events that highly occur in the South Pacific.
Define natural hazards.

Skill level 1	
1	
0	
NR	

2. List **TWO (2)** areas where tropical cyclones are commonly found to occur.

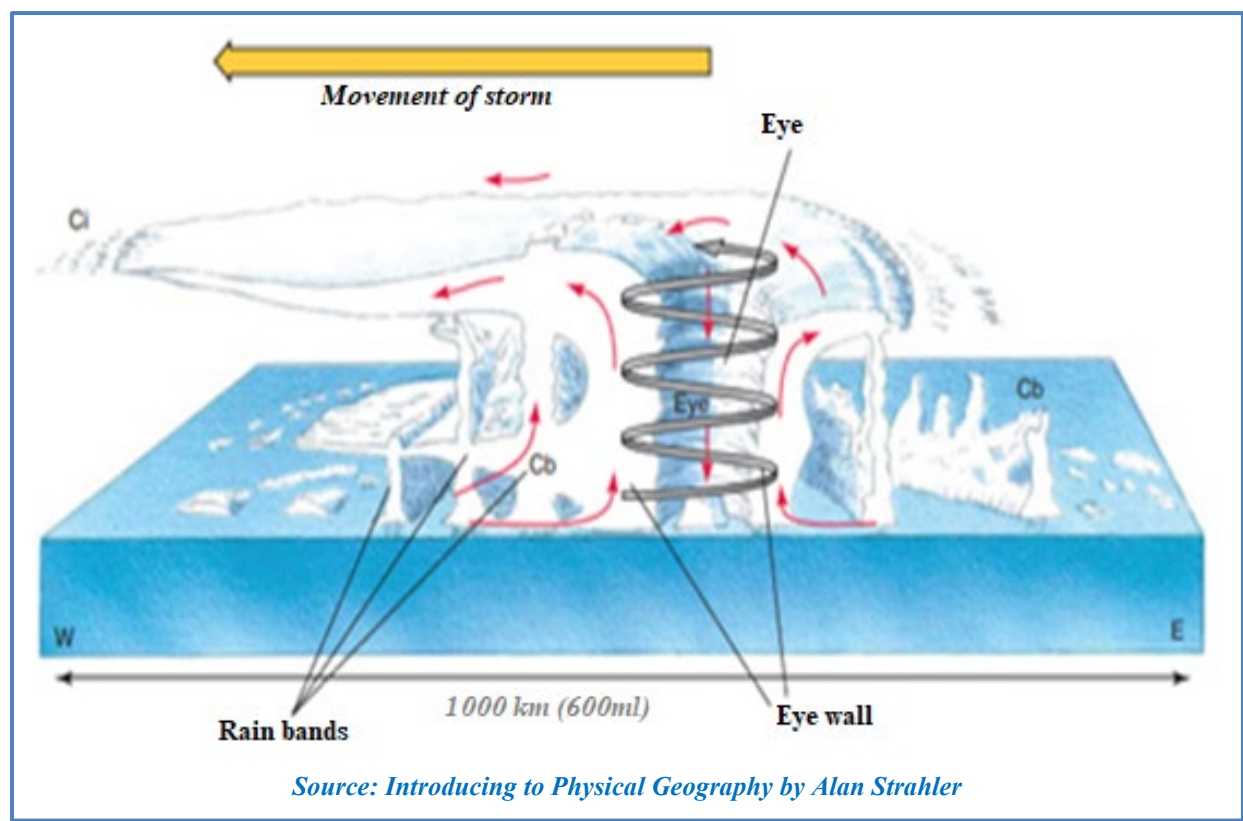
- i.

- ii.

Skill level 2	
2	
1	
0	
NR	

Study **Resource 1.2** and answer questions 4 to 6.

Resource 1.2: Structure of tropical cyclones



Source: Introducing to Physical Geography by Alan Strahler

4. Label the jet stream with a letter **J** on **Resource 1.2**.

Skill level 1	
1	
0	
NR	

5. Describe the “**EYE**” of a cyclone

Skill level 2	
2	
1	
0	
NR	

6. Name **ONE (1)** Tropical cyclone that **negatively** affected Tonga in the past 10 years.

Skill level 1	
1	
0	
NR	

7. Explain with named examples, the effects of tropical cyclones on people.

[illegible]

Skill level 3	
3	
2	
1	
0	
NR	

-
- This image shows a full page of blank, lined paper. It features approximately 28 horizontal blue or grey lines spaced evenly apart, typical of notebook paper. The lines extend across the entire width of the page, leaving small margins at the top and bottom. There are no vertical lines, text, or other markings on the page.

Skill level 4	
4	
3	
2	
1	
0	
NR	

B: Choose **ONLY ONE** from either: **VOLCANIC ERUPTION OR EARTHQUAKE**

VOLCANIC ERUPTION:

(Draw with pencil.)

1. Draw a cross-section of a volcano in the space provided below. Use all diagram drawing skills.

Skill level 2	
2	
1	
0	
NR	

2. Label the magma chamber.

Skill level 1	
1	
0	
NR	

3. Explain the processes in a volcanic eruption.

Skill level 3	
3	
2	
1	
0	
NR	

EARTHQUAKE:

(Draw with pencil.)

1. Draw a cross-section of an earthquake in the space provided below. Use all diagram drawing skills.

Skill level 2	
2	
1	
0	
NR	

2. Name the epicenter.

Skill level 1	
1	
0	
NR	

3. Explain the processes that cause earthquakes.

Skill level 3	
3	
2	
1	
0	
NR	

Study **Resource1.4** and answer questions 4 to 6.

Resource 1.4: Earthquake in Turkey.

Turkey earthquake: Where did it hit and why
was it so deadly?

Published: 10th February, by Pallab Ghosh in the Abu Dhabi, UAE (CNN)

The first earthquake was big - it registered as 7.8, classified as "major" on
the official magnitude scale. It broke along about 100km (62 miles) of fault
line, causing serious damage to buildings near the fault.

4. Identify **ONE (1)** feature of the “major” earthquake in Turkey.

Skill level 1	
1	
0	
NR	

5. Identify **ONE (1)** negative effect of the earthquake on the people of Turkey.

Skill level 1	
1	
0	
NR	

6. Explain the effects of earthquakes on the environment of Turkey.

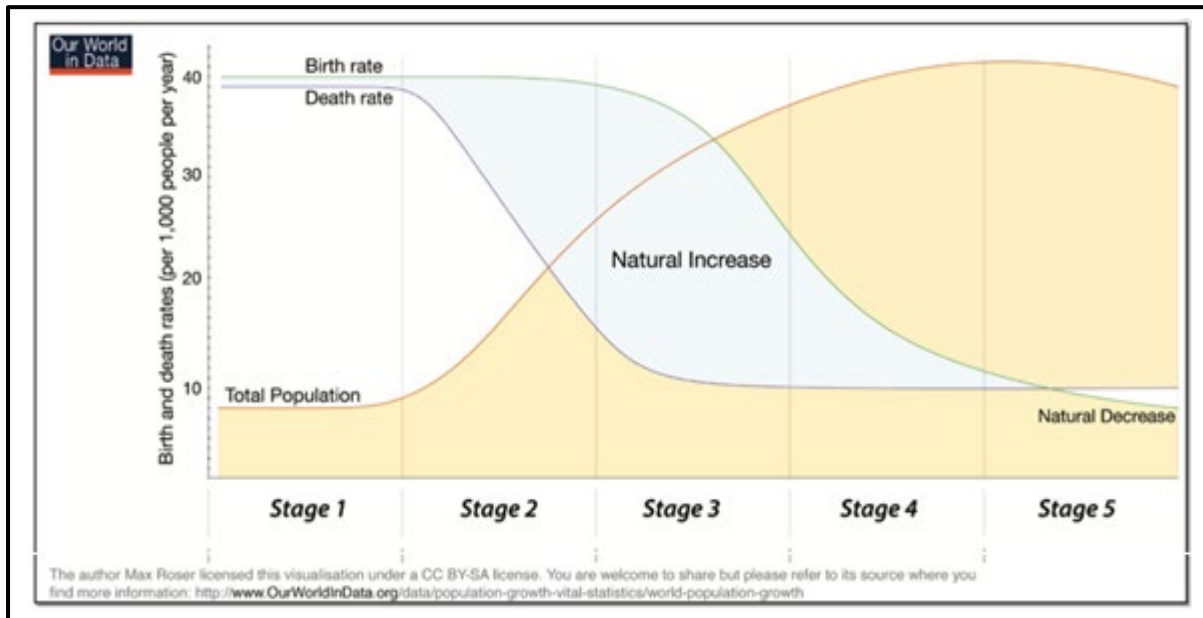
Skill level 3	
3	
2	
1	
0	
NR	

SECTION TWO: CULTURAL GEOGRAPHY

QUESTION TWO: CONSEQUENCES OF POPULATION GROWTH

Study **Resource 2.1** and answer questions 1 and 2.

Resource 2.1: Demographic Transition Model



1. Define natural increase.

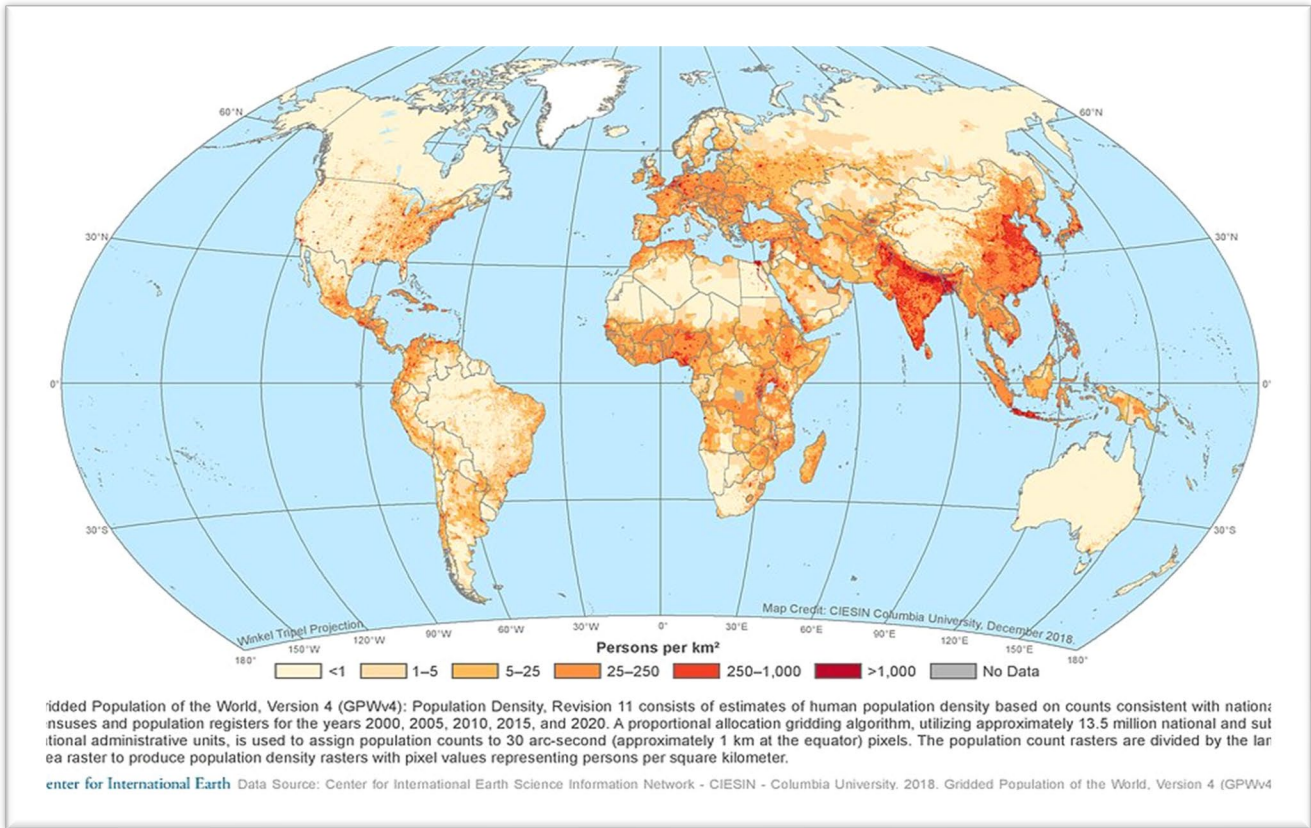
Skill level 1	
1	
0	
NR	

2. Explain what happened at **Stage 3** of the demographic transition model.

Skill level 3	
3	
2	
1	
0	
NR	

Study **Resource 2.2** and answer questions 3 to 5.

Resource 2.2: Population Distribution



3. Define population density.

Skill level 1	
1	
0	
NR	

4. Name the pattern of population distribution of the world.

Skill level 1	
1	
0	
NR	

5. State **ONE (1)** socio-cultural factor that influences the population distribution of India.

Skill level 1	
1	
0	
NR	

Study **Resource 2.3** and answer questions 6 and 7.

Resource 2.3: Housing type of megacities.



6. Describe **ONE (1)** factor that may have caused the kind of settlement shown in **Resource 2.3**.

Skill level 2	
2	
1	
0	
NR	

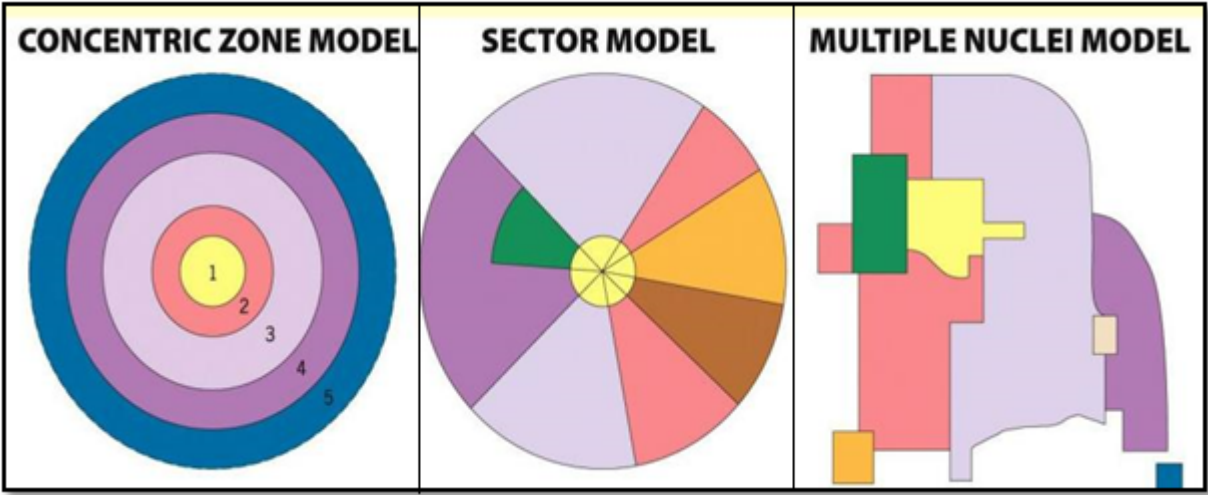
7. Explain **ONE (1)** negative socio-cultural effect of the housing type shown in **Resource 2.3**.

Skill level 3	
3	
2	
1	
0	
NR	

QUESTION THREE: THE CHALLENGES OF URBANISATION AND URBAN DEVELOPMENT

Study Resource 3.1 and answer questions 1 and 2.

Resource 3.1: Models of urban structure



1. One of the reasons for the growth of urban areas is rural-urban drift. Define rural- urban drift.

Skill level 1	
1	
0	
NR	

2. Describe ONE (1) feature of the Concentric Zone Model.

Skill level 2	
2	
1	
0	
NR	

Study **Resource 3.2** and answer question 3.

Resource 3.2: Consequences of urban growth



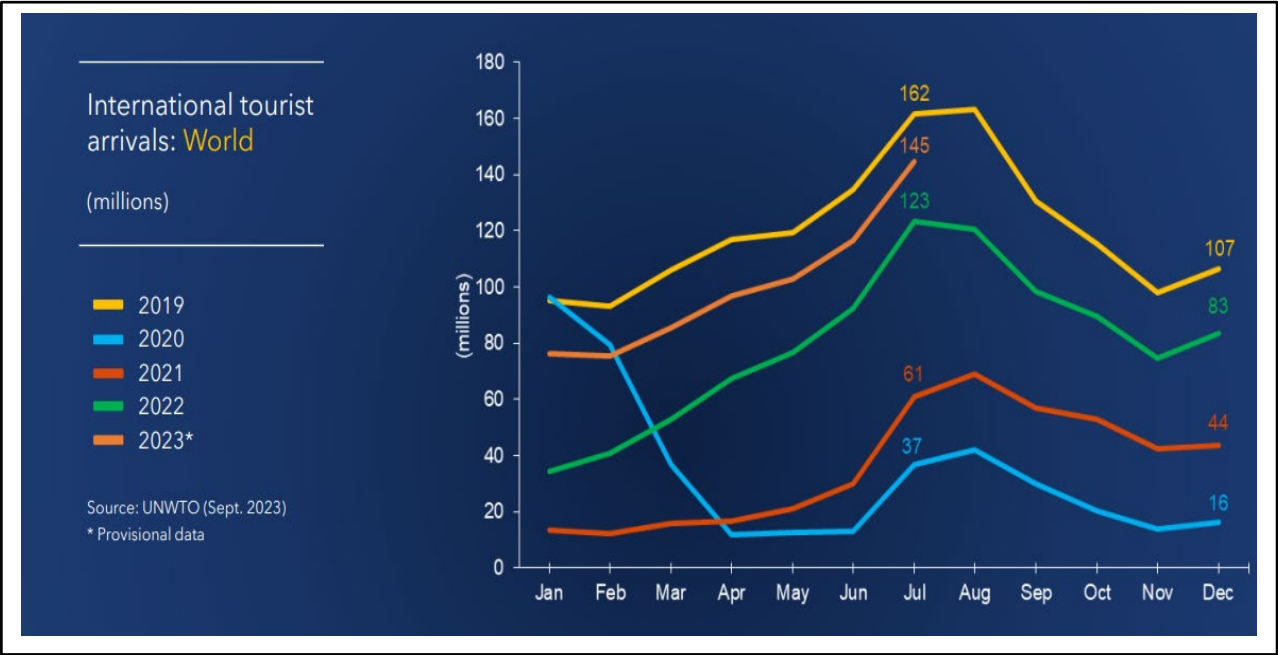
3. Explain **ONE (1)** negative effect of urban growth on people. With examples from case studies

Skill level 3	
3	
2	
1	
0	
NR	

QUESTION FOUR: THE GEOGRAPHIC PERSPECTIVES ON TOURISM

Study Resource 4.1 and answer questions 1 to 3.

Resource 4.1: World’s International tourist arrivals



1. Define international tourists.

Skill level 1	
1	
0	
NR	

2. Identify the pattern of the World’s International tourist arrivals in 2022.

Skill level 1	
1	
0	
NR	

3. State ONE (1) factor that may have caused the decline of international tourism in 2020.

Skill level 1	
1	
0	
NR	

Study **Resource 4.2** and answer questions 4 to 6.

Resource 4.2: Tourism impacts in France

France Tourism Statistics and Analysis

March 10, 2023

It’s no secret that France is a popular destination for travelers around the world. We’ve taken a look into the latest reports and studies to combine the top France tourism statistics for 2023.

Key statistics about tourism in France:

- Since 2020, France has received an average of 77.7 million international visitors each year.
- France is the most visited country in the world
- The most popular destination type for visitors to France was a city, with 29.3% of tourists choosing a city location for their trip
- Disneyland Paris is the most visited attraction in France with 14.8 million yearly visitors.
- France’s travel and tourism market size is expected to reach \$19.69 billion in 2023, this is less than European neighbors Spain (\$25.46 billion) and Germany (\$66.23 billion)

Source: France Tourism Statistics and Analysis (radicalstorage.com)

4. Describe **ONE (1)** factor that may have contributed to the growth of the tourism industry in France.

Skill level 2	
2	
1	
0	
NR	

5. Identify an environmental benefit of tourism to France as a country.

Skill level 1	
1	
0	
NR	

6. Explain **ONE** (1) positive economic effect of tourism to the people of France.

[illegible]

Skill level 3	
3	
2	
1	
0	
NR	

