READING 2 (Items 11-20) **(10 marks)**

Read the text. Then, complete the tasks.

Climate change refers to long-term changes in temperature and weather patterns on Earth. It is mainly caused by human activities that release large amounts of greenhouse gases into the atmosphere. This change does not only affect humans but also has great impacts on different animals like turtles.

For instance, the impacts of climate change severely harm sea turtles, which lay their eggs on beaches. Due to rising sea levels, these beaches are disappearing. This means that sea turtles are losing their nesting places.

Generally, sea turtles need an average temperature of 29 degrees celsius to help eggs hatch safely, and to have equal numbers of male and female turtles. However, the increasing temperature of nesting beaches is affecting gender diversity; cooler sand produces male turtles, while warmer sand produces females. With rising temperatures, scientists predict that there will be more female turtles than males. To solve this issue, scientists at Junquillal Beach built nurseries with cooler temperature to help them grow in equal numbers.

Hot ocean temperatures also have a negative impact on the coral reefs, which are an important food source for sea turtles. Rising sea temperatures have caused coral reefs to bleach, which leads to the death of parts of the corals. This has affected the Caribbean Sea, which has already lost almost 50% of its corals since 2005, because of the high sea temperatures.

To face these challenges, governments started searching for solutions. One effective solution is using renewable energy like solar and wind powers, which can slow down the rate of climate change and reduce its impact on turtle habitats. That is because it reduces the amount of greenhouse gases released into the atmosphere.

Another solution for protecting turtles is creating Marine Protected Areas (MPAs) for sea turtles. These are closed areas where sea turtles can grow and nest safely. It is a way of protecting the turtles' natural habitats.

To end, turtles are not alone in facing the challenges of climate change. Many other animals, from polar bears in the Arctic to coral reefs in the ocean, are also feeling the great impacts of changing climate. It's a global issue that affects various ecosystems and species. People and governments need to work together to protect these animals and their natural habitats to keep the balance of nature.

LIVEWORKSHEETS

Task One: *For each item, write a short answer (**not more than FOUR WORDS**).*

11. What is the main cause of climate change?

_____

12. Why are nesting beaches disappearing?

Because of_____

13. What is the best temperature for turtle eggs to hatch safely?

_____

14. Which turtle gender grows in cooler sands?

_____

15. Where did scientists build cooler nurseries for turtles?

_____

16. What is turtles' main source of food?

_____

Task Two: *For each item, shade in the bubble ⬭ to indicate whether the statement is **True/False**.*

	Statements	True	False
17.	Coral reefs are suffering from a "bleaching" effect due to rising sea temperatures.	⬭	⬭
18.	The Caribbean Sea has lost almost all of its coral reefs since 2005.	⬭	⬭
19.	Solar and wind powers can slow down the rate of climate change.	⬭	⬭
20.	MPAs are unsafe places for sea turtles to nest and grow.	⬭	⬭

READING SCORE	
	20

LIVEWORKSHEETS