

Name _____ Date _____

Instructions: Read each question carefully and choose the best answer.

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| <p>1. Which of the following from the book is a result of an encroaching sea?</p> <ul style="list-style-type: none">Ⓐ rising land in Juneau, AlaskaⒷ the movement of the lighthouse on the Outer Banks, North CarolinaⒸ storm damage to New Orleans, Louisiana, during Hurricane KatrinaⒹ the huge population in Tokyo | <p>2. What can you conclude about the author's feelings about rising sea levels?</p> <ul style="list-style-type: none">Ⓐ The author feels that the rising of sea levels has reached a point where there is nothing to be done but prepare ourselves for disaster.Ⓑ The author feels that the only and best thing for people to do in the face of rising sea levels is to move further away from the ocean.Ⓒ The author feels that if China would create better laws to control pollution, then the rising sea levels would cease.Ⓓ The author feels that rising sea levels are a major threat to humans, but there are still actions we can take to slow the rise. |
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3. What year was the lighthouse on Cape Hatteras moved farther away from the ocean?
 - Ⓐ 1976
 - Ⓑ 1999
 - Ⓒ 1880
 - Ⓓ 2016
4. What conclusion can you draw from the aerial images of Shanghai?
 - Ⓐ The people of Shanghai need to take immediate action to protect their city from rising sea levels.
 - Ⓑ The terrible pollution in Shanghai is the only cause of rising sea levels.
 - Ⓒ Actions taken by Shanghai will have a limited effect on the rest of the world.
 - Ⓓ No matter what actions are taken, Shanghai will eventually be covered by the sea.
5. How do scientists measure sea level rise?
 - Ⓐ They use ancient markers set along shorelines throughout the world.
 - Ⓑ They measure the amount of water that enters a city when it floods.
 - Ⓒ They measure how much sand has disappeared from the shoreline.
 - Ⓓ They track tides and use satellite data.
6. Which of the following is true of **thermal expansion**?
 - Ⓐ a liquid's volume increases when the temperature rises
 - Ⓑ a liquid's volume will increase and then decrease when the temperature rises
 - Ⓒ a liquid's volume remains unaffected when the temperature rises
 - Ⓓ a liquid's volume decreases when the temperature rises

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7. After reading the section "Our Part in the Problem," what can you conclude about rising sea levels?
- Ⓐ Sea levels naturally change over time; however, human impact has contributed greatly to the steady increase.
 - Ⓑ The rising of sea levels is a completely manmade problem.
 - Ⓒ If it weren't for the Industrial Revolution, sea levels would not be rising.
 - Ⓓ Some places on Earth are experiencing lower sea levels, which balances out the rising levels in other parts of the planet.

8. **Managed retreat** refers to _____.
- Ⓐ moving people inland and away from areas that are likely to flood
 - Ⓑ building structures in areas that are likely to flood
 - Ⓒ educating people about rising sea levels and encouraging them to take action
 - Ⓓ creating laws that would help to slow the rise in sea levels
9. What is the effect of humans burning large amounts of coal and oil?
- Ⓐ Earth's temperatures temporarily dropped and then spiked to a new high.
 - Ⓑ Many countries are forbidding cars that run on oil.
 - Ⓒ The gases produced by the burning cause a kind of blanket around Earth, trapping heat inside.
 - Ⓓ The gases produced by the burning are forced down into the seas, causing major pollution.

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10. Read the following sentence from the book: *Sea levels have **fluctuated** naturally over the course of Earth's history — sometimes dramatically.* The word **fluctuated** means _____.

- Ⓐ took the place of something or someone
- Ⓑ limited, restricted, or reduced something
- Ⓒ shifted back and forth or up and down
- Ⓓ created a feeling of wonder or surprise in someone

11. **Extended Response:** Why does the author feel that it is crucial for readers to understand the implications of rising sea levels?

12. **Extended Response:** In what ways have the people of Fiji contributed to the damage caused by rising sea levels?

Quick Check Answer Sheet**Ready for Rising Seas**

Main Comprehension Skill: Make Inferences / Draw Conclusions

1. Ⓑ *Vocabulary*
2. Ⓓ *Author's Point of View*
3. Ⓑ *Sequence Events*
4. Ⓐ *Make Inferences / Draw Conclusion*
5. Ⓓ *Main Idea and Details*
6. Ⓐ *Vocabulary*
7. Ⓐ *Make Inferences / Draw Conclusions*
8. Ⓐ *Main Idea and Details*
9. Ⓒ *Cause and Effect*
10. Ⓒ *Vocabulary*
11. Answers will vary, but students should note that the author wants readers to understand the impact and the urgency of rising seas because, in order to slow the process, people and governments alike need to take immediate action to lower carbon emissions. The author invites readers to consider how they might help to fight rising sea levels.
12. Answers should include the fact that too many people living near the ocean has exposed much of the coast to erosion and deforestation.