Name _____ Date _____

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

1. Why did the author choose the title "Three Brains in One" for the second section?

Ⓐ The brain has three different functions.

Ⓑ The author compares three different brains.

Ⓒ There are three main parts of the brain.

Ⓓ There are three brain hemispheres.

2. How are EEGs and fMRIs similar?

Ⓐ They both measure the size of the brain.

Ⓑ They both measure brain activity.

Ⓒ They both locate a brain injury.

Ⓓ They both stimulate the brain to function.

3. Read this sentence from the text: *If a computer could **decipher** a brain's electrical signals, people might learn to control an artificial limb*. What does the word **decipher** mean?

Ⓐ to fix or repair

Ⓑ to control

Ⓒ to decide

Ⓓ to make out the meaning of something

4. Which part of the brain would be the most useful when trying to complete a math equation?

Ⓐ brain stem

Ⓑ cerebrum

Ⓒ cerebellum

Ⓓ corpus callosum

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5. What happened after Phineas Gage's accident in 1848?

Ⓐ He died from the injury.

Ⓑ He continued living just as he had before his injury.

Ⓒ His eyesight became stronger.

Ⓓ Scientists started to understand brain region functions.

6. The author includes the information on page 15 to persuade you to _____.

Ⓐ keep your brain active

Ⓑ wear a helmet

Ⓒ try skateboarding

Ⓓ study the human brain

7. Which of the following is not a way to keep your brain in top condition?

Ⓐ get mental exercise

Ⓑ get physical exercise

Ⓒ get plenty of sleep

Ⓓ eat plenty of sugar

8. Why does the author call the brain stem the *lizard brain*?

Ⓐ The brain stem does all the same things a lizard's brain stem does.

Ⓑ It is shaped like a lizard.

Ⓒ It is named after a scientist named Lizard.

Ⓓ It sometimes makes a person move like a lizard.

9. Read this sentence: *An EEG measures signals in the brain through* ***electrodes***. What are **electrodes**?

Ⓐ the largest part of the brain

Ⓑ points through which electricity flows

Ⓒ pictures taken of the brain

Ⓓ nerve cells

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10. Which of the following would be considered an opinion?

Ⓐ Everything your body does starts with tiny electrical signals in your brain.

Ⓑ The right side of your brain controls the left side of your body.

Ⓒ In the future, it would be great if people would be able to control other people's brains.

Ⓓ Wearing a helmet during sports helps protect your brain from injury.

11. Extended Response: Explain in your own words why protecting your brain is so important.

12. Extended Response: What do you think brain research will do for humans in the future? Explain.

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Quick Check Answer Sheet

The Amazing Brain

Main Comprehension Skill: Main Idea and Details

1. Ⓒ *Main Idea and Details*
2. Ⓑ *Compare and Contrast*
3. Ⓓ *Vocabulary*
4. Ⓑ *Make Inferences / Draw Conclusions*
5. Ⓓ *Sequence Events*
6. Ⓑ *Author's Purpose*
7. Ⓓ *Main Idea and Details*
8. Ⓐ *Main Idea and Details*
9. Ⓑ *Vocabulary*
10. Ⓒ *Fact or Opinion*
11. Answers will vary but should include information from page 15 of the text.
12. Answers will vary but should include information from the book to draw conclusions or make predictions.

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