

**Name:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Part 1**  
**Vocabulary**

**Circle the best answer to complete each sentence.**

1. Most people think \_\_\_\_ is bad, but when properly managed it can have positive effects on the body and mind.  
A) perception  
B) stress  
C) visualization  
D) involvement
2. Professor Flynn's \_\_\_\_ of expertise is the neuroscience involved with creativity.  
A) major  
B) comprise  
C) stress  
D) area
3. The designer's hard work and dedication played a \_\_\_\_ role in the product's success.  
A) major  
B) somewhat  
C) creative  
D) visual
4. The study was \_\_\_\_ of 85 individuals who had regularly suffered from headaches.  
A) created  
B) involved  
C) dominated  
D) comprised
5. Early intervention is \_\_\_\_ for people with a traumatic brain injury.  
A) major  
B) crucial  
C) intense  
D) stressful

6. The gene for brown eyes is \_\_\_\_ over the gene for blue eyes.
- A) dominant
  - B) major
  - C) stressed
  - D) visual

**Circle the correct word form to complete each sentence.**

7. Success in a new country is often dependent on a person's ability to \_\_\_\_ to changing circumstances.
- A) adapt
  - B) adaptive
  - C) adaptability
  - D) adaptation
8. Neuroscientists used to believe that the left side of the brain was responsible for logic and language and the right side for \_\_\_\_ and intuition.
- A) create
  - B) creative
  - C) creativity
  - D) creation
9. The pain in Edward's shoulder \_\_\_\_ whenever he tried to lift his arm.
- A) intense
  - B) intensify
  - C) intensely
  - D) intensified
10. He described what happened so clearly that it was easy to \_\_\_\_ the event.
- A) visual
  - B) visualize
  - C) visually
  - D) visualization

**Use five of the words in the box to complete the sentences.**

adapts	clarified	comprises	creates
crucial	dominated	intense	involved
perceived	somewhat	stressed	visualize

11. The doctor \_\_\_\_\_ the meaning of *hypotension* as the medical term for low blood pressure.
12. The two-week course is \_\_\_\_\_ less comprehensive than the four-week course, but it is informative nevertheless.
13. Although the brain \_\_\_\_\_ only 2.5 percent of the body's weight, it uses about 20 percent of the body's energy.
14. Last year, Harry was \_\_\_\_\_ in a major car accident and spent six weeks in the hospital.
15. Harvard University is \_\_\_\_\_ to be the best medical school in the United States.

## **Part 2**

### **Listening**

**Listen to the discussion. Circle the best answer to complete each sentence.**

16. The topic of the lecture was \_\_\_\_.  
A) the three brain networks  
B) creativity and the brain  
C) the left brain/right brain theory  
D) "ah-ha" moments
17. We use different parts of our brain in the \_\_\_\_ process.  
A) scientific  
B) network  
C) memory  
D) creative
18. The Salient Network monitors \_\_\_\_ events and internal consciousness.  
A) interesting  
B) past  
C) memorable  
D) external

## Inside Listening and Speaking 3 Unit 7 Assessment

## INSIDE LISTENING AND SPEAKING 3

19. Some people have a \_\_\_\_ network where one is more active than another.
- A) creative
  - B) distracted
  - C) dominant
  - D) relaxed

**Listen to the discussion again. As you listen, complete the Cornell Method notes.**

Section A	Section B
What is creativity?	• Creativity is associated with artistic ability (e.g. painting + music), math, comp. programming + business. Involves more than 1 region of (20.) _____.
What are the 3 brain (21.) _____?	• 3 networks = - <u>Executive Attention Network</u> → working memory, focusing on task e.g. listening to lecture - (22.) _____ Network → thinking about future, social interaction, considering other people's thoughts + perspectives - <u>Salience Network</u> → ext. events + int. consciousness; brain prioritizes what's most important
What is a distraction?	• (23.) _____ → doing something else besides task (e.g. walking, driving)
What is dopamine?	• dopamine → (24.) _____ released in brain that makes us relaxed/happy
What is an "ah-ha" moment?	• "ah-ha" moment = when ideas, insights + solutions pop into head like magic
<b>Section C</b> Creativity = interaction between of neurons across both hemispheres of brain. The 3 networks → Executive Attention, Imagination + Salient Networks. All involved in process of (25.) _____. Dopamine + distraction = creativity + "ah-ha" moments.	

**Look at the chart about asking for and giving clarification. Match the question with the response. Write the letter on the line.**

<b>Asking for Clarification</b>	<b>Giving Clarification</b>
___ 26. Dr. Flynn said the left brain/right brain theory is a myth and that the brain doesn't work that way, right?	A. For example, paying attention during on a neuroscience lecture.
___ 27. She said that creativity is not just associated with artistic ability. What did she mean by that?	B. I think she meant those moments when an idea, insight, or solution to a problem suddenly pops into our head.
___ 28. She listed three networks, but I only wrote down two. Did you get the other one?	C. I wrote down that neuroscientists have conducted studies on the brain and creativity, and concluded that the theory is untrue.
___ 29. What's an example of the Executive Attention Network?	D. I think she meant that creativity is crucial in other fields too, such as mathematics, computer programming, and business.
___ 30. Did you understand what she was saying about "ah-ha" moments?	E. I think the third one is the Salience Network.

### **Part 3**

#### **Speaking**

**Write notes for a two-minute speech about an "ah-ha" moment. Then present your speech to the class.**

- Think about an "ah-ha" moment you have experienced.
- When and where did it occur?
- What idea did you have or what problem did you solve?