

# 國立彰化師範大學八十九學年度博士班招生考試試題

系所：各系所

科目：英文

☆☆請在答案紙上作答☆☆

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I. Please complete the following passage by selecting the best answer from the four choices in each item. 20%

The complexity of human communication makes language teaching one of the greatest challenges in education. The cognitive difficulty of questions 1 by many contextual, affective, and interpersonal factors, 2 subject matter of discussions and readings, the relationships 3 individuals in the class, the assumptions they can 4 about each other's background and knowledge, their goals 5 those of the program, and other variables. 6, questions within classroom interaction can be restated, revised, and clarified. But it should never be necessary to abandon a question because students do not understand, 7 misunderstandings present opportunities for learning. Teachers should challenge students' cognitive abilities as well as 8 command of the language. 9 when students move from lack of knowledge to understanding that language acquisition takes place. By being 10 the cognitive complexity of the questions they ask, teachers can better assess the complexity of the challenges their questions present to students, and so can better determine how to help students meet those challenges.

1. A) affects    B) will be affected    C) is affected    D) has affected
2. A) including    B) included    C) includes    D) is included
3. A) with    B) to    C) for    D) among
4. A) take    B) make    C) get    D) work
5. A) as well as    B) to be with    C) so as to    D) as few as
6. A) However    B) Surprisingly    C) Therefore    D) Fortunately
7. A) though    B) when    C) for    D) since
8. A) that    B) the    C) his    D) their
9. A) It is    B) But    C) However    D) That is
10. A) together with    B) aware of    C) insisted in    D) combined with

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II. Please complete the following passage by selecting the best answer from the four choices in each item. 20%

Pickle was a goofy cat, but Sandra loved him. He would often climb trees and \_\_1\_\_ jump on her as she walked \_\_2\_\_. Sometimes he would hop in the \_\_3\_\_ with her. Of course once he \_\_4\_\_ the water, he would hop right \_\_5\_\_ again with a howl. Sandra and Pickle \_\_6\_\_ every afternoon together. Then one day Pickle \_\_7\_\_. Sandra's parents told her he might \_\_8\_\_ to Hollywood to make movies. But Sandra \_\_9\_\_ better. For weeks she had bad \_\_10\_\_ and would cry in her sleep. Pickle never did come back.

1. A) therefore B) so C) never D) then
2. A) slowly B) over C) below D) quickly
3. A) bathtub B) table C) sink D) room
4. A) touched B) tasted C) got D) washed
5. A) into B) out C) beneath D) over
6. A) took B) slept C) spent D) passed
7. A) died B) disappeared C) cried D) climbed
8. A) make it B) be caught C) run away D) have gone
9. A) knew B) was C) got D) became
10. A) phone calls B) memory C) time D) dreams

**III. Reading Comprehension:** There are three passages for your reading. Choose the best answer for each question, based on each passage. 30%

Niagara Falls, one of the most famous North American natural wonders, has long been a popular tourist destination. Tourists today flock to see the two falls that actually constitute Niagara Falls: the 173-foot-high Horseshoe Falls on the Canadian side of the Niagara River in the Canadian province of Ontario and the 182-foot-high American Falls on the U.S. side of the river in the state of New York. Approximately 85 percent of the water that goes over the falls actually goes over Horseshoe Falls, with the rest going over American Falls.

Most visitors come between April and October, and it is quite a popular activity to take a steamer out onto the river and right up to the base of the falls for a close-up view. It is also possible to get a spectacular view of the falls from the strategic locations along the Niagara River, such as Prospect Point or Table Rock, or from one of the four observation towers which have heights up to 500 feet.

Tourists have been visiting Niagara Falls in large numbers since the 1800's; annual visitation now averages above 10 million visitors per year. Because of concern that all these tourists would inadvertently destroy the natural beauty of this scenic wonder, the State of New York in 1885 created Niagara Falls Park in order to protect the land surrounding American Falls. A year later Canada created Queen Victoria Park on the Canadian side of the Niagara, around Horseshoe Falls. With the area surrounding the falls under the jurisdiction of government agencies, appropriate steps could be taken to preserve the pristine beauty of the areas.

1. What is the major point that the author is making in this passage?

- (A) Niagara Falls can be viewed from either the American side or the Canadian side.
- (B) A trip to the U.S. isn't complete without a visit to Niagara Falls.
- (C) Niagara Falls has had an interesting history.
- (D) It has been necessary to protect Niagara Falls from the many tourists who go there.

2. According to the passage, which of the following best describes Niagara Falls?

- (A) Niagara Falls consists of two rivers, one Canadian and the other American.
- (B) American Falls is considerably higher than Horseshoe Falls.
- (C) The Niagara River has two falls, one in Canada and one in the U.S.
- (D) Although the Niagara River flows through the U.S. and Canada, the falls are only in the U.S.

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3. The passage implies that tourists prefer to

- (A) visit Niagara Falls during warmer weather
- (B) see the falls from a great distance
- (C) take a ride over the falls
- (D) come to Niagara Falls for a winter vacation.

4. According to the passage, why was Niagara Park created?

- (A) To encourage tourists to visit Niagara Falls.
- (B) To show off the natural beauty of Niagara Falls.
- (C) To protect the area around Niagara Falls.
- (D) To force Canada to open Queen Victoria Park.

5. The paragraph following the passage most probably discusses

- (A) additional ways to observe the falls
- (B) steps taken by government agencies to protect the falls
- (C) a detailed description of the division of the falls between the U.S. and Canada
- (D) further problems that are destroying the area around the falls.

The human brain, with an average weight of fourteen kilograms, is the control center of the body. It receives information from the senses, processes the information, and rapidly sends out responses; it also stores the information that is the source of human thoughts and feelings. Each of the three main parts of the brain—the cerebrum, the cerebellum, and the brain stem—has its own role in carrying out these functions.

The cerebrum is by far the largest of the three parts, taking up 85 percent of the brain by weight. The outside layer of the cerebrum, the cerebral cortex, is a grooved and bumpy surface covering the nerve cells beneath. The various sections of the cerebrum are the sensory cortex, which is responsible for receiving and decoding sensory messages from throughout the body; the motor cortex, which sends action instructions to the skeletal muscles; and the association cortex, which receives, monitors, and processes information. It is in the association cortex that the processes that allow humans to think take place.

The cerebellum, located below the cerebrum in the back part of the skull, is made of masses of bunched up nerve cells. It is the cerebellum that controls human balance, coordination, and posture.

The brain stem, which connects the cerebrum and the spinal cord, controls various body processes such as breathing and heartbeat. It is the major motor and sensory pathway connecting the body and the cerebrum.

6. What is the author's main purpose?
- (A) To describe the functions of the parts of the brain.
  - (B) To explain how the brain processes information.
  - (C) To demonstrate the physical composition of the brain.
  - (D) To give examples of human body functions.
7. The passage states that the most massive part of the brain is the
- (A) cerebrum
  - (B) cerebellum
  - (C) cerebral cortex
  - (D) brain stem
8. The sensory cortex
- (A) senses that messages should be sent out to the muscles
  - (B) provides a surface covering for nerve cells
  - (C) is where the human process of thinking occurs
  - (D) receives and processes information from the senses.
9. Which of the following is true about the cerebellum?
- (A) It is located above the cerebrum.
  - (B) It controls breathing.
  - (C) It is responsible for balance.
  - (D) It is the outside layer of the cerebrum.
10. What shape does the brain stem most likely have?
- (A) Small and round.
  - (B) Long and thin.
  - (C) Large and formless.
  - (D) Short and flat.

Fog occurs when moisture from the surface of the Earth evaporates; as this evaporated moisture moves upward, it cools and condenses into the familiar phenomenon of fog. Fog differs from clouds in that fog touches the surface of the Earth, while clouds do not.

On the two types of fog, advection fog occurs along the ocean coast or near rivers and lakes. This type of fast-moving fog, which may cover vast areas, occurs when the temperature of the wind blowing over a body of water differs from the temperature of

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the body of water itself. This kind of fog can occur when warm air moves over a cold surface of water; this commonly occurs along the ocean coastline or along the shores of large lakes. Advection fog can also occur when cooler air moves over the surface of warmer water; this is very common in the winter in an area such as Florida, where the temperature of the lakes is quite warm in relation to the temperature of the air.

Radiation fog, quite different from advection fog, is immobile, cloudlike moisture generally found hovering over wintertime valleys. It occurs on clear nights when the Earth's warmth escapes into the upper atmosphere; the ground gives off heat through radiation. As the land becomes cooler, the air above it also becomes cooler. This cooler air is unable to hold as much water vapor as it had when it was warmer; in this manner fog is created.

11. According to the passage, fog is formed when wetness in the air is.
  - (A) vaporized
  - (B) cooled
  - (C) dampened
  - (D) heated
  
12. According to the passage, advection fog is found
  - (A) in valleys
  - (B) in the ocean
  - (C) near bodies of water
  - (D) only in small, enclosed areas.
  
13. In the passage, radiation fog is said to be
  - (A) similar to advection fog
  - (B) found in coastal areas
  - (C) fast-moving
  - (D) trapped moisture hanging over inland valleys.
  
14. According to the passage, which of the following statements about fog is NOT true?
  - (A) Advection fog occurs when the cooled atmosphere meets with heat from the Earth.
  - (B) Advection fog generally moves quickly across vast areas of land.
  - (C) Radiation fog often starts on clear nights.
  - (D) Radiation fog is the type of fog that occurs in small valleys on clear nights.

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15. The author's purpose in this passage is to
- (A) explain the different types of fog
  - (B) describe where different types of fog are found
  - (C) discuss advection fog
  - (D) give a scientific description of various types of precipitation.

## IV. English Composition 30%

There are two main trends in the history of education; one is the generalist approach, the other is the specialist approach. Specialists develop skills in one area; generalists follow a liberal arts education. With the emergence of the technological age, it has become increasingly difficult to be a knowledgeable person. There is too much information to know something about everything. What, you think, should an educated person be in the twenty-first century? Should educators like you employ the generalist approach or the specialist approach to prepare our students for the challenges of the twenty-first century? Why?

(Write a 200-word English composition to express your opinions.)