

●不可使用電子計算機

一、詞句測驗：(每題 3 分，共 30 分)

- () 1. Only after I had arrived at the supermarket _____ that I had forgotten to take my purse with me.
(A) I had realized (B) I realized (C) have I realized (D) did I realize
- () 2. Long exposure to second-hand smoke can be _____ to anyone, particularly those who have never smoked before.
(A) detrimental (B) sentimental (C) meticulous (D) redundant
- () 3. Being a good speaker involves much more than just the ability to speak. Your body language also _____.
(A) calculates (B) counts (C) accumulates (D) ferments
- () 4. Albert Einstein was thought highly of for being the first scientist to _____ the theory of relativity.
(A) make up for (B) come up with (C) hang up on (D) take up
- () 5. The candidate kept talking even though there was hardly _____ left except for a few staff members, who were busy cleaning up.
(A) someone (B) no one (C) anyone (D) others
- () 6. Soon after the outbreak of SARS, all the patients in the hospital were quarantined _____ they would not spread the virus which they might carry.
(A) lest (B) unless (C) in case (D) so that
- () 7. I haven't the foggiest idea _____ the moment I arrived yesterday afternoon.
(A) what were they doing (B) what have they done (C) what they were doing (D) what they have done
- () 8. The name Nebraska comes from the Oto Indian word "nebrathka," _____ flat water.
(A) to mean (B) meaning (C) it means (D) which mean
- () 9. John's grandmother did not approve of _____ to Japan on his graduation trip alone.
(A) his going (B) he went (C) he would go (D) his gone
- () 10. Obviously the picture on the wall over there is _____ upside down; I need somebody to do something about it immediately.
(A) hung (B) hanged (C) hang (D) to hang

二、克漏字測驗：(每題 3 分，共 30 分)

There are over 500 species of carnivorous plants that inhabit the earth. But the Venus flytrap is probably the most well-known. The Venus flytrap resides only in a small area in the United States, (1) the climate is warm and wet. The "trap" on the plant is actually two leaves that have small spikes that look like teeth. Inside the trap (2) a sweet liquid and (3) hairs. When an insect touches at least two hairs within 20 seconds, the trap will close. Depending on the insect's size, it may (4) several hours to weeks to digest the creature. There are very few Venus flytraps left in the wild; (5), they are protected by the government. Today, the best place to see one is a flower shop.

- () 1. (A) how (B) where (C) when (D) which
- () 2. (A) have (B) are (C) has (D) is
- () 3. (A) plump (B) swift (C) robust (D) tiny
- () 4. (A) take (B) cost (C) spend (D) get
- () 5. (A) specifically (B) additionally (C) consequently (D) generally

Scientists are now studying a new field of research called psychoimmunology. It is based (6) the idea that people who are depressed or have a lot of stress (7) more likely to become sick. Researchers have recently found a connection between diseases and stressful situations. To test this theory, psychoimmunologists are trying to find a link between the brain and the immune system.

The immune system in our bodies fights the bacteria and viruses which cause disease. Therefore, (8) we are likely to get various diseases or not depends on how well our immune system works. Biologists used to think that the immune system was a separate, independent part of our bodies. Recently, (9), they have found that our brain can (10) our immune system.

- () 6. (A) with (B) in (C) on (D) to
- () 7. (A) is (B) are (C) being (D) to be

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- () 8. (A) that (B) whether (C) what (D) why
 () 9. (A) besides (B) consequently (C) therefore (D) however
 () 10. (A) affect (B) blind (C) inspire (D) enlarge

三、閱讀測驗：(每題 4 分，共 20 分)

Space holds many secrets, and one of them is Black Holes. Black Holes cannot actually be seen; therefore, scientists have to detect them indirectly. This is achieved by watching the changes in the movement of stars and planets in the area surrounding a suspected Black Hole.

A Black Hole is created when a star disintegrates in a massive blast into something called a supernova. There is no air in space, so instead of exploding, the star implodes on itself, sucking in everything that's close to it. The suction is so strong that even the star's own light is sucked back into it. That's why it's called a Black Hole.

If you look at a single atom through a powerful microscope, you'll see that there is space between the different particles inside the atom. Stars are made of millions of atoms that stick together in the forms of gas and dust. When a star implodes on itself, the suction of the implosion causes these spaces inside the atoms to become smaller. Because this happens to all the atoms, the entire star can shrink to an object no bigger than a football or thereabouts, but with a density that gives it a weight 20 times bigger than the Earth's sun!

- () 1. What do you call it when a star implodes?
 (A) A supernova. (B) An explosion. (C) A superstar. (D) An extrovert.
 () 2. What exists between the different particles inside an atom?
 (A) Space. (B) Gas. (C) Dust. (D) Electricity.

Less than 4,000 gorillas are left in the world and consequently they are one of the most endangered species on earth. Due to their intimidating features--the large nose, oversized hands, and weight of up to 200 kg--they have no predators. They have only one enemy--human beings.

Industrialization is the biggest threat to this creature as population growth has pushed the gorilla deeper into the jungle. Gorillas are typically found in tropical rainforest areas such as Nigeria, Cameroon and the Congo. The gorilla is a member of the primate family and has five distinct features. They have visual depth perception, flat nails instead of claws and can grasp things with their hands. They also have a larger brain than other animals and consequently a higher level of intelligence. Lastly, they nurture their young quite extensively as infants stay with their mothers for the first 3-4 years of their lives.

While gorillas appear to be fierce, they are actually private animals with strong feelings and a good memory. They live in "troops" of 4 to 20 gorillas consisting of several females and a silverback male that is the leader of the group. Gorillas may be one of man's closest cousins and now, only man can help save them.

- () 3. Gorillas are endangered species because
 (A) they have no predators. (B) they cause pollution.
 (C) there are less than 4,000 left in the world. (D) they live in natural rainforests.
 () 4. The natural habitat of gorillas is
 (A) the rainforest. (B) the prairie.
 (C) the desert. (D) industrialized cities.
 () 5. One unique feature of the gorilla is
 (A) the gorilla has claws. (B) a high level of intelligence.
 (C) they stand on two feet. (D) their infants live for 3-4 years.

四、翻譯：(每題 10 分，共 20 分)

1. (中翻英) 旅居國外是件很刺激的事，但有時候也會是個痛苦的經驗。
 2. (英翻中) A large eruption or explosion has more power than hundreds of nuclear bombs. Earthquakes often precede these massive explosions, though sometimes there is little warning.