

系所組別： 認知科學研究所

考試科目： 英文閱讀測驗

考試日期： 0308，節次： 4

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 For each question, choose the best answer.

每題五分。

## Passage 1

Have you ever wondered whether fish drink or not? All living things must drink, and they require a fresh supply of water often. A person can go without food for many days, but he or she cannot go for long without water. Fish drink, and fish that live in salt water must drink salt water. However, when we watch them in an aquarium and see them opening and closing their mouths, we must not assume that they are drinking. Fishes need water for its oxygen. The water that they seem to be gulping gives them oxygen, which is in the water. On the other hand, when a fish drinks, it swallows water, just in the way we do.

1. It is stated in the passage that a fish opens and closes its mouth .....
  - A. in order to get oxygen
  - B. so as to gulp
  - C. to drink to stay alive
  - D. to swim in an aquarium.
  - E. so that it can suffice salt
2. We are informed by the passage that a person .....
  - A. can live for a long time without water
  - B. can live for a long time without food
  - C. has no need for food and water
  - D. has no need for a fresh supply of water
  - E. does need water to get oxygen
3. When a fish drinks water, .....
  - A. it requires fresh water
  - B. it swallows water just like us
  - C. it requires salt water
  - D. it drinks water for its oxygen
  - E. it stays motionless for a while to swallow

## Passage 2

Research suggests that there are creatures that do not know what light means at the bottom of the sea. They don't have either eyes or ears; they can only feel. There is no day or night for them. There are no winters, no summers, no sun, no moon, and no stars. It is as if a child spent its life in darkness in bed, with nothing to see or hear. How different our own life is! Sight shows us the ground beneath our feet and the heavens above us - the sun, moon, and stars, shooting stars, lightning, and the sunset. It shows us day and night. We are able to hear voices, the sound of the sea, and music. We feel, we taste, and we smell. How fortunate we are!

4. Judging from the passage, we can say that this story is mainly about .....
  - A. life of sea creatures at the bottom of the sea
  - B. how changes in the seasons are perceived by the deep-sea creatures
  - C. how wonderful our lives were and will be
  - D. the differences among creatures of the earth and those of the sea
  - E. the superiority of human beings over some creatures in terms of senses
5. We discover that the sea creatures in the story .....
  - A. have the same senses that we do
  - B. have no sense of hearing as well as sight
  - C. hear the sounds of the ocean
  - D. live in darkness because no light reaches to the bottom
  - E. do not hear the sound of sea as they are accustomed to it

(背面仍有題目,請繼續作答)

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6. In the passage a child in darkness is likened to .....

- A. someone who lives where there are no seasons
- B. an animal without the sense of touch
- C. a sea creature with no seeing or hearing ability
- D. a deaf child unaffected by the environment
- E. a perfect sleeper, for there is no sound around to hear

**Passage 3**

Official records state that the Pueblo Indians lived in New Mexico and Arizona. The word "Pueblo" comes from the Spanish word "pueblo," meaning town or village. The Spaniards found these Indians living in apartment houses, some of them on the side of a cliff in order that they could be reached only by ladders. Whenever they were attacked by Apaches, the Pueblos would pull up the ladders. They grew corn, which they watered with water flowing down in ditches. They wove cloth, made wonderful baskets, and created jars and pots out of clay proving how skilful they were at hand-craft.

7. From the passage we understand that the Pueblo Indians were afraid of .....

- A. cliff dwelling
- B. Apache Indians
- C. apartment houses
- D. water flowing down in ditches
- E. solitary life

8. Why the Spaniards called these Indians "Pueblos" is because they .....

- A. were close to the Apaches
- B. lived together in a town or village
- C. farmed and brought down water in ditches
- D. pulled up their ladders when attacked
- E. achieved fame thanks to their hand-craft

9. The Pueblo Indians lived on the side of a cliff .....

- A. although they had apartment houses
- B. to observe the stars in the sky for rain season
- C. so that they could provide themselves with shelters
- D. and, they didn't have a lake, a stream, or a pond
- E. as long as they were all together

**Passage 4**

The world's nuclear plants have accumulated vast stocks of highly radioactive waste. Worldwide, high-level waste is currently stored above ground, and no government has a clear policy on its eventual disposal. While most experts believe that burying the waste is the safest bet in the long term, the problem is finding sites that everyone can agree are geologically stable. Decaying radioactive isotopes release heat. As a result, high-level waste must be constantly cooled; otherwise, it becomes dangerously hot. This is why many experts want to store waste above ground until it has decayed and is cool enough to be stored safely in sealed repositories several hundreds of meters below ground. According to one recent theory, however, waste should be lowered down boreholes drilled to 4 kilometers. The trick is to exploit heat generated by the waste to fuse the surrounding rock and contain any leaking radioactivity.

10. It is clear from the passage that the safe disposal of radioactive waste .....

- A. has been satisfactorily dealt with by scientists in conjunction with governments
- B. is a problem that each government must decide on for its own country
- C. remains a global problem of great magnitude
- D. is a problem that has not attracted enough attention
- E. will in all likelihood soon be resolved, and a clear policy agreed on by concerned governments

11. As it is pointed out in the passage, many experts are of the opinion that radioactive waste .....

- A. should never be stored underground as it can not then be monitored

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- B. should not be stored underground while the radioactive isotopes continue to let off substantial amounts of heat  
 C. does not require to be cooled when stored above ground  
 D. cannot be safely disposed of anywhere and the problem of what to do with it intensifies as the amount increases  
 E. can be safely left to cool down underground in sealed repositories
12. The passage describes a new method, still only a theoretical one, for the disposal of radioactive waste, ----- .  
 A. which uses bore holes so that all sites are suitable  
 B. at a depth considerably less than that normally recommended but the chosen site must meet certain geological requirements  
 C. which, unfortunately, increases the time needed for cooling the waste before final disposal  
 D. in which the radioactive isotopes are prevented from releasing heat  
 E. whereby the heat produced by that waste will serve to seal it safety into the rock under which it has been buried

**Passage 5**

Any criminal justice system is an apparatus that society uses to enforce the standards of conduct necessary to protect individuals and the community. It operates by apprehending, prosecuting, convicting, sentencing these members of the community who violate the basic rules of group existence. The action taken against lawbreakers is designed to serve three purposes beyond the immediately punitive one. It removes dangerous people from the community; it deters others from criminal behavior and it gives society an opportunity to attempt to transform lawbreakers into law-abiding citizens.

13. We understand from the passage that the basic aim of criminal justice is ----- .  
 A. the protection of society and its individuals  
 B. to define socially acceptable behavior  
 C. to educate lawbreakers  
 D. the violation of the law  
 E. to renew, as necessary, the traditions and customs of society
14. According to the passage, prosecution is ----- .  
 A. a process which follows conviction  
 B. concerned with the transformation of criminal justice  
 C. not to be considered a vital part of the criminal justice system  
 D. actually the removal of lawbreakers from the community  
 E. one of the stages in the operation of criminal justice
15. It is pointed out in the passage that one of the effects of the criminal justice system is to ----- .  
 A. give guidelines for group existence  
 B. discourage crime  
 C. prevent the enforcement of capital punishment  
 D. take immediate action against the community  
 E. investigate the reasons behind criminal behavior

**Passage 6**

Recently, Israeli aircraft struck more than 30 targets before dawn, and constant explosions continued after first light. Friday's deaths in Gaza pushed the Palestinian death toll to more than 760 in the two-week-old conflict, with at least half of them civilians, according to Gaza health officials. Thirteen Israelis have died. In Israel's first official response to the U.N. Security Council resolution, Prime Minister Ehud Olmert's office said Israel "has never agreed to let an external body decide its right to protect the security of its citizens." The military "will continue acting to protect Israeli citizens and will carry out the missions it was given," the statement read. The rockets fell in Israel on Friday "only prove that the U.N.'s decision is not practical and will not be kept in practice by the Palestinian murder organizations." Despite the devastating offensive, Hamas continued to bombard residents of southern Israel. Rockets hit Friday morning across southern Israel, including in and around Beersheba and Ashkelon, which — like other cities within rocket range of Gaza — have largely been paralyzed since the fighting began. The U.N. Security Council resolution was approved

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Thursday night by a 14-0 vote, with the United States abstaining. The resolution "stresses the urgency of and calls for an immediate, durable and fully respected cease-fire, leading to the full withdrawal of Israeli forces from Gaza." (From Yahoo! News article by Friedman and Barzak. 1/9/2009)

16. What is the above passage mainly about?

- A. Israel is not being cooperative in helping maintain world peace.
- B. Israel attacked Palestine because Palestine didn't obey the treaty signed.
- C. Israel attacks Palestine and refuses to let the U.N. intervene.
- D. The U.N.'s way of resolving the problem between Israel and Palestine is not practical.

17. Judging on the passage, how is the U.N. reacting to this problem?

- A. Fiercely and forcibly
- B. Passively
- C. Actively
- D. Uncertainly and with hesitation

18. According to the passage, how did Israel decide to respond to the U.N.'s resolution?

- A. Ignore the resolution because Israel thinks the U.N. is leaning toward Palestine.
- B. Ignore the resolution because Israel thinks the resolution is not practical.
- C. Take the resolution into consideration and will think about ceasing fire.
- D. Accept the resolution under the conditions Israel listed for Palestine.

### Passage 7

State health officials are warning against possible Salmonella contamination in a brand of peanut butter used in large eateries such as restaurants and cafeterias. The bacteria were found in a 5-pound container of King Nut brand creamy peanut butter during preliminary lab testing by the Minnesota Department of Health. The product is distributed throughout Minnesota to long-term care facilities, hospitals, schools, universities, restaurants, delis, cafeterias, and bakeries. The brand is not known to be sold in supermarkets or grocery stores. Salmonella can cause abdominal cramps, diarrhea, and fever. Those with symptoms should contact their doctor. The lab results relating to King Nut have not yet been linked to a national outbreak of Salmonella that has affected nearly 400 people in 42 states, including Minnesota. But state officials said an investigation implicated King Nut as "a likely source" of Minnesota's Salmonella infections, which have the same genetic fingerprint as the national cases. (From Pioneer Press)

19. What was the author trying to express?

- A. Salmonella found in King Nut peanut butter could be one of the sources of Minnesota Salmonella infections.
- B. Salmonella is a dangerous bacterium and those who infected the bacterium should take immediate action and go to hospitals.
- C. King Nut should be banned because it has been contaminated with Salmonella.
- D. The lab results have found that King Nut could be the source that had led to the national outbreak of Salmonella.

20. What was the author's tone?

- A. Objective.
- B. Criticizing.
- C. Emotional.
- D. Professional and technical.