I. Choose the most appropriate answer. 30%

1. Data can be ______ indirectly without your knowledge.
   A. gathered  B. send  C. collect  D. forward

2. When shopping online, be very careful about ______ your credit card number.
   A. show  B. revealing  C. appearing  D. give

3. To remain ______, you may want to use a nickname for your screen name.
   A. quietly  B. known  C. anonymous  D. abound

4. Spain are younger than us, but we have more ______.
   A. players  B. experience  C. ground  D. choose

5. A team that performs magic gets anything done with ______.
   A. difficult  B. ease  C. challenged  D. hardship

6. Salmon have been known to ______ up waterfalls as high as eleven feet in their journey to the places where they spawn.
   A. lower  B. swim  C. leap  D. go

7. Ghana has not played Brazil at the senior level of world soccer, but the two countries have met at the ______ level several times.
   A. junior  B. little  C. adult  D. universal

8. They know how to control the balls, but they also have ______ spots, which we will try to exploit.
   A. beautiful  B. weak  C. nice  D. mental

9. On Sunday, mountain bikes ______ the bear in woods and watched as it swam away through a lake.
   A. appeared  B. counter  C. encountered  D. attack

10. Cellphone signals excite brain, but may not be ______.
    A. useful  B. clear  C. careful  D. harmful

11. The ______ record was 22 red cards in all 64 matches in the 1998 World Cup in France.
    A. before  B. start  C. magic  D. previous

12. If the country’s interests are attacked, we will use oil as a ______.
    A. fuel  B. gas  C. diesel  D. weapon

13. In currency trading, the U.S. dollar fell ______ both the Japanese yen and the euro.
    A. against  B. toward  C. higher  D. hard

14. A mammal with an armorlike hide, the armadillo survives ______ on a diet of insects.
    A. most  B. chiefly  C. main  D. about

15. The culture war ______ the lives of all Americans.
    A. affection  B. effect  C. affects  D. effective
II. Reading comprehension 40%

The search for alternative sources of energy has led in various directions. Many communities are burning garbage and other biological waste products to produce electricity. Converting waste products to gases or oil is also an efficient way to dispose of wastes.

Experimental work is being done to derive synthetic fuels from coal, oil shale, and coal tars. But to date, that process has proven expensive. Other experiments are underway to harness power with giant windmills. Geothermal power, heat from the earth, is also being tested.

Some experts expect utility companies to revive hydroelectric power derived from streams and rivers. Fifty years ago hydroelectric power provided one third of the electricity used in the United States, but today it supplies only 4 percent. The oceans are another potential source of energy. Scientists are studying ways to convert the energy of ocean currents, tides, and waves to electricity. Experiments are also underway to make use of temperature differences in ocean water to produce energy.

1. Which is the best title for the passage?
   A. The Use of Water Products for Energy
   B. The Search for Alternative Sources of Energy
   C. Efficient Ways of Disposing of Waste
   D. New Discoveries in Geothermal Power

2. Fifty years ago one third of the electricity in the United States was provided by
   A. wind  B. water  C. waste products  D. oil

3. Which of the following is NOT mentioned in the passage as an alternative source of energy?
   A. Burning of garbage  B. Synthetic fuels  C. Electricity  D. Geothermal power

4. According to the author, the impracticability of using coal, oil shale and coal tars as sources of energy is due to
   A. their being time consuming  B. the scarcity of sources
   C. the lack of technology  D. their being money consuming

5. What can be inferred from the last paragraph?
   A. Alternative energy will come from a variety of sources.
   B. All alternative production of energy will be derived from water.
   C. Hydroelectric power will be the main source of energy.
   D. Synthetic fuels will be the principal source of alternative energy.

Why doesn’t bird flu spread easily between people? Scientists think they’ve found a reason.

The virus prefers to infect cells in the lung instead of areas like the nose and windpipe, so it’s not easily coughed or sneezed out into the air, new research says.
But that behavior could change if the virus mutates. Experts say the new research doesn’t indicate how likely the virus is to change genetically and unleash a worldwide outbreak of lethal flu. However, the work suggests one of the signs to watch for in new virus samples to help gauge the danger to humans.

The work, reported in Thursday’s issue of the journal Nature, comes from University of Wisconsin-Madison virologist Yoshihiro Kawaoka with colleagues in Japan. Similar results, from the Erasmus Medical Center in Rotterdam, the Netherlands, will be published online Thursday by the journal Science.

More than 180 people are known to have been infected with the bird flu virus H5N1. Virtually all are believed to have caught it from infected poultry. But scientists have long warned that the virus, which is prone to mutation, could transform itself into a version that spreads easily from person to person. That germ could touch off a pandemic.

Ordinary flu viruses spread when an infected person coughs or sneezes, blasting out tiny droplets carrying the germ. For that to happen, the virus has to be perched in the right places to be ejected by a cough or sneeze. The new work suggests H5N1, by contrast, infects humans too low in the respiratory tract for that occur.

Both research teams used human tissue removed from various parts of the respiratory tract—the region from the nose to the lung—to study where virus infection occurs.

6. What is the best meaning for the underlined word lethal?  
   A. fatal  B. poison  C. unharmed  D. injure

7. The underlined phrase is prone to means  
   A. prove  B. likely  C. unlikely  D. dislike

8. The underlined phrase touch off means  
   A. slow  B. remove  C. set off  D. increase

9. The underlined word perched means  
   A. move  B. change  C. exchange  D. stayed

10. According to article, which of the following statements is true?  
   A. Bird flu spreads easily between people.  
   B. We shouldn’t worry too much about the bird flu.  
   C. Bird flu virus prefers to infect cells in the nose.  
   D. Almost all of the people who have been infected with the bird flu are believed to have caught it from infected birds.

III. Essay question 30%

Define “reading for pleasure” and “reading for learning”. How do you read for pleasure? How do you read for learning?