

國立新竹女子高級中學 100 學年度第 1 學期第 2 次教師甄選

英文科筆試試題—選擇題部分

I. 選擇題 (20\*1)

1. \_\_\_\_\_ trees shed or lose all their leaves at a certain time of the year, while evergreen trees keep their leaves all year round.  
(A) Contiguous (B) Perfidious (C) Decisive (D) Deciduous
2. According to the \_\_\_\_\_ laws, the greater the demand, the higher the price. It's all about supply and demand.  
(A) economic (B) economy (C) economical (D) economist
3. Dr. Camellia knows how to create a positive classroom atmosphere every well, so she always starts her lecture by asking \_\_\_\_\_ questions to arouse her students' curiosity.  
(A) strenuous (B) intriguing (C) conscientious (D) abusive
4. The representatives of the franchiser claimed that their company has been involved in the food industry for nearly a century and accordingly has considerable \_\_\_\_\_ to help people start their own business.  
(A) experiment (B) expertise (C) precision (D) experientialist
5. Although the possibility of traveling forward into the future or back into the past is still under debate by scientists, time travel has long \_\_\_\_\_ science fiction writers and has been a common topic in their novels.  
(A) contradicted (B) scribbled (C) detracted (D) fascinated
6. Ever since the war broke out, the countries involved all plunged into a(n) \_\_\_\_\_ of economic ruin.  
(A) evacuation (B) gimmick (C) hoard (D) abyss
7. With the proper physical fitness \_\_\_\_\_ and doing regular **exercises** as religiously as ever is the most important aspect of getting those sculptured muscles.  
(A) regimen (B) regiment (C) region (D) regicide
8. The nation's elite sends their children to boarding schools in the tradition of the British \_\_\_\_\_.  
(A) astrology (B) aristocracy (C) arithmetic (D) bureaucracy
9. Toxic chemicals may \_\_\_\_\_ the soil, threatening the environment.  
(A) emit (B) compensate (C) permeate (D) duplicate
10. School buildings have \_\_\_\_\_ to the point where they pose a threat to both students and teachers.  
(A) salvaged (B) coddled (C) deteriorated (D) derided
11. Newton's \_\_\_\_\_ idea of 1666 was to imagine that the Earth's gravity influenced the Moon, counter- balancing its centrifugal force. No other scientist had raised this thought before.  
(A) plain (B) novel (C) keen (D) sharp

12. It is against nature for us to \_\_\_\_\_ the responsibility of taking care of our parents when they are old.

- (A) bear                      (B) shoulder                      (C) burden                      (D) shirk

13. If you \_\_\_\_\_ doubts about others, there is no way you can love others, forgive others, or believe in others.

- (A) clear                      (B) store                      (C) harbor                      (D) offend

14. The next version of the software will have the \_\_\_\_\_ over its competitors. It will certainly become a hit.

- (A) edge                      (B) drawback                      (C) disadvantage                      (D) flavor

15-20 爲題組

The Kola Hole, now stretching more than seven and a half miles into the ground, is the deepest hole on earth. It surpasses even the natural abysses of the ocean floor. Through layer upon layer of rock, the hole **penetrates** ever farther into the earth's history. Passing through rock that formed as the first multicelled organisms were **roaming** the earth, it now reaches a time when the atmosphere as we know it had not yet evolved. All told, 1.4 billion years of history line the walls of the Kola Hole, a record in stone that has served up a wealth of surprises to Russian geologists — but none so strange as the incident that was reported in an American **tabloid** not long ago.

It began, according to one member of the drill crew, when they noticed their drill bit was heating up rapidly. As the crew pulled it up to see what the matter was, out of the hole flew a hideous, **gargoyle**-like beast in a cloud of bituminous smoke. This inky creature squawked and shrieked and fluttered out of sight. Then down the hole the crew lowered a sensitive microphone. "We could hardly believe our ears," one scientist reportedly said. "We heard a human voice, screaming in pain. Even though one voice was discernible, we could hear thousands, perhaps millions in the background." Could it be that they were hearing the cries of **legions of** wicked souls? Had the Kola Hole pierce the house of Satan himself?

Readers of the tabloid story were left to draw their own conclusions. But the tabloid, as evidence of its story's **veracity**, pointed out that under Communism, religion and all of its gods and demons had been suppressed for seventy years. So if a Russian crewman reported the incident, the tabloid concluded that it must have been true, because he couldn't possibly have made up such a tale.

15. The expression **penetrates** in the passage is closest in meaning to:

- (A) passes through                      (B) gets to                      (C) explodes                      (D) flings

16. The word **roaming** in the passage is closest in meaning to:

- (A) wandering through                      (B) settling down                      (C) delivering an attack on  
(D) patrolling

17. The word **tabloid** in the passage is closest in meaning to:

- (A) a scientific journal                      (B) a newspaper which prints bizarre and sensational stories  
(C) a forum for communist propaganda                      (D) a journal which promotes religion

18. The word **gargoyle** in the passage is closest in meaning to:

- (A) a type of stone                      (B) a prehistoric animal

(C) a mythical beast      (D) a type of poisonous gas

19. The words **legions of** in the passage is closest in meaning to:

(A) a few groups of      (B) a small number of      (C) an vast area of  
(D) a vast multitude of

20. The word **veracity** in the passage is closest in meaning to:

(A) suspicious      (B) truthfulness      (C) fallacy      (D) exaggeration

## II. 文意選填 (20\*1)

A. terms   B. breakthroughs   C. attack   D. divide   E. estimate   F. biological   G. worrying H. issuing   I. consultant   J. speed
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Would you like to know when you'll die? It's a scary question for many, but one which could be answered using a new blood test. Spanish scientists have invented such a test that they say will \_\_21\_\_ how much longer you will live. The \$700 test measures the length of telomeres in our DNA. Telomeres control how often our cells \_\_22\_\_ to make new ones and are thus responsible for aging. They limit the length of our lifespan. The company behind the project, Life Length, says the test will give people an idea of the \_\_23\_\_ at which they are ageing and a prediction of when the end might come. Critics have been quick to \_\_24\_\_ the test. They say it is unethical, unreliable, and could lead to insurance firms demanding people take the test before \_\_25\_\_ policies.

Researchers say the test could lead to \_\_26\_\_ in age-related illnesses such as Alzheimer's and heart disease. Professor Jerry Shay, a \_\_27\_\_ for Life Length, admitted people are right to be wary of the new test. He said: "People might say, 'If I know I'm going to die in 10 years, I'll spend all my money now', or 'If I'm going to live for 40 years, I'll be more conservative in my lifestyle'. He added: "The \_\_28\_\_ thing is that if this information ever got to a point where it is believable, insurance companies would start requiring it in \_\_29\_\_ of insuring people." Maria Blasco, inventor of the test, believes it is important, saying: "It will be useful for you to know your \_\_30\_\_ age. Maybe you would change your lifestyle habits if you find you have short telomeres."

A. monitored   B. colony   C. desert   D. declining   E. perturbed   F. standby   G. as to H. ringing   I. such   J. sensitive
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It's a fact that the world honeybee population is in decline around the globe. Scientists have various possible explanations \_\_31\_\_ why, including cold weather, genetically-modified crops, and viruses. They have now added mobile phones to the list of possible bee killers. Swiss researchers have done a study on what is known as Colony Collapse Disorder, a phenomenon in which worker bees \_\_32\_\_ the hive, never to return. This situation leads to the end of the \_\_33\_\_ because the queen bee runs out of food. Lead researcher Daniel Favre says his study shows a relationship

between the growing use of cellphones and \_\_34\_\_ bee populations. Favre notes that earlier studies failed to find any \_\_35\_\_ link and thus accepts his findings are “highly controversial”.

Favre’s study analyzed bee sounds in five healthy beehives in two different places in Switzerland. He recorded the bees' sounds with mobile phones in the hive. The bees were \_\_36\_\_ when the mobile phones were active and inactive. Scientists analyzed the sounds of the bees and discovered they weren't disturbed by mobile phones that were inactive or on \_\_37\_\_. However, active and \_\_38\_\_ cellphones confused the bees and caused them to fly away from and leave the hive. The study says "the behavior of the bees remained \_\_39\_\_ for up to 12 hours after the end of the prolonged mobile phone communication," Favre writes. "This observation means that honeybees are \_\_40\_\_ to...electromagnetic fields generated by the mobile telephones."

ANSWERS :

I.

**D, A, B, B, D, D, A, B, C, C,**

**B, D, C, A, A, A, B, C, D, B,**

II.

Ans: **E, D, J, C, H, B, I, G, A, F,**

Ans: **G, C, B, D, I, A, F, H, E, J**