I. Grammar (20%): Choose the best answer for each blank.

1. This is the town _____ I grew up.
(A. which B. where C. when D. who E. why)

2. This is the town _____ I visited last year.
(A. which B. where C. when D. who E. why)

3. This is the main reason _____ I don't like a big city.
(A. which B. where C. when D. who E. why)

4. I was born in 1987, _____ the stock market plummeted (= dropped sharply).
(A. which B. where C. when D. who E. why)

5. I can't find my bike. Someone must _____ it when I was away from home.
(A. steal B. stole C. had stolen D. have stolen D. stolen)

6-10. The Iowa Women's Study is a large prospective study [6.] _____ whether diet, distribution of body fat, and other risk factors are related to cancer incidence in older women. Findings from the study showed a strong association between garlic consumption and colon cancer risk. Women [7.] _____ the highest amounts of garlic had a 50 percent lower risk of distal colon cancer [8.] _____ with women who had the lowest level of garlic consumption.

Evidence also suggests that increased garlic consumption may reduce pancreatic cancer risk. A study [9.] _____ in the San Francisco Bay area found that pancreatic cancer risk was 54 percent lower in people [10.] _____ larger amounts of garlic than those who ate lower amounts

6. (A. investigate B. investigating C. investigated D. investigates E. was investigated)

7. (A. consumes B. consume C. consumed D. consuming E. was consumed)

8. (A. compares B. compare C. compared D. comparing E. was compared)

9. (A. conducted B. conduct C. conducts D. conducting E. was conducted)

10. (A. ate B. have eaten C. eaten D. eat E. eating)

II. Vocabulary (30%): Choose the **best** answer to complete each sentence.

11. We would like to have cheesecake for _____ after dinner.
(A. desert B. dessert C. deserve D. despise E. despite)

12. I'm sorry the book is not _____ now. It was sold out.
(A. occupied B. acceptable C. convenient D. injured E. available)

13. The presidential election is coming soon. Now it becomes a hot _____ for daily TV news reporting.
(A. concert B. history C. pot D. issue E. temper)

14. Only one fourth of the students in this school _____ the earthquake. That is, only 25% of the students in this school were alive after the earthquake.
(A. survived B. slipped C. swept D. shook E. swapped)

15. One of Japanese nuclear power plants _____ in March 2011, which made people all over the world worry about the risk of radioactive leak.
(A. exported B. explored C. exploded D. expanded E. expired)

Lieutenant [16.] _____ Lao Nai-cheng, deputy head of a helicopter squadron under the 601 Brigade was found to have taken showbusiness personality Janet Lee, members of her family and friends on a March 29 tour of the Apache [17.] _____, and even let his guests sit in the [18.] _____ (= pilot seat) of an Apache and take photos of the advanced aircraft. Janet Lee then posted photos of herself sitting in the pilot seat on her Facebook page. The photos [19.] _____ (= revealed) confidential information relating to the advanced electronics system of the attack helicopter. Minister of National Defense Kao Kuang-chi made a public [20.] _____ for the security lapses.

16. (A. major B. mayor C. captain D. colony E. colonel)

17. (A. hangar B. hanger C. hardback D. hunger E. hunter)

18. (A. cock B. cockroach C. cockpit D. cockhorse E. cocktail)

19. (A. disposed B. exposed C. proposed D. imposed E. composed)

20. (A. appreciation B. apron C. applaud D. apology E. apiece)

III. Reading Comprehension (15%): Choose the **best** answer for each item.

I know a good number of people out there, especially kids, hate broccoli and avoid it whenever possible. However, research suggests that there's a very good reason to eat the vegetable and it helps fight stomach problems. Studies show that fiber from broccoli helps boost the body's defenses against stomach infections. Scientists looking at how roughage from different vegetables influenced the passage of harmful bacteria through the body say broccoli fiber was found to be particularly effective.

However, this may only apply to home-cooked veggies, as a stabilizer added to processed foods seems to have the opposite effect. Having the right kind of fiber in your system is especially important in this day and age, when diets tend to be lacking in fiber because of too much processed food.

For those of you who still detest broccoli and won't eat it, despite its good qualities, there's another option. The researchers said that bananas, or more specifically plantains, had a similar kind of helpful fiber. Scientists are now looking into how these beneficial fibers can help **ward off** Crohn's disease. It's an inflammatory bowel disease that can cause diarrhea and abdominal pain. If that doesn't sound pleasant, it may be a good idea to start eating some broccoli and plantains early, just in case.

21. What is this passage about?
(A. Many children disliking broccoli B. How to make broccoli delicious for kids.
C. Advantages of broccoli. D. Disadvantages of processed foods.)

22. Based on this passage, which of the following statements is **NOT** true.
(A. Broccoli can help us prevent some stomach diseases.
B. Broccoli can help us prevent some cancers.
C. Processed foods may cause some stomach diseases.
D. Many people still dislike broccoli and try not to eat it.)

23. What is suggested to eat for those who dislike broccoli?
(A. Processed food. B. Frozen vegetable. C. Cauliflower. D. Banana.)

24. Based on this passage, which of the following statements is **true**?
(A. Crohn's disease is a stomach disease. C. Crohn's disease may cause diarrhea.
D. Crohn's disease may cause vomiting. D. Stomach ache is a symptom of bowel disease.)

25. The phrase **"ward off"** in paragraph 3 is closest in meaning to _____.
(A. prevent B. cure C. result in D. reduce)

IV. Translation (20%): Translate Items 26-29 from English into Chinese

26. The Water Resources Agency says this weekend's rain in the northern parts of the island added some water to the reservoirs in the area - with the Shi-Men Reservoir currently at 24.5 % of capacity. However, its levels are still falling despite third-stage water rationing continuing in Taoyuan and parts of Hsinchu and New Taipei. (6%)

27. The rain also failed to alleviate the drought in the south where Tainan and Gaoxiong remain dire need of water. The government is slated to review the on-going water situation on May 4th and there are concerns that further water rationing measures could be introduced. (5%)

28. The Ministry of National Defense has confirmed that the military will dispatch P-3C submarine-hunting aircraft on surveillance missions to the country's territory in the South China Sea in the future. (5%)

29. At present, the aircraft are mainly engaged in anti-submarine reconnaissance and joint surveillance in Taiwan's surrounding waters and air defense identification zone, or A-D-I-Z. (4%)

IV. Short Composition [短篇作文] (15%): Answer the question below **in English with at least 120 English words.** (請用英文回答，文長至少 120 個英文單字。)

30. Do you accept the idea that small portion (5~10 %) of admission to a prestigious university (e.g., National Taiwan University) can be obtained by donating a large amount of money to this university? Why or Why not? (Please **elaborate on** your reason(s) with **at least 120 words**.)

國防大學理工學院 104 學年度博、碩士班招生 ■博士班□碩士班 答案卷			
系(所)別：	考試科目：英文	第 1 頁，共 2 頁	考試時間100分鐘

I. Grammar (20%): Choose the **best** answer for each blank.

1.	2.	3.	4.	5.	6.	7.	8.	9.	10.

II. Vocabulary (30%): Choose the **best** answer to complete each sentence.

11.	12.	13.	14.	15.	16.	17.	18.	19.	20.

III. Reading Comprehension (15%): Choose the **best** answer for each item.

21.	22.	23.	24.	25.

IV. Translation (16%): Translate Items 27-29 from English into Chinese

26. (6%) _____

_____

27. (5%) _____

_____

28. (5%) _____

_____

29. (4%) _____

_____

IV. Short Composition [短篇作文] (16%): (請用英文回答，文長至少 120 個英文單字。)

30.