

國立臺灣科技大學 110 學年度碩士班招生試題

系所組別：工業管理系碩士班甲組、乙組、丙組

科目：英文

[1. 總分 100 分 2. 選擇題務必於答案卷內依序作答，否則不予計分] 共 5 頁之第 1 頁**I. Vocabulary 30% (2% each question) Choose the best word to complete each sentence**

1. The racking system can follow a burglar around a building and ____ in on his face. (2%)
(A) tilt (B) topple (C) zoom (D) zip
2. The old woman has been ____ by sore legs since she fell in the bathroom. (2%)
(A) pissed (B) prescribed (C) plagued (D) transplanted
3. Being a ____ dress can be hard because fashions change so much. (2%)
(A) stylist (B) talented (C) vain (D) strategic
4. She was attacked by a ____ of bees after the man accidentally knocked over the nest. (2%)
(A) strand (B) swarm (C) layer (D) lump
5. There are four national roads that impose a ____ on each vehicle using them. (2%)
(A) visa (B) vow (C) toll (D) theft
6. Lee used a ____ to clean up the mess after he spilled a glass of wine. (2%)
(A) staple (B) sponge (C) sledge (D) snare
7. Denise owns a large ____ and loves to sail it around the lake. (2%)
(A) trek (B) yacht (C) starch (D) seminar
8. The new recycling policy went into ____ last July and so far citizens have been pleased with it. (2%)
(A) operation (B) nerve (C) organ (D) nightmare
9. It was the chairman's ____ that stopped the official from resigning. (2%)
(A) controversy (B) diplomacy (C) accusation (D) conspiracy
10. Parents do not think this movie is ____ for kids; there is too much violence in it. (2%)
(A) prompt (B) prosper (C) proper (D) probable
11. Allen was sad because the other kids at school kept ____ him. (2%)
(A) quarreling (B) interacting (C) teasing (D) interesting
12. Pascal makes ____ for a living, so he always gives Jane a vase or a jug on her birthday. (2%)
(A) stool (B) pole (C) pottery (D) peep
13. On hearing his favorite song, Peter was overcome by the ____ to dance. (2%)
(A) urge (B) tendency (C) triumph (D) whistle
14. Despite the gloomy economy, his food business _____. (2%)
(A) terminated (B) thrived (C) trampled (D) perished
15. It is not your ____ to run errands for an idle person. (2%)
(A) intuition (B) vogue (C) obligation (D) ingenuity

II. Grammar 30% (2% each question) Choose the best answer to complete each sentence

1. The exact details of the company takeover are still ____ although it has been agreed in principle. (2%)
(A) under prosecution (B) under negotiation (C) under nomination (D) under oppression
2. For an online shopper, it is ____ to be informed of a discount just hours after an order was placed. (2%)
(A) obvious (B) frustrated (C) frustrating (D) imaginative
3. On the Internet, people talk about a "5:2" diet ____ they only eat during the week and fast on weekends. (2%)
(A) which (B) in which (C) how (D) when
4. It is about time that you _____. (2%)
(A) grow up (B) grew up (C) are growing up (D) will grow
5. If you ____ about littering, know that someone will probably be watching you. (2%)
(A) think (B) thought (C) are thinking (D) were thinking
6. It is not Dave's fault. Do not blame him ____ this. (2%)
(A) on (B) for (C) with (D) to
7. By the time Steven comes home, I ____ my homework. (2%)
(A) finish (B) will finish (C) will have finished (D) finished



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8. Getting up early on a cold morning is not easy, _____(2%)
 (A) do you (B) are you (C) is it (D) does it
9. _____ the river after sunset.(2%)
 (A) We cross seldom (B) Do cross seldom (C) Seldom we cross (D) Seldom do we cross
10. I have two coats. One is red, and _____ is black. (2%)
 (A) two (B) another (C) other (D) the other
11. It took the police a lot of time _____ who entered Mike's house and killed him two years ago.(2%)
 (A) and found out (B) find out (C) finding out (D) to find out
12. Mary received a large _____ of feedback from her survey. (2%)
 (A) number (B) numbers (C) amount (D) amounts
13. Don't count your _____ before they hatch.(2%)s
 (A) chicken (B) chickens (C) goose (D) egg
14. It is _____ fine weather that I go to the beach with Robert.(2%)
 (A) such (B) so (C) too (D) enough
15. There _____ more than thirty restaurants in this neighborhood. Which one would you like to choose?(2%)
 (A) has (B) is (C) have (D) are

III. Reading comprehension 30% (2% each question)

Read the following passages and then select the best answer for each question.

Questions 1-5 refer to the passage below.

If a person suddenly encounters any terrible danger, the change of nature one undergoes is equally great. Sometimes fear numbs our senses. Like animals, one stands still, powerless to move a step in fright or to lift a hand in defense of our lives, and sometimes one is seized with panic, and again, act more like the inferior animals than rational beings. On the other hand, frequently in cases of sudden extreme peril, which cannot be escaped by flight, and must be instantly faced, even the most timidest men at once as if by miracles, become possessed of the necessary courage, sharp quick apprehension and swift decision. This is a miracle very common in nature. Man and the inferior animals are alike. When confronted with almost certain death "gather resolution from despair", there can be no trace of so debilitating a feeling in the person fighting or prepared to fight for dear life. At such times the mind is clearer than it has ever been; the nerves are steel. There is nothing felt but a wonderful strength and daring. Looking back at certain perilous moments in my own life, I remember them with a kind of joy, not that there was any joyful excitement then, but because they broadened my horizon, lifted me for a time above myself.

1. The title that best suits the passage would be: (2%)
 (A) The Will to Fight (B) The Miracle of Confronting Danger
 (C) The Change of Nature (D) Courage and Panic
2. A man may react to sudden danger in three different ways. What are they? (2%)
 (A) He may flee in panic, or fight back or stand still.
 (B) He may be paralyzed with fear, seized with panic or act like an inferior animal.
 (C) He may be paralyzed with fear, or seized with panic, or as if by miracle, become possessed of the necessary courage, and face the danger.
 (D) He may be paralyzed with fear, run away or fight.
3. What is the meaning of the word "debilitating"? (2%)
 (A) strengthen (B) enfeeble (C) debase (D) thriving
4. Explain the phrase "gather resolution from danger". (2%)
 (A) Find peace in times of difficulty.
 (B) To remain calm and not to lose hope.
 (C) A state of utter hopelessness makes one determined to face the difficulty.
 (D) To be enthusiastic and brave the odds.



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5. The author feels happy in the recollection of dangers faced and overcome because (2%)
- (A) They added a new perspective and lifted him above himself for a time.
 (B) They brought him a new experience.
 (C) These experiences boosted his confidence.
 (D) He felt elated as he was alive.

Questions 6-8 refer to the passage below.

The effects of the coronavirus pandemic, and the subsequent state of lockdown throughout most of the world, has had a cataclysmic effect on businesses. While commerce in general has gone down, certain sectors of the service industry have seen business grind to a total halt. Travel and tourism, an approximate \$6 trillion dollar industry, has all but stopped. The drinking and dining world is at a standstill, with the majority of bars and restaurants are only allowed to operate on a delivery basis. That's not to mention the health and wellness industry -- gyms, health spas and the like are now no-go areas in many countries.

Without some quick and inventive thinking on the part of business owners, they would stand to lose everything. But where there is necessity, there is motivation, innovation and invention. In Johannesburg, South Africa, a company that runs bicycle city tours has changed their game. Now they're spinning their wheels into action and are delivering essential goods throughout the city. In Sydney, Australia, one gymnastics gym has built an entire online platform and app to bring their lessons online. Remarkably, their total membership figures have actually gone up!

This is a perfect example of service providers seeing that where there is chaos, there is opportunity. Particularly for the gym mentioned above. When the economy opens up again, and members start returning through the doors of the gym in person, the company will have doubled their revenue stream.

6. Which of the following statements is true? (2%)
- (A) The tourism industry has lost \$6 trillion dollars. (B) Commerce has all but stopped.
 (C) Bars and restaurants are at a standstill. (D) Gyms are closed in many countries.
7. Which of the following is an example of innovative thinking according to the text? (2%)
- (A) Health spas offering online services. (B) Bars and restaurants delivering food.
 (C) A bicycle tour company delivering essential goods. (D) Practicing gymnastics at home.
8. What does the statement "where there is chaos, there is opportunity" refer to? (2%)
- (A) Opportunities that are lost due to chaotic situations. (B) How chaotic situations create new opportunities.
 (C) The cataclysmic effect of the lockdown on businesses. (D) How chaos grinds opportunities to a halt.

Questions 9-11 refer to the passage below.

At 31, Dan Price was a millionaire. His company, Gravity Payments, which he set up in his teens, had about 2,000 customers and an estimated worth of millions of dollars. Though he was earning \$1.1m a year. His friend brought home to him that a lot of his staff must be struggling - and he decided to change that.

Before 1995 the poorest half of the population of the United States earned a greater share of national wealth than the richest 1%. But that year the tables turned - the top 1% earned more than the bottom 50%. And the gap is continuing to widen. In 1965, CEOs in the US earned 20 times more than the average worker but by 2015 it had risen to 300 times (in the UK, the bosses of FTSE 100 companies now earn 117 times the salary of their average worker).

After crunching the numbers, Price arrived at the figure of \$70,000. He realized that he would not only have to slash his salary, but also mortgage his two houses and give up his stocks and savings.

Since then, Gravity has transformed. The headcount has doubled and the value of payments that the company processes has gone from \$3.8bn a year to \$10.2bn. But there are other metrics that Price is more proud of. Before the \$70,000 minimum wage, employees were having between zero and two babies born per year amongst the team, and since the announcement - and it's been only about four-and-a-half years - they've had more than 40 babies.



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At the time, Seattle was debating an increase to the minimum wage to \$15, making it the highest in the US at the time. Small business owners were fighting it, claiming they would go out of business. The right-wing radio pundit, Rush Limbaugh, whom Price had listened to every day in his childhood, called him a communist. "I hope this company is a case study in MBA programs on how socialism does not work because it's going to fail," he said.

Two senior Gravity employees also resigned in protest. They weren't happy that the salaries of junior staff had jumped overnight, and argued that it would make them lazy, and the company uncompetitive. This hasn't happened. Raising salaries didn't change people's motivation - Price says staff were already motivated to work hard - but it increased what he calls their capability.

9. After increasing his employee's salaries, the value of payments that the company processes has gone from \$3.8bn a year to? (2%)
 (A) \$5.2bn. (B) \$10.2bn. (C) \$12.0bn. (D) \$2.5bn.
10. What did Dan Price have to do to be able to increase his employees' salaries? (2%)
 (A) Mortgage his house. (B) Mortgage his two houses.
 (C) Sell his car. (D) None of the above.
11. How many senior Gravity employees resigned in protest?(2%)
 (A) 4 (B) 5 (C) 2 (D) 9

Questions 12-15 refer to the passage below.

Dear Jean,

I wanted to write you a note to thank you. I am sorry that you felt disappointed that your work responsibilities were not what you expected. I have enjoyed having your assistance with my projects.

Although the tasks we handled were not as varied as you would have liked, just think about what you and I have accomplished since September. We organized the annual small business conference, updated the association's web site, and answered scores of inquiries, many in great detail, from business owners who needed advice on a range of topics: loans, benefits, licensing, etc.

I feel the year has been very productive for both of us. You've been an congenial and conscientious assistant and all of us have the highest regard for your abilities. Please feel free to call upon me for a recommendation if you require one for future employment.

Best of luck,
 Thomas

12. What can be inferred about Jean? (2%)
 (A) She was unhappy in her job. (B) She asked for a promotion.
 (C) She started a new business. (D) She lent money to Thomas.
13. What is **NOT** cited as part of Jean's work? (2%)
 (A) Organizing conferences (B) Processing business loans
 (C) Corresponding with clients (D) Maintaining a Web site
14. What does Thomas say about Jean? (2%)
 (A) She is a skillful writer. (B) She is a diligent worker.
 (C) She is an excellent teacher. (D) She is an experienced supervisor.
15. What does Thomas offer to do for Jean? (2%)
 (A) Raise her salary (B) Increase her hours
 (C) Reduce her workload (D) Recommend her for a job



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IV. Sentence Correction (10%) (1% each question)

Directions: Correct the errors in the following sentences. There is one error in a sentence.
One sentence does not have an error.

Example:

You must really make an effort; stop making excuses and try saving some money each month from wages this year.

Correction: saving → to save

1. They say but then no one really knows that the presence of security cameras in the street deters people to behaving in a criminal way. (1%)
2. Jenny never wears ordinary cloths when she does the gardening especially during the autumn. (1%)
3. As it was a very serious occasion and it involved an interview for his first proper job, he decided to buy himself a new suit. (1%)
4. The first thing Linda did when she got to the hotel was to put her rings and other values in the safe provided. (1%)
5. I prefer go to the cinema instead of watching television. (1%)
6. I honestly can't remember how long I have been waiting but it must have been since at least 45 minutes. (1%)
7. Luke's main trouble is that he has a terrible feel of direction. (1%)
8. On their very first evening, Steve told his wife he was just going out for a short walking but it was really to buy her some flowers. (1%)
9. He needs to be more carefully when he is driving his car. (1%)
10. Sometimes you get too much of news every day on television. (1%)

