

國立臺北大學 107 學年度碩士班一般入學考試試題

系（所）組別：法律學系（法律專業組）

科目：英文

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I. Read Comprehensive (60%).

Please find the best answer from (A),(B),(C), or (D) to each question. (每題 6 分、單選不倒扣)

Part 1

Two years ago Stephen Hawking told the BBC that the development of full __ (1) __, could spell the end of the human race. His was not the only voice warning of the dangers of AI - Elon Musk, Bill Gates and Steve Wozniak also expressed their concerns about where the technology was heading - though Professor Hawking's was the most apocalyptic vision of a world where robots decide they don't need us any more. What all of these prophets of AI doom wanted to do was to get the world thinking about where the science was heading - and make sure other voices joined the scientists in that debate. That they have achieved that aim was evident on Wednesday night at an event in Cambridge marking the opening of the Centre for the Future of Intelligence, designed to do some of that thinking about the implications of AI.

And Professor Hawking was there to help launch the centre. "I'm glad someone was listening," he told the audience. In a short speech, he outlined the potential and the pitfalls of the technology in his usual vivid language. He reviewed the recent rapid progress in areas like self-driving cars and the triumph of Google's DeepMind in the game of Go - and predicted further advances. "I believe there is no deep difference between what can be achieved by a biological brain and what can be achieved by a computer. It therefore follows that computers can and exceed it." That, he said, could lead to the eradication of disease and poverty and the conquest of __ (2) __. But it could also bring us all sorts of things we didn't like - autonomous weapons, economic disruption and machines that developed a will of their own, in conflict with humanity.

"In short, the rise of powerful AI will be either the best, or the worst thing, ever to happen to humanity. We do not yet know which." So, an easy enough mission for the Centre for the Study of Intelligence - just find out whether AI is going to kill us or not. Actually the __ (3) __ centre, which brings together philosophers, psychologists, lawyers and computer scientists, will have a rather more practical programme of research.

Long before the robots decide whether we are surplus to requirements, we are for instance going to need to think about issues such as whether autonomous vehicles should be programmed to protect pedestrians or passengers. AI could soon offer governments the chance to cut growing bills for __ (4) __ - but at a cost for those in need of help. Just one of the issues which will now be addressed by the Centre for the Future - and rather more urgent than the threat from some future Terminator.

1. Please choose the correct answer filled in __ (1) __ from the following words.
(A) Financial Technology (B) Artificial Intelligence
(C) Autoincreased Improvement (D) Accounting Information
2. Which one of the following is the best description fill in __ (2) __ ?
(A) climate change (B) armed conflict
(C) human displaced (D) technology development
3. Please choose the correct answer filled in __ (3) __ from the following words.
(A) multi-cultural (B) multi-media
(C) multi-disciplinary (D) multi-lateralism
4. Which one of the following best filled in __ (4) __ from the following words.
(A) social care (B) social justice
(C) social movement (D) social impact
5. Which topic is the best description of this article?
(A) Should AI technology disappear in human history? (B) Can AI prevent the world conflict?
(C) IS AI good for good governance? (D) Will AI kill or save humankind?

試題隨卷繳交

接背面

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Part 2

... Turning once again, and this time more generally, to the question of invasion, I would observe that there has never been a period in all these long centuries of which we boast when an absolute guarantee against invasion, still less against serious raids, could have been given to our people. In the days of Napoleon the same wind which would have carried his transports across the Channel might have driven away the blockading fleet. There was always the chance, and it is that chance which has excited and befooled the imaginations of many Continental tyrants. Many are the tales that are told. We are assured that novel methods will be adopted, and when we see the originality of malice, the ingenuity of __ (6) __, which our enemy displays, we may certainly prepare ourselves for every kind of novel stratagem and every kind of brutal and treacherous maneuver. I think that no idea is so outlandish that it should not be considered and viewed with a searching, but at the same time, I hope, with a steady eye. We must never forget the solid assurances of sea power and those which belong to air power if it can be locally exercised.

I have, myself, full confidence that if all do their duty, if nothing is neglected, and if the best arrangements are made, as they are being made, we shall prove ourselves once again able to defend our Island home, __ (7) __, if necessary for years, if necessary alone. At any rate, that is what we are going to try to do. That is the resolve of His Majesty's Government-every man of them. That is the will of Parliament and the nation. The British Empire and the French Republic, linked together in their cause and in their need, will defend to the death their native soil, aiding each other like good comrades to the utmost of their strength. Even though large tracts of Europe and many old and famous States have fallen or may fall into the grip of the Gestapo and all the odious apparatus of Nazi rule, we shall not flag or fail. We shall go on to the end, we shall fight in France, we shall fight on the seas and oceans, we shall fight with growing confidence and growing strength in the air, we shall defend our Island, __ (8) __, we shall fight on the beaches, we shall fight on the landing grounds, we shall fight in the fields and in the streets, we shall fight in the hills; we shall never surrender, and even if, which I do not for a moment believe, this Island or a large part of it were subjugated and starving, then our Empire beyond the seas, armed and guarded by the British Fleet, would carry on the struggle, until, in God's good time, the New World, with all its power and might, steps forth to the rescue and the liberation of the old.

6. Who gave this famous speech?

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|-----------------------|------------------------|
| (A) Abraham Lincoln | (B) Franklin Roosevelt |
| (C) Winston Churchill | (D) Margaret Thatcher |

7. Please choose the correct answer filled in __ (6) __ from the following words.

- | | |
|---------------|-----------------|
| (A) action | (B) arbitration |
| (C) attacking | (D) aggression |

8. Which one of the following sentence best fill in __ (7) __ ?

- (A) to lead the people fight, and to save the country of our own
(B) to ride out the storm of war, and to outlive the menace of tyranny
(C) to find out the enemy, and to get rid of conflict
(D) to negotiate the peace accord, and to cease the fire

9. Which one of the following best fill in __ (8) __ in this article?

- | | |
|----------------------------------|--------------------------------------|
| (A) whatever the cost may be | (B) wherever the people may alive |
| (C) whichever the mean shall use | (D) whenever the darkest time may be |

10. What is the best topic for this short article?

- | | |
|---|--|
| (A) The will of Parliament and the nation | (B) The rescue and the liberation of the old |
| (C) We Shall Fight on the Beaches | (D) We must never forget |

II. English Writing (40%) Please answer in English

Please use no more than 500 words discuss the following topic:

There are around 173 Universities and Colleges in Taiwan. Many people believe the Ministry of Education should reduce the total amount of those institutes. Do you "agree" or "disagree" to reduce current Universities and Colleges in Taiwan? What is your opinion regarding "Higher Education Policy" in Taiwan?

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