# U.S.T.H.B/C.E.I.L 2021/2022

## Computer Science Faculty Master 2

### English Exam

## I. Reading Comprehension

1. Read the text and then circle the right answer. 4 pts (0.5)

Q1. How is the emergence of Artificial Intelligence (AI) gaining interest and support?

(a) China wants to become the super power in science and technology.

(b) Private enterprises are strengthening its progress.

(c) Government is showing its concern for advancement in its implementation.

(d) Both (b) and (c)

(e) All are correct.

Q2. “China Brain” plan has been proposed to

(a) make it available for trade.

(b) establish it throughout the world

(c) make the young brains involve in AI

(d) formulate the AI related resources

(e) All of the above

Q3. According to the passage, what does the phrase “Sputnik moment for China” signify?

(a) It denotes the victory of machine over man.

(b) It signifies the support from U.S towards developing the AI

(c) It signifies the approval of developing the AI plan.

(d) China’s achievement in AI is far less than that of U.S.

(e) It represents the achievement of AlphaGo over Go world champion.

Q4. How is it correct to say that the last few months exhibit significant advancement of AI?

(I) Many guidelines have been issued regarding AI basic research projects.

(II) Many new AI projects have received funding, with a focus on AI chips, cloud services, and open-source platforms.

(III) Brain-inspired computing architectures and methods and man-machine cooperative hybrid intelligence are given priorities.

(a) Only (I) is correct

(b) Only (II) is correct

(c) Both (I) and (II) are correct

(d) Both (II) and (III) are correct

(e) All are correct

Q5. Which of the following sentences is not true in the context of the passage?

(a) Lee Sedol is the world champion of the game Go.

(b) Major Tech countries are least interested in developing AI plan.

(c) Public and Private enterprises have been supporting the development of AI plan.

(d) AlphaGo is an advanced AI program of China.

(e) All are correct

Q6. Find in the text a word that is similar in meaning to: publicised

Q7. Find in the text a word that is similar in meaning to: established

Q8. Find in the text a word that is opposite in meaning to: underuse

Q9. Could China overtake the United States in AI development? Give your opinion. 2 pts

## II. Language Structure

1. Match a word from box A with a word from box B to form compounds and fill in the gaps in the following passage. 3 pts (0.5)

Deepfakes are \_\_\_\_\_\_ artificial images, audio, and videos typically created using \_\_\_\_\_\_ methods. The technology to provide such “synthetic” media is advancing at high speed with sophisticated tools now \_\_\_\_\_\_ accessible even to non-experts. Malicious actors already deploy such content to ruin reputations and commit \_\_\_\_\_\_ crimes and other injurious use cases. Deepfakes create a \_\_\_\_\_\_ danger: that the fake content will fool viewers into believing fabricated statements or events are real, and that their rising prevalence will weaken the public’s confidence in trusted sources of information.

2. Use the following sentences to form parallel increase constructions. 3 pts (0.5)

1. As / because the students study a lot for their exams, their scores will be high.

2. As / because the data an algorithm sees is much labeled, it becomes good at the task it performs.

3. As / because the bandwidth is low, the computer is slow in downloading information from the Internet.

4. As / because AI becomes advanced, it takes over a lot of human jobs.

5. As / because there are few security flaws, your system is well protected.

6. As / because the work is much interesting and relevant for students, they will likely complete their assignments and learn.

## WRITING

4. Could China overtake the United States in AI development? Write a short essay. 5 pts