

C. BÀI KIỂM TRA

Mark the letter A, B, C or D to indicate the word whose underlined part differs from the other three in pronunciation in each of the following questions.

- Question 1: A. interactive B. standby C. vacuum D. install
Question 2: A. disability B. hands-on C. conversational D. stimulus

Mark the letter A, B, C or D to indicate the word that differs from the other three in the position of the primary stress in each of the following questions.

- Question 3: A. upgrade B. download C. engaged D. virtual
Question 4: A. portfolio B. identity C. evolution D. repetitive

Mark the letter A, B, C or D to indicate the correct answer to each of the following questions.

- Question 5: To _____ the robot, the technician input specific commands into its control system.
A. activate B. analyse C. interact D. imitate

- Question 6: He had the educational chatbot _____ complex concepts in his homework.
A. explaining B. to explain C. explained D. explain

- Question 7: Users can engage with the virtual reality environment through gesture controls and voice _____.
A. portfolios B. stimuli C. platforms D. commands

- Question 8: Technicians got the AI-powered robot _____ to react to human gestures.
A. to be programmed B. programmed C. programme D. to programm

- Question 9: Person A: Today, I am going to bring up something related to artificial intelligence?
Person B: _____, but could you clarify the topic of your talk?
Person A: Sure. I am going to discuss the recent advancements in AI technology.

- A. I'm sorry for speaking B. Do you mind
C. I'm sorry for interrupting D. May I have your attention

Read the following advertisement/announcement and mark the letter A, B, C or D to indicate the correct option that best fits each of the number blanks from 10 to 15.

AI ROBOT EXHIBITION COMING SOON!

Time & Date: 8 a.m. on May 4th

Location: National Convention Centre

Embark on a journey into the future at our AI Robot Exhibition on May 4th

Join us for a day filled with cutting-edge technology and fascinating activities:

- **Robot Demonstrations:** witness AI-powered robots showcasing their advanced capabilities

- (10) _____ **Zones:** Engage in (11) _____ activities, test cutting-edge AI applications, and experience the future first-hand

- **Expert Talks:** Learn from industry leaders discussing the impact of AI on various sectors

- **Q&A Sessions:** Have your burning questions answered by AI experts.

Contact Information: For event inquiries and details, please reach out to hightech@gmail.com

Immerse yourself in the marvels of artificial intelligence and discover how robots are shaping our world.

Save (12) _____ date, bring your curiosity, and be part of this extraordinary AI experience!

- Question 10: A. Interactively B. Interactive C. Interaction D. Interact

- Question 11: A. hands-on B. artificial C. advanced D. instant

- Question 12: A. an B. Ø (no article) C. the D. a

OUR SMART HOME COMPANION!

We have RoboMate - a cutting-edge home robot - (13) _____ to make your life easier and more enjoyable, with its sleek design and advanced AI capabilities, RoboMate is more than just a machine; it's your personal assistant, security guard, and entertainment companion all in one.

*** Key Features:**

- **Smart Assistance:** Support daily tasks, manage your schedule, and provide instant information
 - **Home Security:** Equipped (14) _____ state-of-the-art sensors, it ensures the safety of your home with (15) _____ monitoring.
 - **Entertainment Hub:** Enjoy your favourite music, control smart devices, and even participate in casual conversations with RoboMate.
 - **Effortless Cleaning:** Sweep, mop, and vacuum, keeping your home spotless with built-in cleaning functions.
- * Affordable Convenience:** RoboMate is available at the incredible price of \$5,000. Experience the benefits of a smart home without breaking the bank!

Question 13: A. to design B. designed C. be designed D. design

Question 14: A. on B. for C. in D. with

Question 15: A. personalised B. real-life C. real-time D. spare

Mark the letter A, B, C or D to indicate the correct arrangement of the sentences to make a meaningful paragraph/letter in each of the following questions.

Question 16:

- After logging in, go to the “GPT-3.5” section and click on “Create.” This is your next step after signing in.
- Once you’ve set those details, head over to the “Chat” tab. This is where you get to actually talk to your chatbot.
- Finally, start chatting! Type in your questions or prompts, and see how your chatbot responds based on what you’ve set up earlier.
- First, go to the OpenAI website and sign into your account. This is where you start.
- Now, set up your chatbot by choosing its name, what it’s for, and the language it should use. This happens right after you click “Create.”

A. d-e-a-b-c B. d-a-e-b-c C. d-c-a-b-e D. d-a-b-e-c

Question 17:

- I find it fascinating how VR can transport students to different environments, making history, science, and other subjects come alive.
- In my opinion, VR has immense potential to revolutionise the learning experience, allowing students to engage with subjects in ways that traditional methods can’t match.
- Dear Jack,
I hope this email finds you well. I’ve been exploring the use of virtual reality (VR) in education lately and wanted to share my thoughts with you.
- What are your thoughts on this innovative approach to education? I’d love to hear your perspective and discuss it further.
- Best regards,
- However, I do have some concerns, particularly regarding accessibility and the potential for overreliance on technology.

A. c-a-b-f-d-e B. c-b-f-a-d-e C. c-d-b-a-f-e D. c-b-a-f-d-e

Read the following passage and mark the letter A, B, C or D to indicate the correct option that best fits each of the numbered blanks from 18 to 23.

Artificial Intelligence (AI) has revolutionised the manufacturing industry, offering numerous benefits that have improved efficiency, productivity, and overall profitability.

One significant advantage of AI in manufacturing is the ability to improve accuracy and quality control. (18) _____, as these systems are designed to perform tasks with precision, consistency, and attention to detail. This ensures that product quality remains consistent throughout the production

process, decreasing the costs (19) _____. Additionally, AI can detect problems in real-time, enabling manufacturers to address issues promptly and (20) _____.

Another key benefit of AI in manufacturing is (21) _____ to enhance production efficiency. AI algorithms can analyse vast amounts of data quickly and identify patterns or trends (22) _____. This allows manufacturers to optimise their production processes, making them more cost-effective and time-efficient. Furthermore, AI-powered machines and robots can perform tasks faster than humans, maximising productivity. (23) _____, manufacturers can achieve higher production rates and increase their profits.

Adapted from <https://otssolutions.com/role-of-ai-in-manufacturing-industry/>

Question 18: A. With AI-powered machines and manufacturers, robots can minimise human errors.

B. With AI-powered machines and robots, manufacturers can minimise human errors.

C. With human errors, manufacturers can minimise AI-powered machines and robots.

D. With manufacturers, AI-powered machines and robots can minimise human errors.

Question 19: A. to be associated with rework or returns B. associating with rework or returns

C. associated with rework or returns

D. to associate with rework or returns

Question 20: A. preventing reaching consumers from low-quality products

B. preventing low-quality products from reaching consumers

C. prevent reaching consumers from low-quality products

D. prevent low-quality products from reaching consumers

Question 21: A. its capacity B. our capacity C. their capacity D. his capacity

Question 22: A. might otherwise go unnoticed by humans

B. that might otherwise go unnoticed by humans

C. that humans might otherwise go unnoticed them

D. humans might otherwise go unnoticed

Question 23: A. Despite making use of the power of AI B. By making use of AI of the power

C. By making use of the power of AI

D. Due to making use of AI of the power

Read the following passage and mark the letter A, B, C or D to indicate the correct option that best fits each of the numbered blanks from 24 to 28.

AI has made significant developments in healthcare this year by improving diagnostics, enabling personalised medicine and promoting drug discovery. Machine learning algorithms are now facilitating early disease detection and more accurate diagnoses, (24) _____ personalised medicine is helping doctors customise treatment plans for each patient's unique genetic makeup.

AI has also made a great impact on healthcare through the (25) _____ of wearable devices and IoT-enabled health monitoring systems. These technologies continuously collect valuable patient data like heart rate, blood pressure and glucose levels, so healthcare providers can monitor and manage chronic conditions more effectively.

Providers have also been able to significantly improve mental health care by using AI to create (26) _____, personalised support systems. Chatbots and virtual therapists, (27) _____ are powered by natural language processing and machine learning, can engage users in therapeutic conversations, helping to ease symptoms of anxiety, depression and (28) _____ other mental health issues.

Adapted from <https://www.forbes.com/sites/bernardmarr/2023/05/10/15-amazing-real-world-applications-of-ai-everyone-should-know-about/?sh=43b62bed85e8>

Question 24: A. as

B. however

C. thereby

D. while

Question 25: A. identity

B. integration

C. mode

D. concept

Question 26: A. accessible

B. accessibility

C. accessibly

D. access

Question 27: A. A. whom

B. which

C. who

D. that

Question 28: A. lot of B. much C. few D. many

Read the following passage and mark the letter A, B, C or D to indicate the correct answer to each of the following questions from 29 to 33.

In late March, more than 1,000 technology leaders and researchers working in and around artificial intelligence signed an open letter warning that AI technologies present “serious risks to society and humanity.”

A neural network is a mathematical system that learns skills by analysing data. About five years ago, companies like Google, Microsoft and OpenAI began building neural networks that learned from huge amounts of digital text called large language models, or L.L.M.S. By pinpointing patterns in that text, L.L.M.S learn to create text on their own, including blog posts, poems and computer programs.

This technology can help computer programmers, writers and other workers generate ideas and do things more quickly. But Dr. Bengio and other experts also warned that L.L.M.S can learn unwanted and unexpected behaviours. **They** can generate untruthful, biased and otherwise toxic information. Systems like GPT-4 get facts wrong and make up information.

Because these systems deliver information with what seems like complete confidence, it can be a struggle to separate truth from fiction when using them. Experts are concerned that people will rely on these systems for medical advice, emotional support and the raw information they use to make decisions. Experts are also worried that people will misuse these systems to spread disinformation.

Experts are worried that the new AI could be job killers. Right now, technologies like GPT-4 tend to complement human workers. But OpenAI acknowledges that they could replace some workers. They cannot yet **duplicate** the work of lawyers, accountants or doctors. But they could replace paralegals, personal assistants and translators.

Adapted from <https://www.nytimes.com/2023/05/01/technology/ai-problems-danger-chatgpt.html>

Question 29: Which of the following would be the best title for the passage?

- A. The Negative Impacts of AI Technologies on Job Market
- B. The Over Reliance on AI Technologies
- C. The Concerns Associated with Advanced AI Systems
- D. The Evolution of Neural Networks in Artificial Intelligence

Question 30: What is the primary concern expressed by Dr. Bengio and other experts regarding large language models (L.L.M.s)?

- A. their inability to generate misleading information
- B. the risks related to unforeseen behaviours
- C. their potential to complement human workers
- D. their limited application in medical fields

Question 31: The word “**they**” in paragraph 3 refers to _____.

- A. ideas B. experts C. L.L.M.s D. behaviours

Question 32: The word “**duplicate**” in paragraph 5 is closest in meaning to _____.

- A. exploit B. mimic C. upgrade D. assist

Question 33: Which of the following is NOT true according to the passage?

- A. Neural networks, like L.L.M.S, learn from digital text to generate various forms of content.
- B. GPT-4 systems are incapable of producing imprecise or biased information.
- C. There is a fear that people will misuse AI systems for spreading inaccurate information.
- D. A.I. systems can implement human workers, but they could lead to displacement in certain jobs.

Read the following passage and mark the letter A, B, C or D to indicate the correct answer to each of the following questions from 34 to 40.

With the advent of ChatGPT and Canva’s magic features, artificial intelligence (AI) is quickly becoming an integral part of our everyday lives. This rapid technological advancement highlights the

importance of integrating AI education into the curriculum not only to ensure that all students are well-equipped for their academic futures but also for workforce development.

AI has the potential to revolutionise the education sector by enhancing learning experiences, supporting teachers and offering more personalised learning opportunities for students. Some areas in which AI can transform the classroom include personalised learning, adaptive learning, special needs education and so on.

More specifically, personalised learning involves AI-powered systems that analyse students' learning styles, strengths and weaknesses to create tailored lesson plans and suggest resources to serve their individual needs. Adaptive learning platforms can adjust to each student's progress in real-time, identifying gaps in knowledge and providing immediate feedback. AI can also help teachers automate administrative tasks, enabling them to focus more on instruction.

Moreover, AI is transforming the job market, with increasing demand for professionals skilled in AI and related fields. Teaching students about AI can help them develop the knowledge and skills needed to pursue careers in technology, data science and other in-demand industries. AI learning also can inspire **them** to generate ideas and solutions, promoting creativity and innovation –essential skills in today's competitive job market.

There are some risks of excluding students from AI education. First, preventing students from learning about AI can contribute to the digital gap, as they may not have the knowledge and skills needed to navigate AI-driven technologies in their daily lives. This can **restrict** their ability to access information, participate in the digital economy and Moreover, students who lack AI education may find it more challenging to ensure well-paying jobs as many traditional roles may be automated or significantly transformed by AI. This can lead to increased economic inequality and limit social mobility for those who are not adequately prepared for the AI-driven job market.

To mitigate these dangers, it is essential to promote **equitable** access to AI education for all students. This will help to ensure that everyone has the opportunity to benefit from the advancements in AI and contribute to a just society.

Adapted from <https://www.language magazine.com/2023/05/31/the-importance-of-artificial-intelligence-in-education-for-all-students/>

Question 34: Which of the following would be the best title for the passage?

- A. The Impact of AI on Workforce Development
- B. The Significance of Integrating AI into Education
- C. The Evolution of AI Technologies and Education
- D. The Dangers Of Excluding Students From AI Education

Question 35: The word **“them”** in paragraph 3 refers to _____.

- A. professionals
- B. students
- C. skills
- D. industries

Question 36: The word **“restrict”** in paragraph 4 is closest in meaning to _____.

- A. enhance
- B. facilitate
- C. provoke
- D. limit

Question 37: According to the passage, what is the role of AI in transforming the job market?

- A. boosting skills needed in today's job market
- B. diminishing demand for professionals related to AI
- C. eliminating the need for job-specific skills
- D. creating a surplus of jobs in traditional roles

Question 38: The word **“equitable”** in paragraph 5 is closest in meaning to _____.

- A. unequal
- B. biased
- C. just
- D. instant

Question 39: Which of the following is NOT true according to the passage?

- A. AI education benefits both students' academic futures and the labour force.
- B. Personalised learning allows students to identify gaps in knowledge and skills.
- C. Preventing students from learning about AI can result in the digital gap.
- D. Equitable access to AI education is a solution to cope with risks of AI.

Question 40: Which of the following can be inferred from the passage?

- A. Personalised learning and adaptive learning are ways AI serves individual student needs.
- B. The more AI education develops, the more students pursue demanding jobs.
- C. Students lacking AI education are more likely to take traditional roles than high- paying jobs.
- D. AI education definitely results in less economic inequality and more social mobility for everyone.