

ĐỀ THI GIỮA KÌ 2 LỚP 12 (FORM MỚI NHẤT)

TEST 3

Read the following advertisement and mark the letter A, B, C and D on your answer sheet to indicate the option that best fits each of the numbered blanks from 1 to 6

The Growing Impact of Artificial Intelligence in Daily Life

Artificial intelligence (AI) is becoming an indispensable part of everyday life. AI helps improve work performance, from automating processes to assisting (1) _____ important decisions. AI used in healthcare has already shown (2) _____ potential in diagnosing diseases early. With the rapid advancement of technology, many experts promise (3) _____ AI to address pressing global challenges, such as climate change. AI's integration into education is exciting, (4) _____ students to learn in personalized ways. This technology has the power to (5) _____ awareness about environmental issues by providing accurate data and predictions. The role of AI in (6) _____ continues to grow, bringing both opportunities and challenges.

(Adapted from discovery news)

- Câu 1:** A. at B. on C. for D. in
- Câu 2:** A. signify B. significance C. significant D. significantly
- Câu 3:** A. to using B. to use C. use D. to be used
- Câu 4:** A. which enabled B. enabled C. was enabling D. enabling
- Câu 5:** A. raise B. make C. come D. get
- Câu 6:** A. our daily routines B. our routines daily
- C. routines our daily` D. daily our routines

Read the following leaflet and mark the letter A, B, C or D on your answer sheet to indicate the option that best fits each of the numbered blanks from 7 to 12.

The Impact of AI on Searching Study Materials

Using AI for searching study materials has become increasingly popular. (7) _____ recent studies, AI can significantly enhance the way students find relevant resources online.

The (8) _____ of educational tools powered by AI, such as smart search engines and learning platforms, has grown rapidly in recent years. Related (9) _____ like machine learning and natural language processing are essential for improving search accuracy and relevancy.

(10) _____ applications include AI-driven tutoring systems and content recommendation engines that tailor resources to individual learning styles. Students can (11) _____ AI to assist them in finding study materials that match their needs and academic goals. With continuous (12) _____, AI is set to revolutionize the way we approach learning and research.

- Câu 7.** A. Due to B. Irrespective of C. On account of D. According to
- Câu 8.** A. majority B. item C. number D. amount

- Câu 9. A. technologies B. machines C. skills D. services
 Câu 10. A. Others B. Other C. The others D. Another
 Câu 11. A. rely on B. hang out C. differ from D. cut on
 Câu 12. A. applications B. improvements C. technologies D. studies

Mark the letter A, B, C or D on your answer sheet to indicate the best arrangement of utterances or sentences to make a meaningful exchange or text in each of the following questions from 13 to 17.

Câu 13

- a. Thanks to AI, students can receive instant feedback and improve their learning skills more effectively.
- b. Using AI in education helps optimize the learning process by providing tools like lecture summaries and explanations of difficult concepts.
- c. AI can personalize the learning experience by adjusting content and pace according to the learner's needs.

- A.** c-a-b **B.** b-c-a **C.** c-b-a **D.** b-a-c

Câu 14

- a. Alex: How exactly can AI help in agriculture?
- b. Sue: AI can analyze data on weather patterns, soil quality, and crop health to optimize farming practices.
- c. Alex: How do you think AI can help in developing our country?
- d. Sue: I believe AI can improve many sectors, such as healthcare, education, and agriculture.
- e. Alex: That sounds great! AI could really boost productivity and support sustainable development in our country.

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

Câu 15

Hi Gemma,

- a. Thanks also for recommending the AI tools for language learning – they are much better than the ones I've tried before.
- b. It's really fascinating how AI can be used to improve education and help us learn faster, but I'm a bit concerned about its impact on jobs in the long term.
- c. I think it would be great if we could discuss how AI can be applied to help develop our country. What do you think?
- d. Thanks a lot for sharing those AI resources for learning new skills.
- e. Still, it's great to see how AI can make learning more accessible and effective.

Looking forward to hearing from you soon.

Billy

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

Câu 16

- a. Definitely! The app suggests resources and tutorials that match my learning pace, so I can focus more on areas where I struggle.
- b. Yes, I've started using an AI-powered study app recently. It helps me with personalized learning plans and quizzes based on my progress.
- c. I should try that! AI seems like a great way to make studying more efficient and tailored to individual needs.
- d. Hi, I've been reading about how AI is being used in education. Have you ever tried any AI tools to help with your studies?
- e. That sounds really helpful! Does it actually improve your understanding of the subjects?

(Adapted from *Bright*)

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

Câu 17

- a. However, despite these advancements, there are concerns about the potential for AI to be hacked or malfunction during critical operations.
- b. AI-driven systems have significantly improved the efficiency of border patrols, detecting intrusions and potential threats more effectively than human personnel alone.
- c. The integration of AI in defense has also allowed for faster decision-making, with machines analyzing data in real-time to aid military strategies.
- d. Nonetheless, many experts argue that AI remains essential for securing national borders, especially as the threat landscape continues to evolve.
- e. In recent years, Artificial Intelligence has played a pivotal role in national defense, providing advanced surveillance and strategic capabilities.

(Adapted from *i-Learn Smart World*)

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

Read the following passage about *The Impact of Artificial Intelligence on Global Economic Growth and Research* and mark the letter A, B, C or D on your answer sheet to indicate the option that best fits each of the numbered blanks from 18 to 22.

The development of Artificial Intelligence (AI) has been a driving force in the global economy, revolutionizing industries and creating new opportunities for growth. Over the past decade, AI (18) _____ such as manufacturing, healthcare, and finance. AI systems, (19) _____, have allowed businesses to make more informed decisions and improve efficiency. In the near future, AI (20) _____, helping companies reduce costs and increase productivity. What impact will AI have on small businesses as it continues to evolve? Many companies have already embraced AI which considers (21) _____. With AI continuing to develop, it is clear that its potential in shaping the global economy is enormous. This technology has already been used to create new jobs in data science, machine learning, and robotics, and will

continue to drive economic growth. The widespread adoption of AI could (22) _____, making it a crucial part of future economic strategies.

(Adapted from *Friends Global*)

Câu 18:

- A. has been increasingly used to optimize processes in sectors
- B. has increasingly been used optimize processes in sectors.
- C. has increasingly been using optimize processes in sectors.
- D. has been increasingly optimize processes used in sectors.

Câu 19:

- A. that can be analyzed the vast amounts of data in the real time
- B. which can analyze vast amounts of data in real time
- C. which can be analyzed vast of amounts of data in real the ime
- D. that can analyze vast amounts of data within the real time

Câu 20:

- A. should be integrated into even more sectors
- B. must be integrated with even more sectors
- C. will be integrated into even more sectors
- D. will be integrating into even more sectors

Câu 21:

- A. to be automated routine tasks to improve their bottom line
- B. automate routine tasks to be improved their bottom line
- C. to automating routine tasks to have improvement their bottom line
- D. automating routine tasks to improve their bottom line

Câu 22:

- A. lead to the transformation of entire industries
- B. leading to development of the industries entire.
- C. lead with the transformations of entire industries
- D. lead to the diversity of entire industries

Read the following passage about *The Role of Technology in Economic Growth and Small Business Development* and mark the letter A, B, C or D on your answer sheet to indicate the best answer to each of the following questions from 23 to 30.

The rapid advancement of technology has significantly influenced global economies over the past few decades. Technologies such as artificial intelligence (AI), automation, and data analytics are transforming industries and opening new opportunities for growth. However, while larger economies are rapidly adopting these technologies, there are concerns about how developing countries will adapt. According to a report by the World Economic Forum, the adoption of AI could add \$15.7 trillion to the global economy by 2030. But, many small businesses in developing regions may face challenges in keeping up with these innovations.

In fact, technology has already led to **substantial** shifts in the job market. Automation, for example, has already replaced many manual jobs in sectors such as manufacturing and agriculture. While this has led to

efficiency gains, it has also resulted in job losses. The fear is that many low-skilled workers will be left behind as businesses transition to more automated operations. On the other hand, technology also creates new jobs, especially in fields like software development, data science, and digital marketing.

Governments and international organizations are working together to help businesses and workers adapt to these changes. Some countries have established digital infrastructure to support businesses in rural areas, enabling **them** to connect with global markets. Furthermore, education and training programs are being developed to help workers acquire skills that align with the demands of the modern economy.

One **promising** example is the use of mobile technology in Africa, which has transformed various sectors. Mobile banking, for instance, has enabled millions of people in sub-Saharan Africa to access financial services for the first time. This has helped small businesses grow by giving them easier access to loans and facilitating transactions. Similarly, blockchain technology is revolutionizing supply chain management by making it more transparent and efficient.

In conclusion, while technology has brought both challenges and opportunities, it is clear that its role in economic development will only continue to grow. For countries that embrace these changes, technology could be a key driver of economic prosperity in the future.

(Adapted from the asean news)

Câu 23: Which of the following is NOT mentioned as a technology influencing the global economy?

- A. Artificial intelligence
- B. Blockchain
- C. Mobile technology
- D. Nuclear power

Câu 24: The word "**substantial**" in paragraph 2 is OPPOSITE in meaning to

- A. minor
- B. critical
- C. essential
- D. minimal

Câu 25: The word "**them**" in paragraph 3 refers to

- A. businesses
- B. workers
- C. businesses and workers
- D. governments

Câu 26: The word "**promising**" in paragraph 4 could be best replaced by

- A. Encouraging
- B. Discouraging
- C. Pessimistic
- D. Unfavorable

Câu 27: Which of the following best paraphrases the underlined sentence "**Governments and international organizations are working together to help businesses and workers adapt to these changes**" in paragraph 3?

- A. Governments and organizations are trying to stop the development of new technologies.
- B. Governments and organizations are supporting businesses and workers to cope with technological changes.
- C. Governments are working on banning new technologies to protect workers.
- D. Governments are looking for ways to prevent businesses from using technology.

Câu 28: Which of the following is TRUE according to the passage?

- A. Technology will not affect economies in developing countries.
- B. Automation has resulted in job creation, not job losses.
- C. Mobile banking has helped millions of people in sub-Saharan Africa.
- D. Digital infrastructure is not important for business growth.

Câu 29: In which paragraph does the writer discuss the impact of technology on the job market?

- A. Paragraph 1
- B. Paragraph 2
- C. Paragraph 3
- D. Paragraph 4

Câu 30: In which paragraph does the writer explore the role of technology in small business growth?

- A. Paragraph 1
- B. Paragraph 2
- C. Paragraph 3
- D. Paragraph 4

Read the following passage about *The Role of Artificial Intelligence in National Security in the Modern Age* and mark the letter A, B, C or D on your answer sheet to indicate the best answer to each of the following questions from 31 to 40.

[I] In recent years, the role of artificial intelligence (AI) in national security has grown significantly, becoming an essential tool for governments worldwide. [II] As AI technology advances, its applications are increasingly relied upon to enhance defense capabilities, intelligence gathering, and public safety. By 2030, it is predicted that AI will be a central component of most national security strategies, reshaping how governments approach defense and cybersecurity. [III] Various factors contribute to the growing reliance on AI in this field, leading to both opportunities and challenges. [IV]

AI offers several advantages in national security. One key benefit is **its** ability to process vast amounts of data quickly and accurately, which can help in detecting threats, monitoring suspicious activities, and analyzing patterns for preventive measures. Additionally, AI systems can assist in automating tasks such as surveillance, reducing the need for human intervention, and enhancing efficiency in response times. However, AI also poses significant risks. The use of AI in cyber warfare, for instance, can potentially enable hostile states or organizations to carry out attacks that are harder to trace and defend against.

One of the most significant challenges in using AI for national security is ensuring the ethical use of the technology. For instance, AI-powered surveillance systems could be used to infringe on privacy rights, raising **concerns about** civil liberties and government overreach. Another concern is the potential for AI to make autonomous decisions in military operations, where the risk of unintended consequences could be **catastrophic**.

AI is also reshaping the way national security agencies recruit and train personnel. Modern security forces are increasingly seeking individuals with expertise in AI, data analysis, and machine learning. This shift requires

a rethinking of traditional recruitment processes and the development of specialized training programs to ensure personnel are equipped to handle the complexities of AI-driven operations.

As AI continues to evolve, it is crucial that governments balance its use in national security with strict regulatory frameworks, transparency, and accountability. This will ensure that the benefits of AI can be harnessed without compromising democratic values or public trust.

(Adapted from daily news)

Câu 31. Where in paragraph I does the following sentence best fit?

AI has become a crucial part of modern national security systems, playing an important role in defense and intelligence gathering.

- A. [I] B. [II] C. [III] D. [IV]

Câu 32. The phrase “**concerns about**” in paragraph 3 could be best replaced by ____ .

- A. contributes to B. leads to C. worries about D. believes in

Câu 33. The word “**its**” in paragraph 2 refers to ____ .

- A. cybersecurity’s B. government’s C. AI’s D. state’s

Câu 34. According to paragraph 2, which of the following is NOT a benefit of using AI for national security?

- A. AI can process vast amounts of data quickly.
B. AI can automate surveillance and improve efficiency.
C. AI can reduce the need for human intervention in defense operations.
D. AI makes it harder to trace and defend against cyberattacks.

Câu 35. Which of the following best summarizes paragraph 3?

- A. AI presents several challenges, especially related to its ethical use and potential impact on privacy and military decisions.
B. The use of AI in national security requires greater transparency to avoid unintended consequences.
C. Autonomous AI decisions in defense operations could prevent human error and improve military response.
D. The use of AI in defense systems poses no significant risk to national security or privacy.

Câu 36. The word “**catastrophic**” in paragraph 3 is OPPOSITE in meaning to ____ .

- A. disastrous B. severe C. beneficial D. alarming

Câu 37. Which of the following is TRUE according to the passage?

- A. AI has no significant drawbacks when used in national security.
B. AI systems have no role in cybersecurity or defense operations.
C. AI is becoming increasingly essential in national security strategies.
D. National security agencies have no concerns about the ethical use of AI.

Câu 38. Which of the following best paraphrases the underlined sentence “*As AI continues to evolve, it is crucial that governments balance its use in national security with strict regulatory frameworks, transparency, and accountability*” in paragraph 4?

- A. As AI becomes more advanced, governments must prioritize regulation and transparency in its use for national security.
- B. Governments need to focus on increasing the use of AI while ensuring its ethical application in national security.
- C. AI should be used freely by governments in national security without much oversight.
- D. Strict regulations are unnecessary as AI continues to evolve in the national security sector.

Câu 39. Which of the following can be inferred from the passage?

- A. AI's primary application in national security is focused on improving privacy protections.
- B. Governments are increasingly concerned with ensuring AI does not harm civil liberties or lead to overreach.
- C. The primary role of AI in national security is to replace human soldiers and officers in military operations.
- D. There is no significant demand for AI specialists in national security agencies.

Câu 40. Which of the following best summarizes the passage?

- A. AI is transforming national security by enhancing data processing and surveillance capabilities, but raises ethical and privacy concerns that require careful regulation.
- B. As AI advances, it will completely replace human personnel in national security roles, improving efficiency without ethical risks.
- C. AI's role in national security is only focused on improving military operations and cybersecurity, with minimal concern for civil liberties.
- D. The adoption of AI in national security is a simple solution to combat emerging threats without any significant risks or ethical considerations.