

<p>SỞ GIÁO DỤC VÀ ĐÀO TẠO NINH BÌNH</p> <p>NHÓM 05 TRƯỜNG THPT</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"> <p>ĐỀ THI THỬ LẦN 1</p> </div>	<p>KỲ THI CHỌN HỌC SINH GIỎI LỚP 12 CẤP TỈNH</p> <p>Môn: Tiếng Anh</p> <p><i>Thời gian làm bài: 60 phút, không kể thời gian giao đề</i></p> <p><i>(Đề thi gồm: 08 trang)</i></p>
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Họ tên thí sinh: **SBD:**

I. LISTENING

Part 1. For questions 1-5, Listen to a conversation between two students and choose the correct answer A, B, C or D to each question memory and mark the letter A, B, C, or D on your answer sheet to indicate the correct answer to each of the following questions according to what you hear.

Question 1. How does the girl feel when she says "A science fair? That's peculiar"?

- A. She is pleased. B. She is confused. C. She is happy. D. She is boring.

Question 2. Why does the boy mention the science fair?

- A. To claim that it is going to be held at the school
 B. To encourage the girl to enter it along with him
 C. To state that he intends to win this year's competition
 D. To tell the girl what he was speaking to teacher about

Question 3. In which subject is the boy doing research?

- A. Music B. Chemistry C. Maths D. Art

Question 4. What does the boy mention about Mr. Stevenson?

- A. He is the school's only science teacher. B. He is doing research with the boy.
 C. He designed the film's poster. D. He is thinking of teaching at another school in the city.

Question 5. What can be inferred about the boy?

- A. He is better at sports than at science. B. He is a classmate of the girl.
 C. He is the top student at the school. D. He intends to enter the science fair.

Part 2. For questions 6-10, listen to an interview in which two academics, Julia Ford and Stuart Cameron, discuss human memory and mark the letter A, B, C, or D on your answer sheet to indicate the correct answer to each of the following questions according to what you hear.

Question 6. Julia and Stuart both think that concerns about the reliability of shared memories are _____.

- A. over-emphasized in some studies. B. reasonable in some situations.
 C. underestimated by some psychologists. D. unfounded in legal contexts.

Question 7. When observing how older couples remembered information, Stuart was surprised by _____.

- A. the marked difference in the success of their approach
 B. the few signs of personal disagreement
 C. the great variety in the memories recalled
 D. the evidence of the use of similar processes.

Question 8. Julia and Stuart agree that the least effective sharing of memories occurred when one person _____.

- A. ignored the knowledge of the other person.
 B. tried to control the direction of the conversation.
 C. knew a lot more about the topic than the other person.
 D. contradicted information given by the other person.

Question 9. Julia contrasts humans with animals in order to _____.

- A. illustrate human social independence.
- B. suggest humans abuse their privileges.
- C. emphasize the carelessness of some humans.
- D. explain how humans are vulnerable.

Question 10. When talking about the nature of change in human memory, Julia and Stuart reveal _____.

- A. their respect for art history.
- B. their insistence on scientific evidence.
- C. their interest in cultural explanations.
- D. their differences regarding philosophical claims.

II. LANGUAGE IN USE -READING

Read the following advertisement 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 11 to 16.

Obesity is a multifaceted and (11) _____ that requires urgent, comprehensive intervention. This article highlights the complex interplay of genetic, environmental, behavioral, and socioeconomic factors (12) _____ to the rising prevalence of obesity, which now (13) _____ an effect over one billion individuals worldwide. The severe health consequences associated with obesity—including cardiovascular diseases, type 2 diabetes, certain cancers, and diminished quality of life—underscore its classification as a chronic disease requiring sustainable management rather than short-term weight loss efforts. Because obesity often triggers persistent (14) _____ responses that disrupt metabolic processes throughout the body, its long-term treatment demands a comprehensive and sustained approach. Effective public health policies must address obesogenic environments (15) _____ regulatory measures such as food taxation, improved urban planning, and restrictions on unhealthy food marketing, while clinical management should strive (16) _____ lifestyle modifications, pharmacotherapy, and, in severe cases, bariatric surgery.

(Adapted from: <https://www.sciencedirect.com/science/article/>)

Question 11. A. escalating global health crisis. B. global health escalating crisis
C. escalating crisis global health D. escalating global health crisis

Question 12. A. which contributing B. contributing
C. contributed D. which contributed

Question 13. A. takes B. exposes C. exerts D. brings

Question 14. A. inflaming B. inflammatory C. inflammable D. nonflammable

Question 15. A. with B. through C. about D. for

Question 16. A. integrate B. integrating C. to integrating D. to integrate

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 17 to 22.

EMBRACING SOCIAL MEDIA: NAVIGATING THE DIGITAL LANDSCAPE

Facts and Figures:

(17) _____ the rapid digital transformation, social media has become an integral part of modern communication, bringing people together and allowing them to share information and engage with a global audience. Instead of relying solely on traditional methods, individuals and businesses are now using social media to build up networks, promote content, and interact with (18) _____ anyone online. Being proficient in social media helps individuals and businesses set up professional connections, (19) _____ their messages effectively, and engage with others. Another critical aspect is understanding the impact of social media on privacy and security, which requires users to be (20) _____ of the information they share. As social media continues to evolve, it's essential to stay updated on trends and best practices to make effective use of these platforms.

Key Practices:

- Always verify information from reliable sources before sharing to avoid (21) _____ misinformation.

- Given the growing concerns about online privacy, manage your social media settings to protect personal information.
- When posting content, consider the (22)_____ of personal detail disclosed, and aim for a balance between sharing and privacy.
- Use privacy settings and tools provided by social media platforms to control who can view your information and posts.

Promoting Responsible Use:

- Encourage others to use social media responsibly and stay informed about the latest updates and features.
- Support educational programs and workshops that teach digital literacy and safe social media practices in your community.

(<https://www.aimtechnologies.co/>)

Question 17. A. In term of	B. With a view to	C. In response to	D. In light of
Question 18. A. mostly	B. most of	C. almost	D. most
Question 19. A. fall out	B. walk back	C. get across	D. wear off
Question 20. A. jealous	B. mindful	C. resentful	D. cognizant
Question 21. A. implying	B. evoking	C. disseminating	D. replicating
Question 22. A. level	B. amount	C. range	D. number

Read the following passage about health advice on fatigue 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 23 to 27.

Google AI VEVO 3 is the latest innovation in artificial intelligence developed by Google, (23)_____. This advanced system is designed to analyze, interpret, and predict patterns in vast amounts of data. It is built upon the foundation of previous versions while introducing more powerful machine learning techniques. (24)_____.

Processing millions of datasets simultaneously through advanced computational frameworks, (25)_____. This feature is especially useful in areas like digital marketing, education, and healthcare, where tailored solutions are increasingly in demand. The system can recognize subtle differences in language, tone, and intent, improving the accuracy of automated communication. As a result, businesses can increase efficiency and provide better customer service through AI-powered tools.

Another strength of VEVO 3 lies in its adaptability across multiple industries and platforms. The system, whether integrated into smartphones, enterprise software, or research systems, (26)_____. Its deep learning core allows it to learn continuously from its environment, enhancing its responses and decision-making abilities over time. This makes it a valuable asset for developers and organizations aiming to stay competitive in a rapidly evolving tech landscape. (27)_____. Google has implemented advanced encryption and bias-monitoring mechanisms to ensure the system operates fairly and securely. Transparency tools are included so users can understand how decisions are made and why.

Question 23.

- A.** whose dedicated team spent three years refining its overall structure and key functionalities
- B.** its team of researchers and engineers have been refined for nearly three years
- C.** that their researchers and engineers spent almost three years to improve it completely
- D.** of whom the researchers and engineers spending three years to develop and refine it

Question 24.

- A.** VEVO 3 stands out for its enhanced natural language processing, which helps make communication with machines less natural and user-friendly
- B.** VEVO 3 is particularly notable for its improved natural language processing, making interactions with machines feel more intuitive
- C.** One of VEVO 3's key strengths are its advanced language processing, allowing users to interact with machines in a more intensive way
- D.** Regardless of its upgraded natural language capabilities, VEVO 3 enables smoother and more intuitive

human-machine interactions

Question 25.

- A. highly personalized recommendations adapt to users' preferences and behavior, allowing VEVO 3 to deliver increasingly tailored results
- B. users' preferences and behavior actively shape the personalized recommendations that VEVO 3 delivers and continuously adapts over time
- C. users receive highly personalized recommendations through VEVO 3, which adapt and evolve based on their preferences and behavior
- D. VEVO 3 enables users to receive highly personalized recommendations that evolve with their preferences and behavior

Question 26.

- A. performs reliably across a wide range of contexts due to the flexibility embedded within its external structure
- B. operates smoothly because its architecture has been deliberately engineered for adaptability
- C. demonstrates strong performance particularly when supported by an architecture designed to be flexible
- D. functions with notable smoothness and efficiency in various settings thanks to its flexible architectural design

Question 27.

- A. Throughout the development of VEVO 3, considerable emphasis was placed on downplaying both security safeguards and ethical implications
- B. Security and ethical principles served as influential factors that significantly shaped VEVO 3's overall design process
- C. Ethical and security considerations have likewise played a substantial role in informing the design of VEVO 3
- D. Instead of prioritising fairness and security, Google places greater emphasis on speed and overall system performance

Read the passage 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 28 to 35.

In an era of accelerating globalisation, cultural heritage is confronted by unprecedented pressures that threaten its continuity and significance. Traditional practices, historical sites, languages, and intangible customs are no longer insulated from transnational currents of commerce, media, migration, and digital exchange. While global interconnectedness promotes cross-cultural dialogue and exchange, it also exerts **homogenising** forces that risk eroding local identities. Therefore, reconciling the tension between universal modernity and particular local heritage has become a central challenge for communities and policymakers alike.

Cultural sustainability involves not merely preserving relics or monuments, but sustaining living traditions in ways that keep them relevant within evolving sociocultural contexts. Heritage institutions—such as museums, archives, community centres—play a pivotal role: they mediate between past and present, safeguard artifacts, and facilitate public engagement. Yet **their** capacity is strained when resources are constrained or when they fail to adapt to new technological modalities. In many settings, these institutions must **reinvent** themselves, integrating digital media, interactive displays, or community-based programming to maintain resonance with younger generations.

The relationship between heritage and identity is dynamic: people's sense of who they are is continuously negotiated through memory, cultural practice, and collective narratives. However, globalisation complicates this negotiation by introducing hybrid identities, multiple allegiances, and fluid cultural boundaries. In some communities, the encroachment of universal cultural norms may displace local symbols or languages, resulting in identity dilution. This process is not always visible: **subtle shifts in education, media consumption, or institutional priorities can gradually marginalise indigenous perspectives.** The danger lies in the tacit privileging of dominant cultural forms over less dominant ones.

Safeguarding cultural heritage in a globalised world thus demands courage and strategic innovation. Governments, scholars, and local stakeholders must not only legislate protections but also foster inclusive cultural politics. That means ensuring marginalized communities have agency in narrating their histories, embedding heritage education across curricula, and leveraging digital platforms to reanimate traditions. In doing so, cultural heritage becomes not a relic of the past, but a living resource for sustainable identity formation in an interconnected future.

(Adapted from: <https://en.vass.gov.vn/>)

Question 28. Which of the following is NOT mentioned in the passage as a pressure on cultural heritage?

- A. Cross-border migration and global commerce
- B. Widespread influence of digital communication
- C. Natural disasters disrupting local environments
- D. Transnational media and homogenising forces

Question 29. The word “homogenising” in paragraph 1 is OPPOSITE in meaning to _____.

- A. diversifying B. unifying C. standardising D. centralising

Question 30. The pronoun “their” in paragraph 2 refers to _____.

- A. the resources available to heritage organisations
- B. the younger generations engaging with traditions
- C. the institutional capacities of museums and archives
- D. the traditions being preserved by local communities

Question 31. The word “reinvent” in paragraph 2 could be best replaced by _____.

- A. dissolve B. reimagine C. restore D. replicate

Question 32. Which of the following best paraphrases the underlined idea in paragraph 3?

- A. Gradual and often unnoticed changes may weaken the visibility of native voices.
- B. Minor reforms in education inevitably lead to the disappearance of indigenous culture.
- C. Indigenous traditions vanish instantly once media priorities are altered.
- D. Marginalised communities deliberately withdraw from educational and media systems.

Question 33. Which of the following statements is TRUE according to the passage?

- A. Cultural identity is permanently fixed and unaffected by external forces.
- B. Heritage institutions must adapt to technological innovations to engage the public.
- C. Safeguarding heritage depends mainly on legal frameworks and state decrees.
- D. Globalisation guarantees an equal platform for all cultural forms.

Question 34. In which paragraph does the writer discuss the emergence of hybrid identities as a consequence of globalisation?

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

Question 35. In which paragraph does the writer examine strategic innovation in cultural politics as a solution?

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

Read the passage 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 36 to 45.

Generation Beta, defined as children born from January 1, 2025, onwards, represents the forthcoming demographic cohort that will fundamentally reshape global society. Following Generation Alpha (2010-2024), Gen Beta is anticipated to comprise approximately 16% of the world's population by 2035, with many members expected to live well into the 22nd century. This generation's trajectory is completely **off the hook** in terms of technological integration and societal complexity. Their existence will be contemporaneous with unprecedented advancements in artificial intelligence, automation, and digital convergence across all domains of human experience.

The formative environment for Generation Beta encompasses multifaceted dimensions that will indelibly shape **their** worldview and competencies. [I]. These young individuals will navigate a world where artificial

intelligence permeates education, healthcare, entertainment, and quotidian decision-making processes. [II] Simultaneously, they will inherit significant environmental and demographic challenges, including climate change, urbanization, and population redistribution. Their parents—predominantly younger millennials and older Generation Z members who possess digital nativity—will presumably prioritize values such as adaptability, environmental consciousness, and responsible technology stewardship.

[III]. Because Gen Beta's upbringing will be shaped by parents with substantial digital experience themselves, contemporary parenting norms are expected to demonstrate heightened consciousness regarding technology's role in child development. Schools and domestic environments will increasingly rely upon personalized, technology-driven pedagogical frameworks that transcend conventional educational modalities. [IV]. This paradigm shift necessitates parental vigilance regarding screen time management, digital identity formation, and the cultivation of discernment in technology utilization from developmental infancy onwards.

Understanding this emerging generation facilitates societal preparation and strategic foresight. While generational nomenclature remains somewhat imprecise as an analytical framework, these categorical designations function as pragmatic instruments for comprehending evolving social, technological, and cultural phenomena. Anticipating Gen Beta's values, aspirations, and challenges enables educators, policymakers, and industry stakeholders to implement proactive measures that will facilitate their flourishing and address prospective global exigencies.

(<https://nypost.com/lk>)

Question 36: The phrase “off the hook” in paragraph 1 has the closest meaning to _____.

- A. compatible B. exceptional C. acquittal D. exuberant

Question 37: According to the passage, which of the following is NOT mentioned as a shaping force for Generation Beta?

- A. AI integration in education, healthcare, and entertainment
B. Environmental challenges like climate change and urbanization
C. Economic inequality from automation displacing employment
D. Generation Z parents influencing technology values

Question 38: Where in the paragraph does the following sentence best fit?

The implications for parenting paradigms and educational infrastructure are substantial and multifaceted.

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

Question 39: The word “their” in paragraph 2 refers to _____.

- A. Generation Beta B. The formative environment
C. Multifaceted dimensions D. The parents of Generation Beta

Question 40: Which of the following best summarises paragraph 3?

- A. Generation Beta's digitally experienced parents will maintain traditional child-rearing while schools adopt personalized technology frameworks.
B. Educational institutions will face challenges implementing new technology-driven approaches as parents struggle with digital consciousness in child development.
C. Schools must replace conventional teaching methods with personalized frameworks while parents focus on limiting screen time and technology exposure.
D. Both parenting and education will undergo significant changes as digitally experienced parents embrace technology-conscious approaches and schools implement personalized frameworks.

Question 41: The word “vigilance” in paragraph 3 is OPPOSITE in meaning to _____.

- A. inclination B. conscientiousness C. insouciance D. equivocation

Question 42: Which of the following best paraphrases the underlined sentence in paragraph 4?

- A. Although generation categories provide precise analytical frameworks, they serve limited practical value in understanding contemporary social and technological developments.
B. Despite generation labels being somewhat inaccurate for analysis, they remain useful practical tools for understanding changing social, technological, and cultural trends.
C. Because generational classifications lack analytical precision, researchers must develop alternative methods to comprehend evolving social, technological, and cultural patterns.

D. Since generation naming systems offer comprehensive analytical accuracy, they effectively facilitate understanding of stable social, technological, and cultural phenomena.

Question 43: Which of the following is TRUE according to the passage?

A. Generation Beta will be raised by parents who are predominantly younger millennials and older Generation Z members possessing substantial digital experience and nativity.

B. Generation Beta is expected to comprise approximately 26% of the world's population by 2035, making them the largest and most influential demographic cohort globally.

C. Generation Alpha encompasses children born from 2010 to 2025, while Generation Beta begins from January 1, 2026, creating distinct technological and cultural boundaries.

D. Schools will abandon personalized technology frameworks in favor of conventional educational modalities to address Generation Beta's unique developmental and learning requirements effectively.

Question 44: Which of the following can be inferred from the passage?

A. Generation Beta will likely face fewer intergenerational technology conflicts due to their parents' existing digital literacy and technological experience.

B. Generation Beta will completely abandon traditional education methods in favor of entirely AI-based autonomous learning systems throughout their development.

C. Generation Beta's extended lifespan will primarily result from technological advances rather than healthcare improvements or environmental changes.

D. Generation Beta will encounter fewer environmental challenges because their parents will have already implemented comprehensive climate change solutions.

Question 45: Which of the following best summarises the passage?

A. Generation Beta will experience unprecedented technological integration requiring innovative educational approaches and parenting strategies.

B. Generation Beta will face environmental challenges while navigating a world where AI permeates daily decision-making.

C. Generation Beta's development will be shaped by digitally native parents necessitating new educational frameworks.

D. Generation Beta emerges as a transformative cohort requiring proactive preparation from educators and policymakers.

III. WRITING

Mark the letter A, B, C, or D on your answer sheet to indicate the best arrangement of sentences to make a cohesive and coherent text in each of the following questions from 46 to 50.

Question 46:

a. Disarming this enzyme makes cells more likely to die off—and if disarmed in cancerous cells, that may stop tumors from growing so fast.

b. Scientists may have found a new target to help slow the spread of cancer—a protein that can be manipulated to make cancerous cells self-destruct.

c. Understanding how to trigger this self-destruct process in cancer cells—known as ferroptosis—is one avenue researchers believe might eventually lead to new cancer treatments.

d. Two new papers published in *Nature* show that researchers are homing in on ferroptosis suppressor protein 1 (FSP1), an enzyme that provides one of our body's strongest defenses against a specific type of cell death that breaks down a cell from the inside out.

e. The research teams, one led by Harvard University and another by New York University, found that when they blocked FSP1 in lymph nodes and lung tumors in live mice with cancer, the tumors grew at a significantly slower rate compared to controls.

A. b-a-d-e-c

B. b-d-e-a-c

C. b-e-a-d-c

D. b-d-a-e-c

Question 47:

a. With proper management, AI has the potential to enhance various aspects of society and create a brighter future for humanity.

b. In education, AI provides personalized learning experiences, enabling students to learn at their own pace and overcome challenges effectively.

- c. However, the risks of AI, such as job displacement due to automation and ethical concerns like data privacy, must not be ignored. To fully harness AI's benefits, strict regulations are necessary to address these challenges and ensure its responsible use.
- d. Advancements in artificial intelligence (AI) have sparked debates about its impact on our lives, but I believe that AI will have a predominantly positive influence on the future if applied responsibly.
- e. AI has already revolutionized sectors like healthcare and education by enhancing efficiency and accuracy. For instance, AI-powered technologies can diagnose diseases earlier and more precisely, saving lives and easing the workload of medical professionals.

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

Question 48:

- a. As global demand intensifies, many nations are beginning to recognize that exploiting natural resources without restraint threatens long-term environmental stability.
- b. Nonetheless, implementing sustainable practices often proves challenging, as economic pressures push governments to prioritize short-term gains over ecological responsibility.
- c. The depletion of forests, minerals, and freshwater sources has already led to significant ecological disruption in many regions.
- d. To address this escalating crisis, experts argue that comprehensive international cooperation is essential for establishing stricter regulations and technology-driven conservation strategies.
- e. Without such coordinated efforts, the imbalance between consumption and regeneration could reach a critical point, resulting in irreversible damage to global ecosystems.

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

Question 49:

- a. Applicants are required to demonstrate significant financial need by submitting detailed income documents and completing the CSS Profile, which allows Harvard to assess their eligibility for institutional support.
- b. Once the application file is complete, the admissions committee evaluates the candidate holistically, considering academic performance, extracurricular achievements, and personal qualities before determining scholarship suitability.
- c. To begin the process, prospective students must first submit the Common Application or Coalition Application, accompanied by official transcripts, recommendation letters, and standardized test scores if applicable.
- d. After receiving the admission offer, students are informed of their financial aid package, which may include grants, scholarships, and work-study opportunities designed to ensure affordability.
- e. In some cases, applicants may be asked to provide supplementary financial documentation or clarification to ensure accuracy and transparency in the evaluation process.

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

Question 50:

- a. The pie charts compare the proportion of three main macronutrients in separate diets, namely an average diet, a healthy diet and a healthy diet for sport.
- b. By contrast, fat consumption remains lowest in all healthy diets for people playing sports (15%), while the figures for an average diet and a healthy diet are equal (20%).
- c. In terms of protein, average diet eaters require the highest level, at 40%. This is 10% higher than the proportion of protein in a healthy diet, and 15% more than the proportion in a healthy diet for sport.
- d. Sport players select a healthy diet with 60% of carbohydrates. The percentages of carbohydrates in a healthy diet and an average diet are relatively lower, at 50% and 40% respectively.
- e. In general, carbohydrates are the highest nutritional ingredient overall, whereas the rate of fat is the lowest among given diets. It is noticeable that a healthy diet for sports consumes the highest amount of carbs but the lowest amount of fat compared to the two remaining diets.

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