

Thời gian làm bài: 50 phút (không kể thời gian phát đề)

Read the following announcement 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 1 to 6.

Asian Youth Science Forum 2025 – Inspiring Future Innovators

Scheduled from September 2nd to 5th in Ho Chi Minh City, the Asian Youth Science Forum 2025 will welcome young researchers from 20 countries with the projects (1) _____ highlight creative solutions to global challenges. The forum will also invite Vietnam's (2) _____ universities to share their latest scientific achievements.

Participants will experience a large (3) _____ of presentations, experiments, and interactive exhibitions. In addition, several panel discussions (4) _____ by distinguished professors will provide deeper insights into sustainable development.

This forum offers a meaningful opportunity for teachers, students, and science (5) _____ to exchange ideas and (6) _____ new skills for their future academic paths.

Question 1. A. which B. whose C. who D. whom

Question 2. A. leading B. flying C. heading D. directing

Question 3. A. range B. number C. level D. amount

Question 4. A. being organised B. organised
C. organise D. be organising

Question 5. A. enthusiastic B. enthuse C. enthusiastically D. enthusiasts

Question 6. A. pick up B. turn up C. break up D. give up

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 from 7 to 14.

Renewable energy communities, where households work together to generate clean power, are growing rapidly in many countries. Smart meters, solar sensors, wind-speed trackers, and energy-analysis software provide real-time data that helps members optimise their shared systems. Collected information on sunlight levels, battery storage, and electricity usage allows energy teams to accelerate decisions on when to store, release, or share power. By acting quickly, communities avoid wasting energy and reduce dependence on the national grid.

Mapping tools show which rooftops receive the strongest sunlight and which areas should host

additional solar panels. They also indicate places where wind turbines can operate safely. Drones deliver early alerts when equipment overheats or blades become blocked, so technicians can repair only the affected parts. This prevents large-scale breakdowns and helps lower maintenance costs for the entire community.

Automated energy-flow systems adjust power distribution every hour. Special software tracks household energy needs and forecasts weather patterns for the coming days. When energy demand increases or storms approach, the system changes the power route instantly. This saves electricity and keeps renewable-energy projects viable, especially in regions where weather conditions are unpredictable.

Digital platforms link households, engineers, and energy suppliers so they can update battery levels, output measurements, and transfer times immediately. Blockchain tools secure every entry, encouraging members to trust the recorded information. Over time, analytic programs compare seasonal data to predict energy shortages, plan resource allocation, and reveal weak points in the power network.

Question 7. Which of the following is NOT mentioned in paragraph 1 as a type of collected real-time data?

- A. electricity usage B. battery storage C. sunlight levels D. wind directions

Question 8. The word “accelerate” in paragraph 1 can be best replaced by _____.

- A. speed B. explain C. reduce D. request

Question 9. The word “blocked” in paragraph 2 is **OPPOSITE** in meaning to _____.

- A. cleared B. stuck C. obstructed D. jammed

Question 10. The word “They” in paragraph 2 refers to _____.

- A. mapping tools B. rooftops C. solar panels D. wind turbines

Question 11. Which of the following best paraphrases the underlined sentence in paragraph 3?

- A. Saving electricity helps renewable-energy projects remain affordable and effective.
B. Renewable-energy projects work only when weather is stable.
C. Saving electricity is unnecessary for the success of energy projects.
D. Renewable-energy projects are successful because they always produce extra power.

Question 12. Which of the following is TRUE according to paragraph 4?

- A. Blockchain makes energy data unsafe.
B. Members can trust information because blockchain protects it.
C. Energy suppliers upload data only when requested.
D. Analytic programs remove all seasonal information.

Question 13. Which paragraph mentions real-time tracking of power distribution?

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

Question 14. Which paragraph mentions a preventive measure against equipment failure?

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

Mark the letter A, B, C or D on your answer sheet to indicate the best arrangement of utterances or

sentences to make a cohesive and coherent exchange or text in each of the following questions from 15 to 19.

Question 15:

- a. These centers provide structured courses with experienced teachers, interactive activities, and access to diverse learning resources.
- b. As a result, students can improve their English skills more effectively compared to self-study.
- c. Studying at an English center offers numerous advantages for learners seeking to enhance their language proficiency.
- d. Furthermore, English centers create an immersive environment where students can practice speaking and listening in real-life situations.
- e. In conclusion, enrolling in an English center is a great way to develop language skills in a systematic and engaging manner.

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

Question 16 :

- a. **David:** That's wonderful! This book has beautiful pictures of stars and simple facts.
- b. **Emma:** I love stars! My teacher said we will learn about them next week.
- c. **Emma:** Perfect! I'll take it. Thank you for your help!
- d. **Emma:** Excuse me, do you have any books about space?
- e. **David:** Yes, we do! They're in the science section over there. Are you interested in planets or stars?

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

Question 17.

- a. The process of learning throughout life also cultivates a mindset of curiosity and resilience, empowering individuals to face challenges with confidence.
- b. It allows individuals to continually adapt to the fast-paced changes of the modern world, ensuring they remain relevant and competitive in their fields.
- c. In summary, lifelong learning is not merely a strategy for career advancement but also a means to lead a more fulfilling and enriched life.
- d. Lifelong learning is a commitment that you need to make because it is essential and should be one of your top priorities.
- e. Furthermore, engaging in continuous learning enhances critical thinking and problem-solving skills, fostering both personal and professional growth.

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

Question 18:

- a. **Sarah:** Look! My new smart glasses can translate signs. I point, and it shows me words in English!
- b. **Sarah:** Yes, here you are. Just tap the side button and look at the text. It's so easy!

c. Tom: Wow! Can I try them? I want to read that Japanese menu.

A. a-c-b

B. a-b-c

C. c-a-b

D. b-c-a

Question 19:

Dear Sir,

- a. Unfortunately, due to unforeseen challenges, I was unable to meet the original deadline.
- b. I truly appreciate your patience and understanding regarding this matter.
- c. I sincerely apologize for not finishing the plan on time as expected.
- d. I am currently making the final adjustments and will submit the completed plan by the end of the week.
- e. Please let me know if you have any urgent concerns or if there is anything I can do to minimize the inconvenience.

Yours faithfully,

A. a - b - c - d - e

B. c - a - b - d - e

C. c - b - a - d - e

D. a - d - b - e - c

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 20 to 29.

In an effort to create more sustainable campuses, many universities are experimenting with “low-carbon student lifestyles,” combining behavioural changes with digital innovation. Students are encouraged to walk or cycle instead of using motorbikes, reduce food waste in canteens, and participate in recycling programmes. These initiatives are supported by mobile apps that track carbon footprints and award points for eco-friendly choices. [I] The points can later be exchanged for discounts at bookstores or campus cafés, creating an incentive system that blends environmental responsibility with daily convenience.

Despite their popularity, such programmes face obstacles. [III] Some students question the accuracy of carbon-tracking apps, arguing that they oversimplify complex behaviours. For instance, a long walk under extreme heat might be given the same score as a short walk on a cool day, even though the environmental impact differs. Others fear that constant data monitoring could violate privacy, especially when apps record location, consumption habits, and travel patterns. Administrators admit that the technology is not perfect but emphasise that it is designed to educate rather than punish.

Another difficulty lies in ensuring long-term commitment. [III] While many students eagerly participate at first, enthusiasm often fades after a few weeks. Researchers suggest that universities need to integrate sustainability into academic subjects, extracurricular projects, and even dormitory management. When students understand how lifestyle choices relate to broader environmental systems, they are more likely to form lasting habits.

Nevertheless, early evidence indicates that low-carbon lifestyle projects can positively influence entire communities. [IV] At one university in Singapore, students collaborated with local residents to design solar-powered study corners in public parks. The initiative not only reduced electricity use on campus but

also strengthened relationships between the university and neighbouring communities. As climate challenges intensify, such partnerships may become essential in building environmentally conscious cities.

Question 20. According to paragraph 1, students earn rewards by _____.

- A. joining environmental clubs
- B. choosing eco-friendly daily behaviours
- C. attending sustainability workshops
- D. competing in athletic activities

Question 21. The word “**incentive**” in paragraph 1 is closest in meaning to _____.

- A. encouragement
- B. experiment
- C. restriction
- D. investment

Question 22. What is one criticism of carbon-tracking apps?

- A. They send inaccurate discount vouchers.
- B. They oversimplify the measurement of behaviours.
- C. They promote unhealthy dieting in canteens.
- D. They encourage students to avoid walking.

Question 23. The word “**it**” in paragraph 2 refers to _____.

- A. the technology
- B. the university
- C. the discount system
- D. the environment

Question 24. According to paragraph 3, what helps increase long-term student engagement?

- A. Providing more prizes
- B. Making the rules stricter
- C. Integrating sustainability into many aspects of campus life
- D. Reducing academic workloads

Question 25. The word “**commitment**” in paragraph 3 is closest in meaning to _____.

- A. honesty
- B. involvement
- C. independence
- D. achievement

Question 26. What can be inferred from paragraph 4?

- A. Community partnerships can enhance the impact of campus sustainability initiatives.
- B. Solar-powered spaces are too expensive for most universities to consider.
- C. Only large universities can influence surrounding communities.
- D. Students are reluctant to participate in off-campus projects.

Question 27. Which sentence best fits the passage?

“In fact, not all people are convinced that these digital tools truly reflect their environmental impact.”

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

Question 28. Which of the following best summarises paragraph 2?

- A. Students lack trust in sustainability programmes due to poor teaching methods.
- B. Concerns about data privacy and inaccurate tracking make some students sceptical of the apps.
- C. Carbon-tracking apps are technologically advanced but too expensive to maintain.
- D. Administrators refuse to address problems with digital sustainability tools.

Question 29. Which of the following best summarises the whole passage?

- A. Low-carbon lifestyle programmes fail to encourage students to change behaviours.

- B. Universities should replace traditional learning activities with green technology.
- C. Low-carbon campus initiatives combine digital tools and behavioural changes but they still face several challenges.
- D. Students are discouraged by complex sustainability rules and prefer traditional campus life.

Read the following passage 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 30 to 34.

In our modern throwaway society, products are often discarded before their actual end of life, which creates massive waste problems globally. Had manufacturers designed items to last longer, we would see less waste in our landfills today. The growing repair movement, which started in small communities, (30) _____ . People are learning to fix their broken electronics; consequently, they save money and reduce environmental impact. (31) _____ .

Many companies resist this movement because planned obsolescence drives their profits; however, sustainable businesses are embracing circular economy principles. Creative upcycling, (32) _____ , transforms unwanted objects into beautiful, functional pieces. Children should be taught repair skills in schools to nurture a generation that values resources. Community workshops provide tools and expertise for those who want to extend their possessions' lifespan. Even governments are starting to recognize the importance of this shift, with some countries now implementing "right to repair" laws (33) _____ .

The true value of repairing lies not just in waste reduction but in challenging our relationship with consumption. By reimagining how we use products, we create a more sustainable future where items are treasured rather than trashed. In a world with limited resources, the repair revolution isn't just practical—it's necessary for our planet's survival. (34) _____ . Our choices today will determine whether future generations inherit a sustainable planet or a wasteland of discarded goods.

Question 30:

- A. which has now enhanced creativity through artistic workshops and craft stores
- B. having now improved sustainability through ecological awareness and green habits
- C. has now spread worldwide through online tutorials and repair cafés
- D. that has now connected people through digital platforms and social events

Question 31:

- A. Creating the foundation of building fresh skills in workshops, businesses regularly train staff over experienced workers
- B. Enjoying the satisfaction of giving new life to old items, consumers increasingly choose repair over replacement
- C. Despite the challenges of facing economic pressure in markets, companies increasingly focus profit over sustainability

- D. Seeking the opportunity of finding new ways to reduce costs, manufacturers deliberately choose automation over employment

Question 32:

- A. always requiring less technical knowledge and financial investment than traditional repairs
- B. usually containing fewer synthetic materials and chemicals than environmentally-friendly goods
- C. often providing more character and personal value than mass-produced items
- D. never developing the same durability and functional efficiency than modern technologies

Question 33:

- A. required manufacturers to make quality products accessible at reasonable prices
- B. where manufacturers will improve design features available in future generations
- C. production teams make sustainable materials available for consumer products
- D. that require manufacturers to make spare parts available for longer periods

Question 34:

- A. When products are manufactured and distributed, quality standards are maintained, profit margins are increased
- B. When products are repaired and reused, natural resources are conserved and pollution is reduced
- C. While companies create innovative designs for consumers, marketing teams develop strategies and sales increase
- D. As technology advances in modern industries, production costs fall significantly but environmental damage continues

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 35 to 40.

Simple Ways to Stay Focused While Studying

Maintaining concentration can be difficult, but a few small changes can help you stay focused (35) _____ your study sessions.

- Turn off unnecessary phone notifications, (36) _____ they can easily distract you.
- Organize your table and remove (37) _____ that you don't need for learning.
- If you have several assignments, finish one task and then prepare for (38) _____ things on your list.
- Use helpful tools to plan your breaks and manage your time more (39) _____.
- If you feel tired, take a short walk so you don't end up (40) _____ your wheels without making progress.

(Adapted from Study Skills Guide)

Question 35. A. during B. in C. for D. at

Question 36. A. but B. so C. because D. nor

Question 37. A. items distracting small
C. distracting items small

B. small items distracting
D. distracting small items

Question 38. A. others B. the others C. another D. other

Question 39. A. effectively B. suddenly C. luckily D. rarely

Question 40. A. spinning B. losing C. turning D. running

THE END