ĐỀ THAM KHẢO BỘ ĐỀ PHÁT TRIỄN MINH HỌA

Kỳ THI TỐT NGHIỆP TRUNG HỌC PHỔ THÔNG NĂM 2025 Bài thi: NGOẠI NGỮ; Môn thi: TIẾNG ANH

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

ĐỀ SỐ 09

(Đề thi có 06 trang)

Ho, tên thí sinh:	Biên soạn: TikTok @thptqg2025
Số báo danh:	

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

SMARTPHONES

Smartphones 1	have become an esse	ential part of our daily liv	/es, (1) a varie	ety of apps that can help us with
various tasks.	One particularly (2)	is Giant. It al	lows users to create to-d	o lists and set reminders for (3)
dea	adlines. The app pro	vides users (4)	a well-organized way	to organize tasks effectively.
With this app	, users can easily se	t their schedules, makin	g it simpler to (5)	track of what needs to be
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motivating. It	's a useful way to er	sure that nothing gets o	verlooked.	
Question 1:	A. offered	e e	C. to offer	D. is offering
Question 2:	A. useful smartpho	ne app	B. useful app smartph	one
	C. app useful smar	tphone	D. smartphone useful	app
Question 3:	A. import	B. importantly	C. important	D. importance
Question 4:	A. at	B. for	C. with	D. in
		B. keep		
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Though the n	ational entrance exa	am for universities appr	roaches, the number of	students playing truant have
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Question 7:	A. looked out	B. turned off	C. let down	D. gone up
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Question 12:	A. transport	B. generate	C. transmit	D. communicate

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

Question 13:

a. Minh: She was really nervous about it, but I think she did quite well.

b. Anna: I hope she gets the score she needs for her university application.

c. Anna: Hi, Minh! How did your sister do on her IELTS exam?

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

Question 14:

TikTok <a>athptqg2025

a. Minh: That's great to hear! What do you think he misses most from home?

b. Lan: He has adapted well to the new environment and seems very happy.

c. Minh: How has Manh been doing after two months in Taiwan?

d. Minh: Have you spoken to him recently to check how he's adjusting?

e. Lan: I think he misses his family and the food from Vietnam.

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Dear students,

a. As you may have heard, we will be switching to online classes for the next few weeks because of the severe storm.

b. I hope everyone is doing well despite the weather conditions.

c. I appreciate your understanding and flexibility during this time, and I'm confident we can make this work together.

d. I know this might be an adjustment for some of you, but it's important to prioritize safety.

e. Please ensure you have access to your online resources, and let me know if you have any questions or concerns. Best wishes,

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a. The quick and easy nature of platforms like TikTok and Instagram often leads to decreased attention spans, as viewers become accustomed to rapid changes and instant gratification.

b. In conclusion, while short-form content can be entertaining and engaging, it is essential to be aware of its potential harms and to practice moderation in consumption to maintain a healthy balance in our lives.

c. This type of media can also contribute to feelings of anxiety and inadequacy, as individuals may find themselves comparing their lives to the highlights showcased by others.

d. In recent years, the rise of short-form content has become a significant trend, but its negative effects on viewers cannot be overlooked.

e. Furthermore, the addictive nature of short-form content can lead to excessive screen time, negatively impacting physical health and social interactions.

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a. According to recent statistics, Vietnam ranks second in the world for coffee production, just behind Brazil, with an impressive output of over 1.5 million tons annually.

b. Furthermore, the diverse climate and geography of Vietnam allow for the cultivation of various coffee varieties, including the renowned Arabica and Robusta beans, which are in high demand internationally.

c. In conclusion, as Vietnam continues to thrive in the coffee market, it is crucial to support sustainable practices that ensure the industry's long-term viability and the well-being of those involved in it.

d. This remarkable achievement not only highlights the country's agricultural capabilities but also underscores the importance of coffee as a key export product for the Vietnamese economy.

e. Vietnam's coffee industry is a significant contributor to the global market, with the country being recognized as one of the top producers worldwide.

A. a - b - d - c - eB. e - a - d - b - cC. b - e - a - c - dD. d - b - c - a - eRead 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 18 to 22.D. d - b - c - a - e

ChatGPT is an advanced language model developed by OpenAI, (18) ______. It utilizes deep learning techniques to generate human-like text responses based on the input it receives. With applications ranging from customer support to content creation, ChatGPT has transformed the way people interact with machines.

(19)_____, ChatGPT can provide users with detailed answers, explanations, and even creative content, depending on the prompts given to it. Its ability to understand context and nuances makes it an invaluable tool for various industries.

Moreover, designed to continuously learn and improve its performance, (20) ______. This feature ensures that it stays relevant and effective in understanding evolving language trends and user expectations. ChatGPT has gained popularity in various applications, (21) ______, enhancing user experience by providing instant responses. As users become more familiar with its capabilities, (22) ______, opening new avenues for innovation and creativity.

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C. which has been trained on an extensive range of datasets to facilitate natural language ssing

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Question 22: A. users consistently express their satisfaction with the AI's capability to respond effectively

- **B.** the feedback from diverse users illustrates significant enhancements in communication abilities
- C. the demand for more advanced features and functionalities continues to grow
- **D.** sophisticated algorithms have enabled the AI to process language accurately

Read the following passage and mark the letter A, B, C, D on your answer sheet to indicate the best answer to each of the following questions from 23 to 30.

If you're new to running, or new to marathons, you might be worried about or even **<u>fearful</u>** of the distance. And these feelings are completely understandable, given the fact that more than 42 kilometres is a very long way. However, more and more people are taking on this challenge every year, and for very good reasons.

Obviously, running such a long distance requires a lot of training, and the more you train, the more your endurance will be <u>enhanced</u>. And of course, as you become more physically active, your heart and muscles will be stronger, your blood circulation will improve, and you will most likely get in shape in no time. Additionally, there are also mental and social benefits such as feeling less stressed and more energized as well as having the chance to meet and establish meaningful relationships with other people.

If you think about it, running a marathon is also a chance for personal development. Everyone has at least one fear or insecurity, and for many people, completing a marathon race can seem like an extremely daunting or even impossible task. Of course, it's true that <u>this</u> is a big challenge that requires commitment and perseverance. <u>That being said, every time you step outside out of your comfort zone and accomplish something new, you will grow stronger and become more confident.</u>

Sometimes, you can actually help many others when you run a marathon. Many runners now combine their marathon goal with the goal of helping others by participating in races that raise money for charity. Besides,

running in such marathon races will most likely give you all the motivation you need to get through the exhausting 42-kilometer run. After all, it's quite difficult to quit when you know that you are giving help to people in need.

(Adapted from active.com)

Question 23: According to the passage, all of the following are benefits of running a marathon EXCEPT

A. You will be able to improve your blood circulation and quickly get in shape.

B. Your endurance will start to improve as you train harder and harder.

C. Your muscles will be strengthened since you are more active.

D. You will feel less stressed when meeting other people.

Question 24: The word "fearful" in paragraph 1 could be best replaced by _____

A. scaryB. afraidC. anxiousD. frightening

Question 25: The word "enhanced" in paragraph 2 is OPPOSITE in meaning to _____.

A. preserved B. augmented C. weakened D. disseminated

Question 26: The word "this" in paragraph 3 refers to _____.

A. personal development **B**. insecurity **C**. completing a marathon **D**. challenge

Question 27: Which of the following best paraphrases the underlined sentence in paragraph 3?

A. Every time you leave your comfort zone and achieve something new, you will become stronger and more confident.

B. Each time you move outside your comfort zone and accomplish something odd, you will grow more resilient and confident.

C. Whenever you step outside your comfort zone and succeed in something different, you will feel a sense of superiority.

D. Every time you venture beyond your comfort zone and do something unique, you will grow stronger and become less confident.

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

A. If you want to run a marathon, you need to commit and persevere.

B. When you complete a marathon, you will no longer have any fear.

C. Most runners will not run marathons that do not raise money at all.

D. You cannot complete a marathon if you do not want to help others.

Question 29: In which paragraph does the writer mention the physical benefits of running?

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

Question 30: In which paragraph does the writer discuss personal growth opportunities that come from running a marathon?

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

Read the following passage about and mark the letter A, B, C, D on your answer sheet to indicate the best answer to each of the following questions from 31 to 40.

Some people look at an equation and see a bunch of complicated numbers and symbols while others see beauty **[I]**. Now, thanks to a new tool created at Carnegie Mellon University, anyone can now translate the abstractions of mathematics into beautiful and instructive illustrations **[II]**. This exciting new tool is named Penrose after the mathematician Roger Penrose, who is famous for using diagrams and other drawings to communicate complicated mathematical ideas **[III]**. Penrose enables users to create diagrams simply by typing mathematical expressions and letting the software do the drawing **[IV]**.

Unlike a graphing calculator, these aren't <u>restricted</u> to basic functions, but can be complex relationships from any area of mathematics. "Some mathematicians have a talent for drawing beautiful diagrams by hand, but they vanish as soon as the chalkboard is erased," said Keenan Crane, an assistant professor of computer science and robotics. "We want to make this expressive power available to anyone."

Diagrams are often underused in mathematical communication, since producing high-quality illustrations is beyond the skill of many researchers and requires a great deal of time and effort. Penrose addresses these challenges by letting diagram-drawing experts turn their knowledge about creating diagrams into computer codes *TikTok @thptqg2025* 4

so that other users can access this capability using familiar mathematical language and a computer. "We started off by asking: 'How do people translate mathematical ideas into pictures in their head?'" said Katherine Ye, a Ph.D. student in the Computer Science Department who is involved in the development of Penrose. "The <u>secret sauce</u> of our system is to empower people to easily 'explain' this translation process to the computer, so the computer can do all the hard work of actually making the picture."

Once the computer learns how the user wants to see a mathematical object visualized – a vector represented by a little arrow, for instance, or a point represented as a dot – it uses these rules to draw several candidate diagrams. <u>Users can then select and edit the diagrams they want from a gallery of possibilities</u>. A special, simple-to-learn programming language was also developed so that <u>they</u> can easily convey the ideas in their minds to the Penrose system, Crane said. "Mathematicians can get very picky about notations," he explained. "We let them define whatever notation they want, so they can express themselves naturally."

The researchers will present Penrose at the SIGGRAPH 2020 Conference on Computer Graphics and Interactive Techniques, which will be held this July. "Our vision is to be able to dust off an old math textbook from the library, drop it into the computer and get a beautifully illustrated book - that way more people understand," Crane said, noting that Penrose is a first step toward this goal.

(Adapted from sciencedaily.com)

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Question 31: Where in p	aragraph 1 does the follow	ving sentence best fit?		
For many, the e	legance of mathematical c	oncepts often goes unnoti	ced amidst the complexity.	
A. [I]	B. [II]	C. [III]	D. [IV]	
Question 32: The word '	'restricted" in paragraph 2	is OPPOSITE in meaning	g to	
A. contained	B. expanded	C. confined	D. enclosed	
Question 33: The phrase	"secret sauce" in paragrap	oh 3 could be best replace	d by	
A. unexpected benefit	B. mysterious feature	C. unnatural ability	D. special element	
Question 34: According enrose tool?	to the passage, which of th	e following is NOT ment	ioned as a feature or benefit of the P	
A. It allows users to creat	te diagrams from mathema	tical expressions.		
B. It can produce high-qu	ality illustrations without	requiring advanced drawi	ng skills.	
C. It enables users to con	nmunicate mathematical ic	leas using a programming	language.	
D. It can automatically g	enerate solutions to compl	ex mathematical problems	5.	
Question 35: The word '	'they" in paragraph 4 refer	s to		
A. users	B. diagrams	C. possibilities	D. ideas	
Question 36: Which of t	he following best summari	zes paragraph 3?		
A. Penrose allows users t	to create high-quality diag	ams quickly without need	ling artistic skills.	
B. Diagrams in mathema	tics are often underused du	ie to the time required to	create them.	
C. Penrose enables users	s to translate mathematical	l ideas into diagrams usir	ng expert knowledge and computer	
codes.				
D. Katherine Ye discusse	es the challenges mathematic	ticians face when trying to	o visualize complex ideas.	
Question 37: Which of t	he following is NOT TRU	E according to the passage	ge?	
A. Mathematical diagram	ns that are drawn by hand o	on chalkboards are not lor	ng-lasting.	
B. Diagrams are usually	not widely used to illustrat	e or communicate mather	natical ideas.	
C. Penrose uses common mathematical rules to draw diagrams for a mathematical object.				
D. Penrose's developers	want to make math easier	to understand by using illu	ustrations.	
Question 38: Which of t	he following best paraphra	ses the underlined senten	ce in paragraph 4?	
A. Users can browse and alter the diagrams they like from a variety of choices.				
B. Users can create and adjust the diagrams they desire from a selection of examples.				
C. Users can choose and modify the diagrams they prefer from a collection of options.				
D. Users can view and customize the diagrams they wish to use from an assortment of images.				
Question 39: Which of t	he following can be inferre	ed from the passage?		
A. Hand-drawn diagrams	are not as beautiful and e	asy to understand as digita	al diagrams.	
TikTok @thptqg2025			5	

B. In general, mathematicians are not very good at remembering and defining notations.

C. How a mathematical object should be visualized varies from person to person.

D. Almost all people consider traditional math textbooks to be extremely boring.

Question 40: Which of the following best summaries the passage?

A. The development of Penrose by Carnegie Mellon University aims to replace traditional graphing calculators with a tool that can only produce basic mathematical functions.

B. Penrose enables mathematicians to draw by hand and provides them with a programming language to express their ideas naturally.

C. Penrose is a new tool that allows users to create complex mathematical diagrams easily, enhancing mathematical communication and understanding.

D. The researchers at Carnegie Mellon University are focusing on the history of mathematical diagrams and their importance in education.

----- THE END ------

- Thí sinh không sử dụng tài liệu.

- Giám thị coi thi không giải thích gì thêm.

ĐÁP ÁN ĐỀ SỐ 9 BỘ ĐỀ PHÁT TRIỂN MINH HỌA

Kỳ THI TỐT NGHIỆP TRUNG HỌC PHỔ THÔNG NĂM 2025 Bài thi: NGOẠI NGỮ; Môn thi: TIẾNG ANH

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TikTok @thptqg2025

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Read the following passage and mark the letter A, B, C, D on your answer sheet to indicate the best answer to each of the following questions from 23 to 30.

If you're new to running, or new to marathons, you might be worried about or even fearful of the distance. And these feelings are completely understandable, given the fact that more than 42 kilometres is a very long way. However, more and more people are taking on this challenge every year, and for very good reasons.

Obviously, running such a long distance requires a lot of training, and the more you train, the more your endurance will be enhanced. And of course, as you become more physically active, your heart and muscles will be stronger, your blood circulation will improve, and you will most likely get in shape in no time. Additionally, there are also mental and social benefits such as feeling less stressed and more energized as well as having the chance to meet and establish meaningful relationships with other people.

If you think about it, running a marathon is also a chance for personal development. Everyone has at least one fear or insecurity, and for many people, completing a marathon race can seem like an extremely daunting or even impossible task. Of course, it's true that **this** is a big challenge that requires commitment and perseverance. That being said, every time you step outside out of your comfort zone and accomplish something new, you will grow stronger and become more confident.

Sometimes, you can actually help many others when you run a marathon. Many runners now combine their marathon goal with the goal of helping others by participating in races that raise money for charity. Besides,

running in such marathon races will most likely give you all the motivation you need to get through the exhausting 42-kilometer run. After all, it's quite difficult to quit when you know that you are giving help to people in need.

(Adapted from active.com)

Question 23: According to the passage, all of the following are benefits of running a marathon EXCEPT

A. You will be able to improve your blood circulation and quickly get in shape.

B. Your endurance will start to improve as you train harder and harder.

C. Your muscles will be strengthened since you are more active.

D. You will feel less stressed when meeting other people.

Question 24: The word "fearful" in paragraph 1 could be best replaced by

A. scaryB. afraidC. anxiousD. frightening

Question 25: The word "enhanced" in paragraph 2 is OPPOSITE in meaning to ______.

A. preservedB. augmentedC. weakenedD. disseminated

Question 26: The word "this" in paragraph 3 refers toA. personal developmentB. insecurityC. completing a marathonD. challenge

Question 27: Which of the following best paraphrases the underlined sentence in paragraph 3?

A. Every time you leave your comfort zone and achieve something new, you will become stronger and more confident.

B. Each time you move outside your comfort zone and accomplish something odd, you will grow more resilient and confident.

C. Whenever you step outside your comfort zone and succeed in something different, you will feel a sense of superiority.

D. Every time you venture beyond your comfort zone and do something unique, you will grow stronger and become less confident.

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

A. If you want to run a marathon, you need to commit and persevere.

B. When you complete a marathon, you will no longer have any fear.

C. Most runners will not run marathons that do not raise money at all.

D. You cannot complete a marathon if you do not want to help others.

B. Paragraph 2

Question 29: In which paragraph does the writer mention the physical benefits of running?

A. Paragraph 1 B. Paragraph 2 C. Paragraph 3 D. Paragraph 4 Question 30: In which paragraph does the writer discuss personal growth opportunities that come from r

Question 30: In which paragraph does the writer discuss personal growth opportunities that come from running a marathon?

A. Paragraph 1

C. Paragraph 3

D. Paragraph 4

Read the following passage about and mark the letter A, B, C, D on your answer sheet to indicate the best answer to each of the following questions from 31 to 40.

Some people look at an equation and see a bunch of complicated numbers and symbols while others see beauty **[I]**. Now, thanks to a new tool created at Carnegie Mellon University, anyone can now translate the abstractions of mathematics into beautiful and instructive illustrations **[II]**. This exciting new tool is named Penrose after the mathematician Roger Penrose, who is famous for using diagrams and other drawings to communicate complicated mathematical ideas **[III]**. Penrose enables users to create diagrams simply by typing mathematical expressions and letting the software do the drawing **[IV]**.

Unlike a graphing calculator, these aren't <u>restricted</u> to basic functions, but can be complex relationships from any area of mathematics. "Some mathematicians have a talent for drawing beautiful diagrams by hand, but they vanish as soon as the chalkboard is erased," said Keenan Crane, an assistant professor of computer science and robotics. "We want to make this expressive power available to anyone."

Diagrams are often underused in mathematical communication, since producing high-quality illustrations is beyond the skill of many researchers and requires a great deal of time and effort. Penrose addresses these challenges by letting diagram-drawing experts turn their knowledge about creating diagrams into computer codes *TikTok @thptqg2025* 10

so that other users can access this capability using familiar mathematical language and a computer. "We started off by asking: 'How do people translate mathematical ideas into pictures in their head?'" said Katherine Ye, a Ph.D. student in the Computer Science Department who is involved in the development of Penrose. "The <u>secret sauce</u> of our system is to empower people to easily 'explain' this translation process to the computer, so the computer can do all the hard work of actually making the picture."

Once the computer learns how the user wants to see a mathematical object visualized – a vector represented by a little arrow, for instance, or a point represented as a dot – it uses these rules to draw several candidate diagrams. <u>Users can then select and edit the diagrams they want from a gallery of possibilities</u>. A special, simple-to-learn programming language was also developed so that <u>they</u> can easily convey the ideas in their minds to the Penrose system, Crane said. "Mathematicians can get very picky about notations," he explained. "We let them define whatever notation they want, so they can express themselves naturally."

The researchers will present Penrose at the SIGGRAPH 2020 Conference on Computer Graphics and Interactive Techniques, which will be held this July. "Our vision is to be able to dust off an old math textbook from the library, drop it into the computer and get a beautifully illustrated book - that way more people understand," Crane said, noting that Penrose is a first step toward this goal.

(Adapted from sciencedaily.com)

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Question 31: Where in	paragraph 1 does the fe	ollowing sentence best fit?	
For many, the	elegance of mathematic	cal concepts often goes unnoticed	d amidst the complexity.
<mark>A. [I]</mark>	B. [II]	C. [III]	D. [IV]
Question 32: The word	1 "restricted" in paragra	ph 2 is OPPOSITE in meaning to	
A. contained	B. expanded	C. confined	D. enclosed
Question 33: The phra	se "secret sauce" in par	agraph 3 could be best replaced l	
A. unexpected benefit	5	re C. unnatural ability	D. special element
Question 34: Accordinent enrose tool?	g to the passage, which	of the following is NOT mentior	ned as a feature or benefit of the P
A. It allows users to cre	eate diagrams from mat	hematical expressions.	
B. It can produce high-	quality illustrations with	hout requiring advanced drawing	skills.
C. It enables users to c	ommunicate mathematic	cal ideas using a programming la	inguage.
D. It can automatically	generate solutions to co	omplex mathematical problems.	
Question 35: The word	d "they" in paragraph 4	refers to	
A. users	B. diagrams	C. possibilities	D. ideas
Question 36: Which of	f the following best sum	nmarizes paragraph 3?	
A. Penrose allows user	s to create high-quality	diagrams quickly without needin	g artistic skills.
B. Diagrams in mathem	natics are often underus	ed due to the time required to cre	eate them.
C. Penrose enables use	ers to translate mathem	atical ideas into diagrams using	expert knowledge and computer
codes.			
D. Katherine Ye discus	ses the challenges math	nematicians face when trying to v	visualize complex ideas.
Question 37: Which of	f the following is NOT	TRUE according to the passage?	?
A. Mathematical diagra	ams that are drawn by h	and on chalkboards are not long-	lasting.
B. Diagrams are usuall	y not widely used to illu	istrate or communicate mathema	tical ideas.
C. Penrose uses comm	on mathematical rules to	o draw diagrams for a mathemati	cal object.
D. Penrose's developer	s want to make math ea	sier to understand by using illust	rations.
Question 38: Which of	f the following best para	aphrases the underlined sentence	in paragraph 4?
A. Users can browse an	nd alter the diagrams the	ey like from a variety of choices.	
B. Users can create and	l adjust the diagrams the	ey desire from a selection of example	nples.
C. Users can choose ar	d modify the diagrams	they prefer from a collection of o	options.
D. Users can view and	customize the diagrams	s they wish to use from an assortr	nent of images.
Question 39: Which of	f the following can be in	nferred from the passage?	
A. Hand-drawn diagram	ns are not as beautiful a	and easy to understand as digital	diagrams.
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B. In general, mathematicians are not very good at remembering and defining notations.

C. How a mathematical object should be visualized varies from person to person.

D. Almost all people consider traditional math textbooks to be extremely boring.

Question 40: Which of the following best summaries the passage?

A. The development of Penrose by Carnegie Mellon University aims to replace traditional graphing calculators with a tool that can only produce basic mathematical functions.

B. Penrose enables mathematicians to draw by hand and provides them with a programming language to express their ideas naturally.

C. Penrose is a new tool that allows users to create complex mathematical diagrams easily, enhancing mathematical communication and understanding.

D. The researchers at Carnegie Mellon University are focusing on the history of mathematical diagrams and their importance in education.

----- THE END -----

- Thí sinh không sử dụng tài liệu.

- Giám thị coi thi không giải thích gì thêm.

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