### SỞ GIÁO DỤC VÀ ĐÀO TẠO HẢI DƯƠNG

ĐỀ CHÍNH THỰC

### KÝ THI CHON HỌC SINH GIỚI LỚP 12 THPT CẤP TỈNH NĂM HOC 2024 - 2025

Môn thị: TIẾNG ANH Ngày thi: 29/10/2024

Thời gian làm bài: 180 phút, không tính thời gian phát đề Đề thi gồm 09 trang

### CHÚ Ý:

### Thí sinh làm bài vào tờ giấy thi

Phần trắc nghiệm: Chỉ cần viết chữ cái A, B, C, ... ứng với phương án trả lời.

Phần tư luân: Viết đây đủ theo yêu cầu của bài. (Thí sinh không được sử dụng bất cứ tài liệu gì.)

#### A. LISTENING

### Hướng dẫn làm bài Nghe:

Bài Nghe gồm có 04 phần, mỗi phần thí sinh được nghe 02 lần. Mở đầu và kết thúc phần nghe có tín hiệu nhạc. Moi hướng dẫn cho thí sinh (bằng tiếng Anh) có trong bài.

### I. Listen to five short conversations and choose the option A, B, C or D that best answers each of the following questions. (5.0 points)

Question 1. Who is the message intended for?

**A.** people leaving Britain

**B.** people in Britain

**C.** foreigners to Britain

**D.** people returning to Britain

Question 2. What are the speakers discussing?

**A.** a university course **B.** a conference schedule **C.** a TV programme

**D.** a renovation plan

Question 3. What time will John and Betty arrive at the party?

**A.** 7.30

**B.** 8.30

**C.** 9.30

**D.** 10.00

Question 4. How long has Derek been working?

A. for half an hour

**B.** since 7 o'clock

**C.** for 7 hours

D. since noon

Question 5. What did the woman buy?

A. an armchair

**B.** a sofa bed

C. a wardrobe

**D.** a dining table

### II. Listen to a telephone conversation and fill in each numbered blank with NO MORE THAN 3 WORDS AND/OR A NUMBER. (5.0 points)

## DRAGON BOAT RACE **Event Details** • Type of event: Dragon Boat Race Race details Day & date: Sunday 2<sup>nd</sup> July • Place: Brighton Marina aim to raise over £1000 as a team and get a (7) free Prize Draw for a trip to Hong Kong must have crew of 20 and elect a (8) \_\_\_\_\_ • under **18s** need to have parents' permission to enter need to hire (9) \_\_\_ advised to bring extra clothes must choose a (10) for the team

# III. Listen to Tim Cole talking about guidebooks and decide whether the following statements are TRUE (T) or FALSE (F). (5.0 points)

STATEMENTS	Т	F
Question 11. Once, when Tim used a guidebook in Australia, it took him ages to find the		
place he was looking for.		
Question 12. Tim believes the problem with guidebooks is that some of them are very		
poorly researched.		
<b>Question 13.</b> The thing Tim particularly dislikes about guidebooks is the recommendations		
about where to eat.		
Question 14. Other things which should be included in guidebooks are good pictures of		
well-known tourist sites.		
Question 15. What Tim likes about Twitter tourism is the advice from other travelers was		
extremely helpful.		

	extrem	ely helpful.	tes about Twitter touri	ish is the davice from other davelers was	
L	CACI CITI	ci, ncipian			
IV.	You w	vill hear a group o	of art history stude	nts going around an art gallery with the	ir teacher. Lister
			<del>-</del>	fits according to what you hear. (5.0 poin	
Que	estion	16. Burne-Jones b	elieved that a paint	ting	-
	A.	ought to be true to	nature		
	В.	must have a clear r	moral point		
	C.	should play an inst	ructive role in an indu	strialized society	
	D.	need not have any	practical value		
Que	estion	17. It appears tha	t the story of the K	ing and the Beggar Maid was	
	A.	a well-known Victo	rian tale		
	В.	popularized by a po	pet		
	C.	brought to the artis	st's attention by his wi	ife	
	D.	taken up by novelis	sts at a later stage		
Que	estion	18. According to t	he student, how did	d the painter approach the work?	
	A.	He wanted to portr	ay the beggar very re	alistically.	
	В.	He copied parts of	the painting from an I	Italian masterpiece.	
	C.	He had certain iten	ns in the painting mad	de for him.	
	D.	He wanted to deco	rate the clothing with	jewels.	
Que	estion	19. The student th	inks that in some v	way the painting depicts	
	A.	an uncharacteristic	cally personal message	e	
	В.	the great sadness	of the artist		
	C.	the artist's inability	to return the girl's lo	ve	
	D.	the fulfillment of the	he artist's hopes and o	dreams	
Que	estion	20. What was peo	ple's reaction to the	e painting?	
	A.	They recognized F	rances Graham as the	e model for the Beggar Maid	
	В.	They realized how	personal the painting	was for the artist	
	C.	They interpreted t	he painting without di	ifficulty	
	D.	They did not appro	ove of the subject mat	tter of the painting	
B. L	EXICO	& GRAMMAR			
I. C	hoose	the best option A	, B, C or D to comple	ete the following sentences from 21 to 29	9. (9.0 points)
Que	estion	<b>21:</b> When wood, nat	tural gas, oil, or any o	other fuel burns, with oxygen in the ai	r to produce heat.
	A.	a combination of sul	ostances in the fuel	<b>B.</b> combining substances in the fuel	
	C.	substances in the fu	el that combine	<b>D.</b> substances in the fuel combine	
Que	estion	22: The first village	was not far f	from my city.	
	A.	where I visited	<b>B.</b> that I visited to	<b>C.</b> to which I visited <b>D.</b> I visited	

**Question 23:** Buying a first home is still a milestone for many young couples, \_\_\_\_\_ earlier generations.

<b>Question 24:</b> When we got to thave brought water purification			
have brought water purification	the island, we realized tha	at the water was not safe	e to drink and that we
J	tablets.		
A. would	<b>B.</b> must	C. could	<b>D.</b> should
Question 25: After a month of	apprenticeship, I hope to	the ropes an	d won't keep bothering you for help
A. study	<b>B.</b> learn	C. grasp	<b>D.</b> hold
Question 26: In some movies,	a stepmother is often des	scribed as a completely h	hard and selfish person, not
having the of human kin	ndness.		
A. tear	<b>B.</b> flesh	C. milk	<b>D.</b> blood
Question 27: kept	beeping the car horn loud	lly and the other drivers	got annoyed.
A. It is him that	<b>B.</b> He was the one	C. It was he who	<b>D.</b> The one who
Question 28: The film, which v	vas made, surprise	ed everyone by winning	three Oscars, including the one for
Best Picture.			
A. up to speed	<b>B.</b> all in good time	C. under the counter	<b>D.</b> on a shoestring
Question 29: He apologized for	r having accidentally hurt	me, saying that it just _	like that.
A. came out	<b>B.</b> went out	C. broke out	<b>D.</b> missed out
II Dood the following leafler	t and announcement -	nd choose the setter	A P C or D to fill in the
II. Read the following leafler following blanks from 30 to 3		на спооѕе ите ориоп	A, B, C or D to fill ill the
		D	
	Discover the Timeless I		
- I	Explore sunlit landscapes	wnere (30) wn	itewasned villages blend
harmoniously with er		, , , , ,	
	•		tivating flamenco, delicious local
	nal markets (31)	•	
=		oorish heritage, guided i	by local experts, as you explore
ancient palaces and			
A Natural Mandara			
	• •	breathtaking diversity, f	from sparkling coastlines to the
Sierra Nevada mount	tains.		from sparkling coastlines to the
Sierra Nevada mount To secure your place on this	tains. unforgettable adventure,		from sparkling coastlines to the
Sierra Nevada mount To secure your place on this  • Email: <a href="mailto:info@spaintou">info@spaintou</a>	tains. unforgettable adventure, urs.com		from sparkling coastlines to the
Sierra Nevada mount To secure your place on this  • Email: info@spaintou  • Phone: +34 987 654	tains. unforgettable adventure, urs.com 321		from sparkling coastlines to the
Sierra Nevada mount To secure your place on this  • Email: <a href="mailto:info@spaintou">info@spaintou</a>	tains. unforgettable adventure, urs.com 321		from sparkling coastlines to the
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Sierra Nevada mount To secure your place on this  • Email: info@spaintou  • Phone: +34 987 654 Your unforgettable journey and Question 30: A. rewinding Question 31: A. alive	tains. unforgettable adventure, urs.com 321 waits!  B. towering B. cool	contact us at:  C. soaring C. deep	D. ascending D. acute
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Sierra Nevada mount To secure your place on this  Email: info@spaintou  Phone: +34 987 654 Your unforgettable journey at  Question 30: A. rewinding Question 31: A. alive Question 32: A. Notice	tains. unforgettable adventure, urs.com 321 waits!  B. towering B. cool B. Detect  Embark on the Future	C. soaring C. deep C. Explore	D. ascending D. acute D. Investigate
Sierra Nevada mount To secure your place on this  Email: info@spaintou  Phone: +34 987 654 Your unforgettable journey at  Question 30: A. rewinding Question 31: A. alive Question 32: A. Notice  Join us on October 15th for the	tains. unforgettable adventure, urs.com 321 waits!  B. towering B. cool B. Detect  Embark on the Future	C. soaring C. deep C. Explore	D. ascending D. acute D. Investigate
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Sierra Nevada mount To secure your place on this  Email: info@spaintou  Phone: +34 987 654 Your unforgettable journey at  Question 30: A. rewinding Question 31: A. alive Question 32: A. Notice  Join us on October 15 <sup>th</sup> for the Key Features of 5G:  Lightning-Fast Spectransforming how you  Remarkably Low L	tains. unforgettable adventure, urs.com 321 waits!  B. towering B. cool B. Detect  Embark on the Future ne momentous unveiling of u access content. Latency: Enjoy instantance	C. soaring C. deep C. Explore  E: Viettel 5G Launch D of 5G technology - set to ad speeds up to 100 tim	D. ascending D. acute D. Investigate  Day!  o revolutionize connectivity!
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Sierra Nevada mount To secure your place on this  Email: info@spaintou  Phone: +34 987 654 Your unforgettable journey and Question 30: A. rewinding Question 31: A. alive Question 32: A. Notice  Join us on October 15 <sup>th</sup> for the Key Features of 5G:  Lightning-Fast Spectransforming how you  Remarkably Low L surgery and autonom  Extensive Connect	tains. unforgettable adventure, urs.com 321 waits!  B. towering B. cool B. Detect  Embark on the Future ne momentous unveiling of u access content. Latency: Enjoy instantane nous vehicles. tivity: Seamlessly connect	C. soaring C. deep C. Explore  E: Viettel 5G Launch D of 5G technology - set to ad speeds up to 100 tim eous responsiveness, fac	D. ascending D. acute D. Investigate  Pay!  revolutionize connectivity!  es (33) 4G,
Sierra Nevada mount To secure your place on this	tains. unforgettable adventure, urs.com 321 waits!  B. towering B. cool B. Detect  Embark on the Future ne momentous unveiling of u access content. Latency: Enjoy instantane nous vehicles. tivity: Seamlessly connected et of Things.	C. soaring C. deep C. Explore  E: Viettel 5G Launch D of 5G technology - set to ad speeds up to 100 tim eous responsiveness, fact	D. ascending D. acute D. Investigate  Pay! revolutionize connectivity! es (33) 4G, cilitating innovations in remote  , (34) the era of smart
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Question 33: A. faster thanB. faster and fasterC. the fastestD. so fast asQuestion 34: A. catching upB. clinging onC. stemming fromD. ushering in

# III. The text below contains 5 errors. Edit the text by finding and correcting the errors as the example below. (5.0 points)

### Lines

- 1 It **was** the human factor that contributes to the absolute majority of road
- 2 accidents which involves the tremendous toll of fatalities each year.
- *3* Rather, less decisive, causes are vehicle malfunctions or road shortcomings.
- 4 Speeding motorists are notorious about failing to give way at junctions,
- 5 misjudging the situation on the road or being unable to accurately estimate
- 6 the distance while overtaking the "snailpacers" ahead. Drinkers settling
- *7* behind the wheel after one glass or two may be running the risk of causing
- 8 a tragedy through their impairing perception, which is not so rare a case,
- 9 again. Unfortunately, it is much simpler to introduce the necessary
- alternatives in the traffic system than change the behavioral patterns of
- drivers. There are voices that more severe disciplinary resolutions ought to
- be put into practice if vehicle users are to benefit from greater security
- 13 on the road.

Questions	Mistakes	Correction
Example	Line 1: was	is
Question 36	Line	
Question 37	Line	
Question 38	Line	
Question 39	Line	
Question 40	Line	

IV. Write the correct form of each bracketed word in the space provided. (5 points)
Question 41: Despite my father's difficulties in life, he is (fall) cheerful, showing his optimism in everything
he does.
Question 42: More time will be needed for the troops and equipment to become (climate) to the desert
conditions.
Question 43: The way she described her dreams was (nerve) vivid, painting a picture of horror that felt all
too real to those who listened.
Question 44: Our school teachers have made various radical changes in the teaching procedures for the
(good) of the students' academic performance.
Question 45: The young man always showed his frankness and kindness to Mary, which completely (arm)
her.

### C. READING

# I: Read the following passage and fill in the blanks with the best options given. There are Two Extra ones. (5.0 points)

### **LIST OF SENTENCES/ PHRASES**

Α	even natural substances undergo significant processing to isolate
В	Herbs grown in polluted soil may contain toxins or pesticide residues
С	Some herbal remedies have gained popularity due to their perceived fewer side effects compared to
	synthetic drugs
D	ongoing research aims to explore the potential benefits
E	These botanical remedies have been integral to traditional medicine for centuries in both Eastern and
	Western cultures

F	Recently, there has been	a resurgence of interest	in traditional medicine in	n the West	
G	This gap complicates the	assessment of their effe	ectiveness and safety		
medicinal treatment with herb T	purposes. <b>(46)</b> ts remain vital in Eastern p al remedies or adopting the the primary distinction between	While Western medici ractices. (47) se treatments exclusive ween herbs and pharma	ne has largely shifted Many people are now cho ly. ceuticals lies in their co	ots, and seeds - that are used towards synthetic drugs, he cosing to blend modern thera mposition. Herbs are whole pary drugs are derived from p	erbal ipies olant
compoundingredien adverse e	ds; for example, aspirin is ts. This processing allows for effects, often referred to as elements their appeal, herbal	extracted from willow to precise dosage. Such side effects. treatments come with	park. However, <b>(48)</b> n precision is crucial, as challenges, primarily du	and concentrate their ac even slight variations can lea ue to a lack of rigorous scier ining appropriate dosages can	ctive id to ntific
potentiall F substance	y leading patients to avoid eurthermore, the unregulatees. <b>(50)</b> Therefor	effective conventional tre d nature of herbal prod e, while herbs may se	eatments. luction raises concerns a	ies may provide no real ben bout contamination with harr synthetic drugs, they should	mful
approach	ed with the same caution a	nd critical evaluation.			
		and choose the corre	ct answer to fill in th	e following blanks from 5:	1 to
ا 10. (10	•	profound discomfort and	disorientation individual	Is experience when adjusting	to a
				th numerous unfamiliar situat	
				derstanding the stages of cul	
			•	y ease the adjustment proces	
				neymoon phase, characterize	
				ess of the locals and the allur	-
			_	ges. Daily tasks, such as shop	
	ing friendships, become ove	· ·			F5
	•			duals orientate themselves be	etter,
				_ become clearer, and every	
-	-			<b>58)</b> the richness of t	-
surroundi	<u> </u>		·	,	
	•	egins, during which life	assumes a more familiar	( <b>59</b> ), and one's sens	se of
				hese do not provoke signific	
				new environment, embracing	
	f adaptation and personal g	<del>-</del>		, -	
Question	1 <b>51: A.</b> arouses	B. awakens	C. abates	<b>D.</b> arises	
Question	1 52: A. permanent	B. transitory	C. thorough	<b>D.</b> contemporary	
_	<b>1 53: A.</b> Initially	<b>B.</b> Overall	C. Consequently	<b>D.</b> Definitely	
Question	<b>1 54: A.</b> mitigate	<b>B.</b> captivate	C. intensify	<b>D.</b> mystify	
_	<b>1 55: A.</b> triggering	<b>B.</b> offsetting	<b>C.</b> constituting	<b>D.</b> relieving	
Question	<b>1 56: A.</b> spirits	<b>B.</b> souls	C. emotions	<b>D.</b> senses	
Question	1 57: A. practices	<b>B.</b> inhibitions	C. routines	<b>D.</b> securities	
Question	1 58: A. appreciate	B. accomplish	C. envisage	<b>D.</b> worship	
Question	<b>1 59: A.</b> lyric	<b>B.</b> chorus	C. tone	<b>D.</b> rhythm	
Question	<b>1 60: A.</b> anchor	<b>B.</b> sink	C. harbour	<b>D.</b> deck	

# III. Read the following passage and choose the best option A, B, C or D to answer the questions from 61 to 70. (10 points)

One of the biggest challenges in determining whether recent climate events reflect human impact is understanding the natural variability of the climate. We know that over the course of history, the climate has undergone significant changes without human intervention. The global climate system is also incredibly complex, with

many interconnected factors, which means it can fluctuate in unpredictable ways. To accurately assess whether recent climatic changes stem from natural processes or anthropogenic factors, it is essential to first **delineate** the extent to which the climate can naturally vary.

Unfortunately, instrumental climate records only cover about a century, which is too short to provide a reliable measure of long-term climate variability. However, when we look at longer timescales, we see clear evidence of slow shifts between different climate regimes. To go further back in time and build a clearer picture of past climate fluctuations, scientists turn to proxy records.

Proxy records are derived from substances whose physical and chemical properties change in response to **prevailing** climatic conditions during the time of their deposition. These substances - like ice cores, ocean sediments, and tree rings - form layers, often annually, providing a continuous record of changes over hundreds or even thousands of years. (I) By analyzing **these records**, scientists can infer past temperatures, rainfall patterns, and other climate-related data. (II) For example, temperature reconstructions have been made from Greenland ice cores, sediments from European lakes, and ice cores from both Peru and Antarctica. (III) While these records generally show global temperature variations, they also reveal significant regional differences, indicating that climate patterns can vary across different parts of the world. (IV)

These proxy records clearly show that the climate has experienced considerable natural variability over periods longer than a few thousand years. At the same time, the relative stability of the climate over the last 10,000 years - known as the Holocene period - stands out.

By offering a glimpse into the climate's natural variability, proxy records provide an invaluable benchmark for understanding how natural processes have historically interacted to shape the global climate. These processes include chaotic atmospheric shifts, the erratic behavior of ocean currents, and variations in land surfaces, ice, and snow cover. Additionally, the proxy data capture fluctuations resulting from volcanic and solar activity, as well as the potential contribution of human influences.

To better understand how these processes interact, scientists use computer models to simulate global climate patterns. While these models are useful, they can only capture part of the complexity of the climate system and often provide a limited view of natural variability. In fact, studies suggest that current climate models show much less variability than what is observed in proxy data, indicating that these models may not fully reflect the range of natural climate fluctuations.

Question 61:	The word "delineate" in parag	graph 1 is <u>CLOSEST</u> in mea	ning to
A. identify a cle	ear line or distinction made	B. complicate the sit	uation for clear insight
C. conclude wit	th a firm resolution or decision	D. establish clear par	ameters for evaluation
Question 62:	All of the following statemen	ts are false EXCEPT	
A. Proxy record	ls are useful for short-term climat	e studies	
B. Climate mod	dels show less variability than pro	xy data	
C. Instrumenta	l records span several millennia o	of data	
<b>D.</b> The climate	has undergone notable changes	through time	
Question 63:	What do proxy records revea	l about climate variability?	•
A. They indicat	e stable climate conditions recent	tly <b>B.</b> They show signific	cant natural variability over centuries
C. They confirm	n that human activities drive char	nges <b>D.</b> They suggest clim	ate changes occur in brief intervals
Question 64:	Which of the following is NO	Γ mentioned in the text?	
<b>A.</b> The role of i	ce ages in climate shifts	B. The impact of hur	nan activity on climate
C. The benefits	s of using climate computer mode	els <b>D.</b> The significance of	f volcanic eruptions on climate
Question 65:	The phrase "these records" in	n paragraph 3 refers to	
A. instrumenta	I climate records used for studies	<b>B.</b> proxy records der	ved from natural substances
C. climate mod	els that simulate weather pattern	s <b>D.</b> historical records	kept by scientists over time
Question 66:	In which position of paragrap	oh 3 can the following sent	ence be added?
These	records are essential for reco	onstructing climate history	, as they encapsulate key climation
information o	over extensive periods.	-	
A. (I)	B. (II)	C. (III)	D. (IV)

# Question 67: The word "prevailing" in paragraph 3 is OPPOSITE in meaning to \_\_\_\_\_. A. temporary B. common C. accepted D. dominant Question 68: What can be inferred about the relationship between proxy records and climate change? A. Proxy records are less reliable than instrumental ones B. Proxy records provide insights into climate variability

### Question 69: Which of the following best paraphrases the underlined sentence in paragraph 5?

**A.** Proxy records conceal important insights into how natural processes have influenced and shaped past climate conditions over time.

C. Understanding climate change requires historical data D. Climate models are more accurate than proxy records

- **B.** By highlighting natural invaluable variability, proxy records become essential tools for gaining a better understanding of historical climate interactions.
- **C.** The insights gained from proxy records are worthless for comprehending the way natural processes have historically shaped the global climate system.
- **D.** Proxy records are invaluable resources that illustrate the natural variability of climate and help us understand the interactions among natural processes.

### Question 70. Which of the following best summarizes the reading passage?

- A. The complexity of the climate system limits our understanding of its variability and its implications
- **B.** The recent changes observed in climate conditions are primarily attributed to various human activities and influences
- C. Proxy records serve as crucial tools for understanding and analyzing long-term climate patterns over history
- **D.** Instrumental climate records provide extensive and detailed data for the analysis of climate trends over shorter time frames

IV. The reading passage has seven paragraphs. Read the passage carefully and choose the correct heading for each paragraph from the list of headings below. Two examples have been done for you. Write your answers in the spaces provided. (5.0 points)

#### **LIST OF HEADINGS**

Α	Remembering the past more clearly
В	Bringing back painful memories
С	Originally an alarm signal
D	The physical effects of scent versus image
E	Checking unreliable evidence
F	Reinforcing one sense with another
G	Protection against reliving the past
Н	The overriding power of sight and sound
I	Conflicting views

### Follow your nose

#### Paragraph 1 <u>I</u>

Aromatherapy is the most widely used complementary therapy in the National Health Service, and doctor used it most often for treating dementia. For elderly patients who has difficulty interacting verbally, and to whom conventional medicine has little to offer, aromatherapy can bring benefits in terms of better sleep, improved motivation, and less disturbed behavior. So the thinking goes. But last year, a systematic review of health care databases found almost no evidence that aromatherapy is effective in the treatment of dementia. Other findings suggest that aromatherapy works only if you believe it will. In fact, the only research that has unequivocally shown it to have an effect has been carried out on animals.

### Question 71. Paragraph 2\_\_\_\_\_

Behavioral studies have consistently shown that odors elicit emotional memories far more readily than other sensory cures. And earlier this year, Rachel Herz, of Brown University in Providence, Rhode Island, and colleagues peered into people's heads using functional Magnetic Resonance Imaging (fMRI) to corroborate that. They scanned the brains of five women while they either looked at a photo of a bottle of perfume that evoked a pleasant memory

for them, or smelled that perfume. One woman, for instance, remembered how as a child living in Paris - she would watch with excitement as her mother dressed to go out and sprayed herself with that perfume. The women themselves described the perfume as far more evocative than the photo, and Herz and co-workers found that the scent did indeed activate the amygdala and other brain regions associated with emotion processing far more strongly than the photograph. But the interesting thing was that the memory itself was no better recalled by the odor than by the picture. "People don't remember any more detail or with any more clarity when the memory is recalled with an odor," she says.

"However, with the odor, you have this intense emotional feeling that's really visceral."

### Paragraph 3\_\_\_C\_

That's hardly surprising, Herz thinks, given how the brain has evolved. "The way I like to think about it is that emotion and olfaction are essentially the same thing," she says. "The part of the brain that controls emotion literally grew out of the part of the brain that controls smell. "That, she says, probably explains why memories for odors that are associated with intense emotions are so strongly entrenched in us, because smell was initially a survival skill: a signal to approach or to avoid.

### Question 72. Paragraph 4\_\_\_\_\_

Eric Vermetten, a psychiatrist at the University of Utrecht in the Netherlands, says that doctors have long known about the potential of smells to act as traumatic reminders, but the evidence has been largely anecdotal. Last year, he and others set out to document it by describing three cases of post-traumatic stress disorder (PTSD) in which patients reported either that a certain smell triggered their flashbacks, or that a smell was a feature of the flashback itself. The researchers concluded that odors could be made use of in exposure therapy, or for reconditioning patients' fear responses.

### Question 73. Paragraph 5

After Vermetten presented his findings at a conference, doctors in the audience told him how they had turned this association around and put it to good use. PTSD patients often undergo group therapy, but the therapy itself can expose them to traumatic reminders. "Some clinicians put a strip of vanilla or a strong, pleasant, everyday odorant such as coffee under their parents' noses, so that they have this continuous olfactory stimulation," says Vermetten. So armed, the patients seem to be better protected against flashbacks. It's purely anecdotal, and nobody knows what's happening in the brain, says Vermetten, but it's possible that the neural pathways by which the odor elicits the pleasant, everyday

memory override the fera-conditioned neural pathways that respond to verbal cues.

### Question 74. Paragraph 6

According to Herz, the therapeutic potential of odors could lie in their very unreliability. She has shown with her perfume-bottle experiment that they don't guarantee any better recall, even if the memories they elicit feel more real. And there's plenty of research to show that our noses can be tricked, because being predominantly visual and verbal creatures, we put more faith in those other modalities. In 2001, for instance, Gil Morrot, of the National Institute for Agronomic Research in Montpellier, tricked 54 oenology students by secretly coloring a white wine with an odorless red dye just before they were asked to describe the odors of a range of red and white wines. The students described the colored wine using terms typically reserved for red wines. What's more, just like experts, they used terms alluding to the wine's redness and darkness-visual rather than olfactory qualities. Smell, the researchers concluded, cannot be separated from the other senses.

### Question 75. Paragraph 7\_\_\_\_\_

Last July, Jay Gottfried and Ray Dolan of the Welcome Department of Imaging Neuroscience in London took that research a step further when they tested people's response times in naming an odor, either when presented with an image that was associated with the odor or one that was not. So, they asked them to sniff vanilla and simultaneously show them either a picture of ice cream or of cheese, while scanning their brains in a fMRI machine. People named the smells faster when the picture showed something semantically related to them, and when that happened, a structure called the hippocampus was strongly activated. The researchers' interpretation was that the hippocampus plays a role in integrating information from the senses-information that the brain then uses to decide what it is perceiving.

### **D. WRITING**

<b>Question 76:</b> People say that an electrical fault caused the fire in the factory last week.
-> The fire <b>Question 77:</b> Being creative is of the utmost importance to your success in the new job> But
Question 78: He'll agree with my point of view, given a bit of time> He'll come
II. Use the word(s) given in brackets and complete a new sentence in such a way that it is as similar as possible in meaning to the original sentence. Do NOT change the form of the given word (s). (2.0 points)
Question 79: The manager could not hide his anger and shouted at the young employee uncontrollably. (contain)  -> The manager could no uncontrollably.
<b>Question 80:</b> Julia soon calmed down and explained her problem to her parents. ( <b>pulled</b> ) -> Julia soon
<b>III. Write a letter of about 150 words. (5.0 points)</b> The current school timetable at your school starts at 1.30 p.m, which creates challenges for many students, especially those commuting from distant locations. Write a letter to the school headmaster to ask him to consider adjusting the schedule to better meet students' needs, making it more convenient for everyone.
In your letter, you might include:  + The reason for your writing  + The necessity for the change in the timetable  + Your suggestion and reason for your proposed time  + Your expectation for the change.
You must begin and end your letter as followed
Dear Mr Duc Minh,
Yours sincerely, Hoang Mai
<b>IV. Write an essay of at least 250 words on the following topic. (15 points)</b> Many believe that the main aim of education should be to promote a genuine understanding and practical application of knowledge, rather than simply prepare for exams. To what extent do you agree or disagree? Give reasons for your answer and include relevant examples from your own knowledge.
The end

I. Finish each of the following sentences in such a way that it is as similar as possible in meaning to the