BỘ GIÁO DỤC VÀ ĐÀO TẠO

ĐỂ THỊ CHÍNH THỰC

KỲ THI CHỌN HỌC SINH GIỎI QUỐC GIA TRUNG HỌC PHỔ THÔNG NĂM HỌC 2022 – 2023

Môn thủ:

TIẾNG ANH

Thời gian:

180 phút (không kể thời gian giao đề)

Ngày thi:

24/02/2023

Đề thi gồm có 12 trang

SÓ PHÁCH

- Thí sinh **KHÔNG** được sử dụng tài liêu, kể cả từ điển.
- Giám thị KHÔNG giải thích gì thêm.

I. LISTENING (5.0 points)

HƯỚNG DẪN PHẦN THI NGHE HIỂU

- Bài nghe gồm 4 phần; mỗi phần được nghe 2 lần; mở đầu và kết thúc mỗi phần nghe có tín hiệu.
- Mở đầu và kết thúc bài nghe có nhạc hiệu. Thí sinh có 02 phút để hoàn chỉnh bài trước nhạc hiệu kết thúc bài nghe.
- Mọi hướng dẫn cho thí sinh đã có trong bài nghe.

Part 1. For questions 1-5, listen to a discussion on the subject of gyms and decide whether the following statements are True (T), False (F), or Not Given (NG) according to what you hear. Write your answers in the corresponding numbered boxes provided.

- 1. Heidi thinks that there are appealing aspects to the government's planned campaign.
- 2. Rob believes that the problems of obesity and inactivity can be solved through individual effort.
- 3. Heidi protests against consuming gyms' health-and-fitness and recreational products.
- 4. The host of the discussion disapproves of the operation of the gym business.
- 5. Heidi says that encouraging gym-goers to fit exercise into their daily routines works to gyms' advantage.

ou!	r answers:				
1.	\$	2.	3.	4.	5.
				and answer the quest	tions. Write NO MORE er.
6	. What words do	oes Katie use to charac	terise Pelé?		
7	. What compan	y does the sports editor	Dan Rohn work for?		
8.	. In what respec	et is Pelé thought to sur	pass all football players	including Maradona?	
9.	. What did the 'i	mage of beaming Pelé	in the gold of Brazil' giv	 re Brazil, according to D	an Rohn?
10	0. For many peo	ople around the world, v	what features define Pe	 lé as the global football	superstar?

Part 3. For questions 11-15, listen to a talk about climate creativity and choose the correct answer A, B, C, or D which fits best according to what you hear. Write your answers in the corresponding numbered boxes provided. 11. According to the speaker, the essentials of the science of climate change have been existing for ______. A. no less than three decades B. no more than three decades C. exactly three decades D. approximately three decades 12. Due to the disparity between scientific consensus and political will, the climate crisis should be seen as A. a human and scientific problem B. a human and political problem C. a cultural and scientific problem D. a cultural and political problem 13. Which of the following definitions of creativity is NOT mentioned by the speaker? A. It is a source of alternative perspectives on the world for human beings. B. It is a method of attracting human beings' imagination and attention. C. It is a means of turning our understandings of the world into valuable things. D. It is a creation of human beings to engage with different cultures. 14. Which category of reasons has to do with reflection and self-expression of people's feelings? B. Exploration. A. Persuasion. C. Innovation. D. Participation. 15. According to the speaker, the concept of culture refers to A, the set of beliefs, values and expectations people use to change a community B. the set of beliefs, values and expectations people use to build a community C. the set of beliefs, values and expectations people share in a community D. the set of beliefs, values and expectations people maintain in a community Your answers: 11. 12. 13. 14. 15. Part 4. For questions 16-25, listen to a lecture about sugar consumption and complete the following

Part 4. For questions 16-25, listen to a lecture about sugar consumption and complete the following summary. Write NO MORE THAN ONE WORD taken from the recording for each blank. Write your answers in the corresponding numbered boxes provided.

1.12.00

Sugar, an addictive substance, is a d	irect or contributory cause of various serious
(16) such as diabetes, heart dis	ease, obesity and mood disorders. Such health issues,
which are increasing at an (17) ra	ate, can be avoided by taking different measures to bring
down our intake of sugar. One effective solution is to skin	
added sugar under different names. Bearing that in mir	nd, consumers are urged to opt for products with natura
(18) such as honey which is be	etter for (19) and contains fewer
	processed sugar is favoured, it is recommended to use it
in its (20) state, such as brown s	
	ks or even fruit juices, each of which contains a high
concentration of sugar and (21) ir	ntake. Instead, we should drink water or herbal teas which
	It is equally important to stay away from
	products since sugar is often added to compensate for the
flavour from missing lipid. Similarly, sugarless products	should also be avoided as they are likely to contain even
more harmful chemical sugar (24)	All in all, most dietary experts reach a consensus that
people should get the sweetness our (25)	may want through natural sources, rather than
sweets or sugarless alternatives with chemicals.	
Your answers:	
16.	21.
17.	22.
18.	23.
19.	24.
20.	25.

II. LEXICO-GRAMMAR (2.0 points)

Part 1. For questions 26-40, choose the correct answer A, B, C, or D to each of the following questions. Write your answers in the corresponding numbered boxes provided.

26.	Thanks to VAR technology, the replays later showed so the red card was eventually	that there was	no foul by the	defender in the	ne penalty area,		
	A. decimated B. decelerated	C. rescinded		D. renege	d		
27.	Insurance companies had to \$10 million in e			_			
	A. dip in B. rip at	C. give off		D. cough	up		
28.	A. dip in B. rip at John, who is always unwilling to spend much more	ney on anythi	ng, will never	buy you such	h an expensive		
	diamond ring – he's so A. tight-fisted B. pig-headed The chiral wan't be allowed to get sail if the storm of						
	A. tight-fisted B. pig-headed	C. highly-stru	ng	D. bald-fa	ced		
29.	The ships won't be allowed to set sail if the storm sh	lows no signs	of				
20	A. abetting B. abating	C. affixing		D. abutting			
30.	The police knew very well that David was a A. fast worker B. total wreck	and that he wo	ould lie convin	cingly before	tnem.		
31	A. fast worker B. total wreck The President will decide whether to release the pris A. prerogative B. derogation	C. live wire	that's his	D. Cool Cu	Storrier		
01.	A. prerogative B. derogation	C imperative		 D. depred	ation		
32.	No decision has been made about the building of the	e new underar	ound train svs	tem. The loca	l authorities are		
	still	o mon amaong.					
	A. speaking their mind	B. comparing	apples and or	anges			
	C. sitting on the fence	D. holding all	the aces				
33.	My doctor advised total from strong or all	coholic drinks	until my heal	th had showr	n a tremendous		
	improvement.						
	A. abstinence B. absorption			D. dissens	sion		
34.	When they came under heavy fire, all the soldiers w		·				
	A. fall down B. fall back			D. fall off			
35.	The manager's sudden decision to retire brought do		on his disting	juished caree	r.		
	A. curtain B. lights			D. blind			
36.	He was in a great hurry. That's why there was such a	a strange	message o	n my voicema	ail that I couldn't		
	make out what was being said.						
0.7	A. warbled B. dubious						
37.	Those mediocre amateur performance artists seem				obscurity.		
	A. having their work cut out			9			
20	C. standing firm	D. laying dow		wher had left	home for work		
JO.	She finally, admitting that she had taken A. threw in the towel	B. made a cle			nome for work.		
	A. threw in the towel C. read the riot act	D. let her hair					
39.	My friends and I took a route leading to the va			onsumina.			
	A. garrulously B. gregariously	C. circuitously	y	D. felicitou	ısly		
40.	A. garrulously You shouldn't in public. If I were you, I would	dn't say anythi	ng about myse	elf at all.	-		
	A. toy with the idea B. go the whole hog	C. wipe the sl	late clean	D. wash y	our dirty linen		
Yo	ur answers:						
26		30.	31.	32.	33.		
34		38.	39.	40.			
	rt 2. For questions 41-45, write the correct for		racketed wor	d in each se	entence in the		
nui	mbered space provided in the column on the righ	τ.		Your ans	ewore:		
41.	(SYNCHRONISE)learning re	efers to the inte	eraction	41			
	between teachers and students which occurs intermittently with a time delay.						
42. The prime minister (RESOUND) rejected any idea of 42							
reforming the system.							
43. (CONTAIN) became a sunrise industry when the first of 43							
	converted ships sailed from New York to Houston in	the 1950s.					
44.	Constant interference and (MANAGE)			44			
	solve such big business affairs. It's high time high-ra	inking manage	ers acted				
	together.						
45.	We all want a green global economy, but there a	re technologic	al obstacles t	o 45			
	(CARBON) it			1			

III. READING (5.0 points)

Part 1. For questions 46-55, read the passage and fill each of the following numbered blanks with ONE suitable word. Write your answers in the corresponding numbered boxes provided.

one of the bes	st places to be a baby. Ir	n (48) to m	ost European countries,
a succession of governr	nent initiatives to improv	e parents' rights and ed	conomic circumstances.
leave is 42 weeks with	full pay, and paternity l	eave is 4 weeks. There	e is financial support for
who choose to look after	their children rather tha	an return to the (52)	And the baby
, giving birth	to a plethora of new ad	ctivities: baby-massage	, baby-cinema, baby 'n'
library, eve	n baby-au-lait (a (55) _	for breastfee	eding-friendly cafés).
-			
47.	48.	49.	50.
52.	53.	54.	55.
,	one of the besth rate is a healthy 1.9. a succession of governmeleave is 42 weeks with who choose to look after, giving birthlibrary, eve	one of the best places to be a baby. In the rate is a healthy 1.9. Norway's reputation as a succession of government initiatives to improve leave is 42 weeks with full pay, and paternity who choose to look after their children rather that, giving birth to a plethora of new acceptable in the provided provided in the provided prov	

Part 2. Read the following passage and do the tasks that follow.

"Television makes you stupid."

Virtually all current theories of the medium come down to this simple statement. As a rule, this conclusion is delivered with a melancholy undertone. Four principal theories can be distinguished.

The manipulation thesis points to an ideological dimension. It sees in television above all an instrument of political domination. The medium is understood as a neutral vessel, which pours out opinions over a public thought of as passive. Seduced, unsuspecting viewers are won over by the wire-pullers, without ever realising what is happening to them.

The imitation thesis argues primarily in moral terms. According to it, television consumption leads above all to moral dangers. Anyone who is exposed to the medium becomes habituated to libertinism, irresponsibility, crime, and violence. The private consequences are blunted, callous, and obstinate individuals; the public consequences are the loss of social virtues and general moral decline. This form of critique draws, as is obvious at first glance, on traditional, bourgeois sources. The motifs that recur in this thesis can be identified as far back as the eighteenth century in the vain warnings that early cultural criticism sounded against the dangers of reading novels.

More recent is the simulation thesis. According to it, the viewer is rendered incapable of distinguishing between reality and fiction. The primary reality is rendered unrecognisable or replaced by a secondary, phantomlike reality.

All of these converge in the stupefaction thesis. According to it, watching television not only undermines the viewers' ability to criticise and differentiate, along with the moral and political fibre of their being, but also impairs their overall ability to perceive. Television produces, therefore, a new type of human being, who can, according to taste, be imagined as a zombie or a mutant.

All these theories are rather unconvincing. Their authors consider proof to be superfluous. Even the minimal criterion of plausibility does not worry them at all. To mention just one example, no one has yet succeeded in putting before us even a single viewer who was incapable of telling the difference between a family quarrel in the current soap opera and one at his or her family's breakfast table. This doesn't seem to bother the advocates of the simulation thesis.

Another common feature of the theories is just as curious but has even more serious consequences. Basically, the viewers appear as defenceless victims, the programmers as crafty criminals. This polarity is maintained with great seriousness: manipulators and manipulated, actors and imitators, simulants and simulated, stupefiers and stupefied face one another in a fine symmetry.

The relationship of the theorists themselves to television raises some important questions. Either the theorists make no use of television at all (in which case they do not know what they are talking about) or they subject themselves to it, and then the question arises – through what miracle is the theorist able to escape the alleged effects of television? Unlike everyone else, the theorist has remained completely intact morally, can distinguish in a sovereign manner between deception and reality, and enjoys complete immunity in the face of the idiocy that he or she sorrowfully diagnoses in the rest of us. Or could – fatal loophole in the dilemma – the theories themselves be symptoms of a universal stupefaction?

One can hardly say that these theorists have failed to have any effect. It is true that their influence on what is actually broadcast is severely limited, which may be considered distressing or noted with gratitude, depending on one's mood. On the other hand, they have found ready listeners among politicians. That is not surprising, for the conviction that one is dealing with millions of idiots "out there in the country" is part of the basic psychological equipment of the professional politician.

One might have second thoughts about the theorists' influence when one watches how the veterans of televised election campaigns fight each other for every single minute when it comes to displaying their limousine, their historic appearance before the guard of honour, their hairstyle on the platform, and above all their speech organs. The number of broadcast minutes, the camera angles, and the level of applause are registered with a touching enthusiasm. The politicians have been particularly taken by the good old manipulation thesis.

For questions 56-62, decide whether the following statements are True (T), False (F), or Not Given (NG). Write your answers in the corresponding numbered boxes provided.

- 56. Shadowy moulders of public opinion manipulate the mindset of viewers unaware of what is taking place.
- 57. Watching television too much creates a new type of human being who can be thought of as a zombie or a mutant.
- 58. Seen from the point of view of simulation theory, viewers could make out the everyday world and its fictional counterpart.
- 59. Cultural critiques based on moral grounds are as valid today as they were in the far past.
- 60. Theorists could themselves fall victim to television.
- 61. According to stupefaction theory, watching television enhances critical thinking.
- 62. In our modern society, the advent of TV poses a great danger to the values of reading novels.

Your answers:						
56.	57.	58.	59.	60.	61.	62.
	63-68, read the from the passag					
 64. Depending be either 65. When peop seemingly left. 66. The imitation consequentiation. 67. Due to the force can get away 	deology, TV can on a TV viewer's or appreciate le watch how sen uxurious possess n thesis claims theses, and act that the theory from TV's ewers seem to be	frame of mind, thed. ior politicians figions, they may _ iat people who a will be lost. ists do not make	neory developers the each other in the about the re exposed much use of television	their election car influence of the n to the medium or are not free t	mpaigns on TV v theoreticians. will suffer individ	vith all their dual dered how they
Your answers:						
63.		64.		65.		
66.		67.		68.		

Part 3. In the passage below, seven paragraphs have been removed. For questions 69-75, read the passage and choose from paragraphs A-H the one which fits each gap. There is ONE extra paragraph which you do not need to use. Write your answers in the corresponding numbered boxes provided.

ARTIFICIAL INTELLIGENCE IN SPORT

The first sports game was televised in the USA more than fifty years ago. Over the following decades television provided sports coaches with a wealth of information to analyse. By viewing recordings, they could study the number of passes received, tackles avoided, distances covered, speeds achieved and a host of other factors relating to the performance of their teams or athletes. Most of this data, though, consisted of bare statistics without any meaningful context. However, the use of artificial intelligence (AI) is now enabling an alternative approach to coaching.

There may be limitleed ways in which Altrahada ways by day limit and the limit and the

There may be limitless ways in which AI technology can be developed, but certain practical applications are already apparent. Recently, a research experiment was conducted into the Spanish football league using an AI algorithm to analyse the passing strategies of 20 teams. The research revealed that two teams, Barcelona and Real Madrid, had more than 150 recurring passing patterns. However, the algorithm detected just 31 passing patterns used by Atlético Madrid. All of Atlético's other plays were one-offs that were never repeated, and the team won the league that season. One conclusion seems to be that teams with a less predictable style of play win more games.

70

Since then, there has been a great deal of interest in the potential of Al. Professor of sports education Rebecca Graves believes that Al can provide coaches with invaluable insights. 'Tactics were once closely guarded secrets,' says Professor Graves, 'but now a coach with access to Al can identify how a rival team is likely to play a match based on historic form. Once this was largely guesswork but now it can be achieved with some confidence.' The expense of Al technology means it will probably remain beyond the reach of all but elite teams, but among this group the implications are enormous.

71

Part of the appeal of AI lies in its versatility. Ice hockey coaches in Finland are using AI to analyse the success of different plays. An Indian company has employed wearable technology developed in other fields to analyse stride patterns. This analysis has allowed its technicians to develop sneakers in various styles aimed at both long- and short-distance runners.

72

Al doesn't get tired, has extraordinary powers of vision, particularly for objects moving at speed, and is capable of making complex calculations very quickly. For all these reasons Al is increasingly being used in the high-pressure world of judging gymnastics performances. Research has shown that, particularly over a whole day's worth of events, computers are just as reliable as human judges when it comes to giving gymnasts a score.

73

It should not be forgotten, either, that many sports stars and sports teams are commercially dependent on their fans. If sufficient supporters do not buy tickets to games or pay to view a recording, the teams might struggle to survive.

74

Another innovation is seen in Minor League Baseball in the USA, which is promoting the sport and seeking new fans with the use of Al-enhanced journalism. In this way baseball is keeping supporters informed with all the upto-the-minute developments in ways not possible with more traditional approaches.

75

Missing paragraphs:

- A. But now teams and stars are making increasing use of chatbots and other 'virtual assistants' to provide fans with statistics, news and background information about their favourite players.
- B. What's more, according to Dr Johann Muller, a sports scientist who has studied the Spanish research findings, the number of injuries a team suffers increases when they play in a style that prioritises offence.
- C. Professor Graves argues that AI allows preparations for a match to be tailored to individual players with much greater precision. She identifies fitness work, skills development, diet and numerous other factors that can be minutely customised, based on an individual's particular strengths and weaknesses.
- D. Analysts believe these sorts of initiatives are crucial to increasing a player or team's revenue stream. It's just one more way that sports stand to benefit from AI technologies, on and off the field.
- E. Al means the development of computer systems that can perform tasks usually associated with human intelligence, such as decision making. Increasingly, computers are being trained to understand the rules and objectives of sports so they can coach more directly. Al can analyse not only a player's actions, but also relate those actions to the wider context, including the directives of the coach and the actions of other players. Sports scientists believe that Al is revolutionising sports coaching by analysing patterns of behaviour in ways simply not possible before.
- F. Coaching practices in professional basketball, American football and tennis are also being transformed by Al. In addition, the technology has applications in highly technical sports such as car racing. Coaches involved in the National Association for Stock Car Auto Racing (NASCAR) believe that Al algorithms not only help drivers go faster but also enhance the safety of the sport because of their ability to monitor and predict potential problems.
- G. How is AI helping us? The leading approach to AI right now is machine learning, in which programs are trained to pick out and respond to patterns in large amounts of data, such as identifying a face in an image or choosing a winning move in the board game Go.
- H. However, computer scientist Henri Simeonson has been quick to warn about some potential difficulties. In particular, Simeonson is concerned that AI is vulnerable to hackers, who might be able to influence the outcome of a tournament.

Your answers:

9. 70. 71.	72.	73.	74.	75.	
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Part 4. For questions 76-85, read a passage on modern physics and choose the answer A, B, C, or D which fits best according to the text. Write your answers in the corresponding numbered boxes provided.

- A physicist, an engineer, and a psychologist are called in as consultants to a dairy farm whose production has been below par. Each is given time to inspect the details of the operation before making a report.
- 2. The first to be called is the engineer, who states: "The size of the stalls for the cattle should be decreased. Efficiency could be improved if the cows were more closely packed, with a net allotment of 275 cubic feet per cow. Also, the diameter of the milking tubes should be increased by 4 percent to allow for a greater average flow rate during the milking periods."
- 3. The next to report is the psychologist, who proposes: "The inside of the barn should be painted green. This is a more mellow colour than brown and should help induce greater milk flow. Also, more trees should be planted in the fields to add diversity to the scenery for the cattle during grazing, to reduce boredom."

- 4. Finally, the physicist is called upon. He asks for a blackboard and then draws a circle. He begins: "Assume the cow is a sphere ..."
- This old joke, if not very funny, does illustrate how, at least metaphorically, physicists picture the world. The set of tools physicists have to describe nature is limited. Most of the modern theories you read about began as simple models by physicists who didn't know how else to start to solve a problem. The class of things that we do know how to solve exactly can be counted on the fingers of one, maybe two, hands. For the most part, physicists follow the same guidelines that have helped keep Hollywood movie producers rich: If it works, exploit it. If it still works, copy it.
- I like the cow joke because it provides an allegory for thinking simply about the world, and it allows me to jump right into an idea that doesn't get written about too much, but that is essential for the everyday workings of science: Before doing anything else, abstract out all irrelevant details!
- There are two operative words here: abstract and irrelevant. Getting rid of irrelevant details is the first step in building any model of the world, and we do it subconsciously from the moment we are born. Doing it consciously is another matter. Overcoming the natural desire not to throw out unnecessary information is probably the hardest and most important part of learning physics. This leads us to the second operative word: abstract. Of all the abstract thinking required in physics, probably the most challenging lies in choosing how to approach a problem. The mere description of movement along a straight line - the first major development in modern physics - required enough abstraction that it largely eluded some pretty impressive intellects until Galileo.
- 8. Four hundred years ago, Galileo created modern science by describing motion. One of the most obvious traits about the world, which makes a general description of motion apparently impossible, is that everything moves differently. [A] A feather wafts gently down when loosened from a flying bird, but pigeon droppings fall like a rock unerringly on your windshield. Bowling balls rolled haphazardly by a three-year-old serendipitously make their way all the way down the alley, while a lawn mower won't move an inch on its own. [B] Philosophers before him had argued that a medium - air, water, etc. - is essential to the very existence of motion, but Galileo stated cogently that the essence of motion could be understood only by removing the confusion introduced by the particular circumstances in which moving objects find themselves. [C] "Have you not observed that two bodies which fall in water, one with a speed a hundred times greater as that of the other, will fall in air with speeds so nearly equal that one will not surpass the other by as much as one hundredth part?" [D]
- He claimed, rightly, that if we ignore the effect of the medium, all objects will fall exactly the same way. Moreover, he anticipated the onslaught of criticism from those who were not prepared for his abstraction by defining the very essence of irrelevant: "I trust you will not follow the example of many others who divert the discussion from its main intent and fasten upon some statement of mine which lacks a hairbreadth of the truth and, under this hair, hide the fault of another which is as big as a ship's cable."
- 10. This is exactly what he argued that the ancient Greek philosopher Aristotle had done by focusing not on the similarities in the motion of objects but on the differences that are attributable to the effect of a medium. In this sense, a theoretical world in which there was no medium to get in the way was only a "hairbreadth" away from

	the real one.
76.	A likely consequence of implementing the psychologist's proposal would be that A. cows living in more nature-like conditions would yield considerable production of milk B. planting more trees would diversify the food source for cows, which results in large quantities of milk C. cows would not be caged cattle anymore
	D. cows' indoor and outdoor living spaces would be more aesthetic
77.	The phrase <u>This old joke</u> in paragraph 5 is mentioned to
	A. entertain the readers B. ridicule the cow
	C. establish the timeline of the joke D. introduce an idea
78.	What can be inferred about rich Hollywood producers from the sentences "If it works, exploit it. If it
	works, copy it."?
	A. They know the formula of success better than physicists.
	B. They even do not grasp the reasons for the success of their products all the time.
	C. They always prepare their work in a highly methodical mapper

- always prepare their work in a highly methodical manner.
- D. They pay more attention to the solutions to practical problems than physicists.
- 79. What can be inferred from paragraph 7?
 - A. The core development of physics pertains to the nature of abstraction and irrelevance.
 - B. Infants must be taught the ways to construct worldviews using the plentiful sources of data they were
 - C. A person is supposed to be deeply conscientious in order to choose how to approach a problem.
 - D. Excluding unnecessary details and sharpening concrete thinking are required for approaching problems of modern physics.
- 80. What does the word haphazardly in paragraph 8 mostly mean?
 - A. Rigorously.
- B. Expediently.
- C. Randomly.
- D. Precautiously.

still

81. Which of the following square brackets [A], [B], [C], or [D] best indicates where in paragraph 8 the sentence "Galileo recognised that this most obvious quality of the world is also its most irrelevant, at least as far as understanding motion is concerned." can be inserted? A. [A] B. [B] D. **[D]** 82. What does the phrase particular circumstances in paragraph 8 refer to? A. Mathematical average. B. The status of science. C. A scientist's dilemma. D. An object's environment. 83. What can be inferred from paragraph 9? A. The author implicitly supports Galileo's rivals. B. The author explicitly supports Galileo's rivals. C. The author implicitly supports Galileo. D. The author explicitly supports Galileo. 84. Which of the following statements is true about Galileo? A. He contended that rivals would try to take credit for his discoveries. B. He considered Aristotle and other scholars mistaken in their approach to motion. C. He supported other physicists' theories of motion. D. He looked up to Aristotle as one of the first philosophers to get involved in scientific observation. 85. The author uses the expression get in the way in paragraph 10 most likely to _ A. indicate the constraints of Galileo's theories B. cast doubt on the value of tortuous experimental procedures C. stress the difficulty posed by too much information D. describe a realistic approach to a theoretical dilemma Your answers:

76.	77.	78.	79.	80.
81.	82.	83.	84.	85.

Part 5. The passage below consists of seven paragraphs marked A, B, C, D, E, F, and G. For questions 86-95, read the passage and do the task that follows. Write your answers in the corresponding numbered boxes provided.

TEAM BUILDING

If you thought ancient monuments were built in honour of gods and kings, think again, says Laura Spinney.

- A. At Poverty Point in the US state of Louisiana, a remarkable monument overlooks the Mississippi river. Built around 3,500 years ago entirely from earth, it consists of six semi-circular ridges and five mounds. 'Mound A', as archaeologists refer to it, is the largest at 22 metres high. The earth mounds at Poverty Point are not just impressive, they are also intriguing. Ancient monuments have always been regarded as products of large, hierarchical societies, built as tributes to gods and kings. But the creators of the Poverty Point monument were hunter-gatherers, who functioned in a more democratic way. They may have looked to elders for guidance, but these would not have exerted a commanding influence over their small groups. So who, or what, motivated building on such a grand scale?
- B. Archaeologists have been excavating Poverty Point for more than a century. However, the truly remarkable nature of Mound A only emerged a few years ago. This was when a team led by Tristram Kidder of Washington University drilled into the mound. They saw for the first time that it consisted of neat layers of differently coloured earth. It rains a lot around Poverty Point, and we know that fluctuations in temperature and increased flooding eventually led to its abandonment. But Kidder could see no sign that the layers had combined, as you might expect if it had rained during construction. Kidder reached a startling conclusion: Mound A must have been built in one short period, perhaps in as little as 30 days, and probably no more than 90.
- C. Mound A contains nearly 240,000 cubic metres of earth; the equivalent of 32,000 truckloads. There were no trucks then, of course, nor any other heavy machinery, animals like mules to carry the earth, or wheelbarrows. Assuming it did take 90 days, Kidder's group calculated that around 3,000 basket-carrying individuals would have been needed to get the job done. Given that people probably travelled in family groups, as many as 9,000 people may have assembled at Poverty Point during construction. 'If that's true, it was an extraordinarily large gathering,' says Kidder. Why would they have chosen to do this?
- D. Another archaeologist, Carl Lipo, thinks he has the answer: the same reason that the people of Easter Island built their famous stone heads. When Lipo first went to Easter Island, the prevailing idea was that the enormous statues had been rolled into place using logs, and the resulting deforestation contributed to the human population's collapse. But Lipo and fellow archaeologist Terry Hunt showed the statues could have been 'walked' upright into place by cooperating bands of people using ropes, with no need for trees. They argue further that by making statues, people's energy was directed into peaceful interactions and information-

- sharing. They ceased crafting statues, Lipo claims, precisely because daily existence became less of a challenge, and it was no longer so important that they work together.
- E. An ancient temple known as Gobekli Tepe in south-east Turkey is another site where a giant team-building project might have taken place. Since excavations started, archaeologists have uncovered nine enclosures formed of massive stone pillars. Given the vast size of these pillars, a considerable workforce would have been needed to move them. But what archaeologists have also discovered is that every so often, the workers filled in the enclosures with broken rock and built new ones. The apparent disposability of these monuments makes sense if the main aim was building a team rather than a lasting structure. Indeed, the many bones from animals such as gazelle found in the filled-in enclosures suggest people held feasts to celebrate the end of a collaborative effort.
- F. A number of researchers share Lipo's view that the need to cooperate is what drove monument makers. But as you might expect when a major shift in thinking is proposed, not everyone goes along with it. The sceptics include Tristram Kidder. For him, the interesting question is not 'Did cooperative building promote group survival?' but 'What did the builders think they were doing?' All human behaviour comes down to a pursuit of food and self-preservation, he says. As for why people came to Poverty Point, he and his colleagues have suggested it was a pilgrimage site.
- G. If Lipo is right, have we in any way inherited our ancestors' tendency to work together for the sake of social harmony? Evolutionary biologist David Sloan Wilson thinks we have. Wilson cites the Burning Man festival, promoted as an experiment in community and art, which draws thousands of people to Nevada's Black Rock Desert each summer. Among the ten principles laid down by co-founder Larry Harvey are 'inclusion' and 'communal effort'. Another is 'leaving no trace', meaning that whatever festival-goers create they destroy before departing. In this way, the desert landscape is only temporarily disturbed. Wilson says there is evidence that such cooperative ventures matter more today than ever because we are dependent on a wider range of people than our ancestors were. Food, education, security: all are provided by people beyond our family group. Recently, as part of his Neighbourhood Project in Binghamton, Wilson and his colleagues helped locals create their own parks. 'This brought people together and enabled them to cooperate in numerous other contexts,' he explains. This included helping with repairs after a series of floods in 2011. Social psychologist Susan Fiske of Princeton University also sees value in community projects. Her research shows, for example, that they can help break down the ill-informed views that people hold towards others they have observed but do not usually interact with. So if modern projects really help build better communities, that will surely be a monumental achievement.

In	which paragraph are the following mentioned?	Your answers:
•	A change in weather patterns forced people living around the Poverty Point monument to move away.	86
•	Tristram Kidder was dubious about Carl Lipo's identification of the key reason for monument making.	87
•	Islanders stopped making statues when their lives became easier.	88
•	Participants in the festival cooperate so human activities won't permanently affect the desert environment.	89
•	The older members of the tribes at Poverty Point did not have great power over their people.	90
•	The builders had no intention of creating permanent structures.	91
•	A large crowd of people would have been required to build the mound.	92
•	The whole monument at Poverty Point was made out of earth.	93.
•	People's negative impressions towards one another can change when community projects encourage more interaction among them.	94
•	Tristram Kidder's work at Mound A revealed something previously unknown to researchers	95

IV. WRITING (6.0 points)

Part 1. Read the following extract and use your own words to summarise it. Your summary should be between 100 and 120 words.

Programs for highly able students in secondary schools frequently consist of advanced placement classes and acceleration in a specific content area. Advanced placement and accelerated content do have a place in the education of gifted students but offer few opportunities for young people to develop creative potential. Nor do these options, with a primary focus on content learning, foster independent learning abilities, creativity, or self-awareness.

Numerous studies have shown that independent study or self-directed learning is highly successful with gifted students; however, not all gifted students have the self-regulatory strategies essential for independent study. Goal-setting, planning strategies to reach the goal, and self-evaluation of progress are essential to the success of self-directed learning, but few gifted students reported using these strategies. When gifted students are taught how to use these strategies, however, they learn to use the strategies more efficiently and also are able to transfer them to new tasks. The implication is that designing activities that help gifted students develop self-regulatory learning strategies is an effective way to help highly able students.

One major goal of differentiated education for the gifted is to help highly able students realise their potential and experience a sense of personal fulfilment or self-actualisation. Another goal is to help these students understand their uniqueness (develop intrapersonal awareness) and cultivate the interpersonal skills needed to work effectively with the others. The <i>Autonomous Learner Model</i> was developed to meet the diverse social-emotional and cognitive needs of potentially gifted students and help them to develop strategies and attitudes necessary for independent learning. Autonomous learners are those individuals who have the ability to be responsible for development, implementation, and evaluation of their own learning. Becoming an autonomous learner is not an easy task; self-direction requires a new orientation to learning, development of cognitive and interpersonal skills, self-awareness, and formative experience in designing and conducting independent projects. As students develop needed skills, concepts and attitudes through class activities, they also explore topics, information sources, careers, and other resources that might stimulate ideas for further research. Changing orientation and attitudes to move away from highly structured, traditional classes toward autonomous learning is an incremental process that takes time, energy, goals, patience, and support.

Part 2. The table below shows annual incomes (in thousand USD) of different educational levels in the country of Fantasy.

Summarise the information by selecting and reporting the main features, and make comparisons where relevant. You should write about 150 words.

Level of education Year	Doctoral Degree	Master Degree	Bachelor Degree	Vocational College Diploma	Upper Secondary School Diploma
2018	60	50	40	35	18
2019	59	49	38	36	22
2020	58	48	36	38	16
2021	61	50	35	45	20

Part 3. Write an essay of 350 words on the following topic. Gifted students are not just those people who are knowledgeable but rather they are people who can use knowledge to solve specific problems. Discuss the statement and give your opinion.

- HÉT -

(You may write overleaf if you need more space.)



KỲ THI CHỌN HỌC SINH GIỎI QUỐC GIA TRUNG HỌC PHỔ THÔNG NĂM HỌC 2022 – 2023

Môn thi: Tiếng Anh (Đề thi Nói) Ngày thi: 25/02/2023

Question 1. Some people think that increased access to social media is of great benefit to people. Some others think otherwise, claiming that it does more harm than good. Discuss both these views and give your opinion.

Question 2. Some people think that students can learn better without taking tests/exams. Some others think otherwise, believing that learning without taking tests/exams is not learning at all. Discuss both these views and give your opinion.

Question 3. Some teachers think that students can study better when they do projects individually. Some others think otherwise, suggesting that they can study better when they do projects in groups/teams. Discuss both these views and give your opinion.

Question 4. Some people think that global warming is a natural phenomenon. Some others think otherwise, saying that it is caused by human activities. Discuss both these views and give your opinion.

Question 5. Some young people think that video games cause violence. Some others think otherwise, believing that video games bring more good than harm. Discuss both these views and give your opinion.

Question 6. Some people think that a sense of competition should be encouraged in children. Some others think otherwise, claiming that cooperation, rather than competition, should be encouraged. Discuss both these views and give your opinion.

Question 7. Some people think that admission to university should be based solely on students' school academic records. Some others think otherwise, claiming that scores of the entrance exams should be the sole criterion. Discuss both these views and give your opinion.

Question 8. Some people think that technology has improved the way we communicate. Some others think otherwise, claiming that it has decreased much quality of our face-to-face communication. Discuss both these views and give your opinion.

Question 9. Some people think that protecting the environment should be prioritised. Some others think otherwise, claiming that priority should be given to economic growth. Discuss both these views and give your opinion.

Question 10. Some people think that because the goal of learning a foreign language is communication, grammar learning is no longer important. Some others think otherwise, claiming that grammar still has a place in foreign language learning. Discuss both these views and give your opinion.

BỘ GIÁO ĐỰC VÀ ĐÀO TẠO

KÝ THI CHON HỌC SINH GIỚI QUỐC GIA TRUNG HOC PHỔ THÔNG NĂM HOC 2022 - 2023

Môn: TIẾNG ANH Ngày thi: 24/02/2023

HƯƠNG ĐẶN CHẨM THI Để thi chính thức (gồm 03 trang)

A. HƯỚNG DĂN CHUNG

- 1. Giám khảo chấm đúng theo hướng dẫn của Bộ Giáo dục và Đào tạo.
- 2. Nếu thí sinh có cách trả lời khác đáp án nhưng đúng thì giám khảo vẫn chấm điểm theo biểu điểm của Hướng dẫn chấm thi.
- 3. Giám khảo không quy tròn điểm thành phần của từng câu, điểm của bài thi.

R BẢNG PHÂN BỐ ĐIỂM

STT	Phần thi	Số câu hỏi	Điểm
1.	Listening	25	5,0
2.	Lexico-grammar	20	2,0
3.	Reading	50	5,0
4.	Writing	03	6,0
5.	Speaking	01	2,0
Điểm toàn bài			20,0

C. ĐÁP ÁN VÀ BIỂU ĐIỂM

I. LISTENING (5,0 điểm)

Part 1 (0 2 điểm cho 1 câu trả lời đúng)

rait i. (0,2 diciii	CHO I CUU HU I	Truurig)		
1. T	2. F	3. F	4. NG	5. F

Part 2. (0,2 điểm cho 1 câu trả lời đúng)

- 6, king of football/icon for everyone/king for people
- 7. the BBC/BBC Sports Centre/BBC Sports Center
- 8. three World Cup victories/3 World Cup victories
- 9. a national identity
- 10. skill and smile/skill, smile (in any order)

Part 3. (0,2 điểm cho 1 câu trả lời đúng)

11. A	12. C	13. D	14. B	15. C	
	iểm cho 1 câu trả lài	dún~l			
Paπ 4. (0,2 α	iểm cho 1 câu trả lời				
16 ailments		2	1. caioric		

16. ailments

17. alarming

18. sweeteners

19. digestion

20. raw

22. vitamins

23. fat-free/fat free

24. substitutes

25. appetite

II. LEXICO-GRAMMAR (2,0 điểm)

Part 1 (0 1 điểm cho 1 câu trả lời đúng)

		au ciu ioi umili					
26. C	27. D	28. A	29. B	30. D	31. A	32. C	33. A
34. B	35. A	36. C	37. B	38. B	39. C	40. D	

Part 2. (0,1 điểm cho 1 câu trả lời đúng)

- 41. Asynchronous
- 42, resoundingly
- 43. Containerisation/Containerization
- 44. micromanagement
- 45. decarbonising/decarbonizing

III. READING (5,0 điểm)

Part 1. (0.1 điểm cho 1 câu trả lời đúng)

46. place/country/nation	47. is/seems/appears	48. contrast	49. on	50. Maternity
51. those/people	52. workplace	53. booming/growing /developing/flourishing/thriving		55. term/word

Part 2 (0.1 điểm cho 1 câu trả lời đúng)

rail 2. 10, 1 uic	ill cito i cua ci	1101 001113/			0.1 =	62 NG
		FO F	59 NG	60. T	161 -	62. NG
56. T	15/1	58. F	39.146	00. 1	0111	13-1000 EM 10 HILLOUSE
00.1	01					

63. political domination	64. distressing	65. have second thoughts
66 social virtues	67. alleged effects	68. defenceless victims/defenseless victims

Part 3, (0.1 điểm cho 1 câu trả lời đúng)

Pail 3. (4, 1	alelli cilo i c	ad dis lot dalig/			7.4	75 0
	70 D	71 0	72 F	73. H	1 (4. A	/5. U
69. E	/ U. B	11.0	12.1	70.11		

Part 4. (0.1 điểm cho 1 câu trả lời đúng)

Part 4. (U. I dieni U	io i cea da loi carre			
76 A	77 D	78. B	79. A	80. C
81 B	82. D	83. D	84. B	85. C

Part 5 (0.1 điểm cho 1 câu trả lời đúng)

Part 5. 10.1 gielli Cilo i Cau lia loi u	4119/		
7 47 67 7	88. D	89. G	90. A
86. B 87. F	93. A	94. G	95. B

IV. WRITING (6,0 điểm)

Part 1. (1,5 điểm)

Contents

The summary should:

- introduce the topic of the passage,
- present the main ideas of the passage.

Language use

The summary should:

- demonstrate a wide variety of vocabulary and grammatical structures,
- have correct use of words and mechanics,
- maintain coherence, cohesion, and unity throughout.

Part 2. (1,5 điểm)

Contents

The report should:

- introduce the table and state its striking features,
- summarise the main features with relevant data from the table,
- make relevant comparisons.

Language use

The report should:

- demonstrate a wide variety of vocabulary and grammatical structures,
- have correct use of words and mechanics,
- maintain coherence, cohesion, and unity throughout.

Part 3. (3,0 điểm)

Task achievement

The essay should:

- sufficiently address all requirements of the task,
- develop relevant supporting ideas with explanations, examples, evidence, etc.

Organization

The essay should have:

- an introduction presenting a clear thesis statement introducing the points to be developed,
- body paragraphs developing the points mentioned in the introduction,
- a conclusion summarising the main points discussed in the essay.

Language use

The essay should:

- demonstrate a wide variety of vocabulary and grammatical structures,
- have correct use of words and mechanics,
- maintain coherence, cohesion, and unity throughout.

Markers should discuss the suggested answers and the marking scale thoroughly before marking the papers.

Thank you for your cooperation.

- HÉT -

BỘ GIÁO DỤC VÀ ĐÀO TẠO

KỲ THI CHỌN HỌC SINH GIỚI QUỐC GIA TRUNG HỌC PHỔ THÔNG NĂM HỌC 2022 – 2023

HƯỚNG DẪN CHẨM THI NÓI Đề thi chính thức (gồm 01 trang) Môn: TIẾNG ANH Ngày thi: 25/02/2023

HƯỚNG DẪN CHẨM THI

A. Tiêu chí đánh giá

- 1. Độ lưu loát, mạch lạc, chặt chẽ
 - Trình bày lưu loát.
 - Bố cục mạch lạc, chặt chẽ (Có mở đầu, phát triển ý và kết luận).
- 2. Nội dung
 - Các ý tưởng liên quan đến chủ đề được chuyển tải đầy đủ, hiệu quả.
 - Ý tưởng phong phú, sáng tạo.
- 3. Độ chính xác
 - Phát âm chính xác, rõ ràng, ngữ điệu phù hợp.
 - Sử dụng từ ngữ và cấu trúc ngữ pháp chính xác, phù hợp với chủ đề.
- 4. Phong cách trình bày/diễn đạt
 - Trình bày tự nhiên, tự tin.
 - Biết sử dụng kỹ năng diễn thuyết.
- B. Tổng số điểm Nói:

2,0/2,0 điểm