





نام خانوادگی محل امضاء

عصر جمعه ۹۱/۱/۲۵ دفترچه شماره (۱) اگر دانشگاه اصلاح شود مملکت اصلاح میشود. امام خمینی (ره)

جمهوری اسلامی ایران وزارت علوم، تحقیقات و فتّاوری سازمان سنجش آموزش کشور

## **آزمـون ورودی دورههای دکتـری (نیّمه متمرکز) داخل** در سـال ۱۳۹۱

## زبان انگلیسی (عمومی)

(برای کلیه رشتههای کروههای آزمایشی علوم انسانی، علوم پایه، فنی و مهندسی، کشاورزی و منابع طبیعی، هنر، علوم پزشکی، دامپزشکی، تربیت بدنی، زبان و ادبیات فارسی، فرهنگ و زبانهای باستانی)

مدت پاسخگویی: ۱۲۰ دقیقه

تعداد سؤال: ١٠٠

عنوان مواد امتحانی، تعداد و شماره سؤالات

تا شماره	از شماره	تعداد سؤال	مواد امتحانی	رديف
١	١	1	زبان انگلیسی (عمومی)	١

**فروردین سال 1391** 

این درس نمره منفی دارد.

**مق جاپ و تکثیر سؤالات پس از برگزاری آزمون برای تمامی اشغاص حقیقی و حقوقی ثنها با مجوز این سازمان مجاز می باشد و یا متخلفین برابر مقررات رفتار می شود.** 

	صفحه	*•1D	زبان انگلیسی ــ عمومی
	PART A: Grammar 1		
1-	The popularity of game theory has varied	economics.	
	1) to be introduced by	2) in order to introduce into	
•	3) since its introduction into	4) from its introduction by	man balla Datas
2-	Although there are many definitions of	epistemology, is	probably ——— Brian
	MacMahonetal.  1) most widely accepted one – by	2) the one most wide accepted	- from
	most widely accepted one – by     one mostly wide accepted – those by	4) the most widely accepted –	
3-	This debate, on such values as equality :	and liberty, may never be fina	lly resolvable.
	1) it turns 2) turning as it does	3) which it turns 4) tu	rning it does
4-	Experiments involve introducing a planned inte	rvention, a "treatmen	t" into a situation.
_	1) as usually referred to 2) as usually referring to	3) referring usually as 4) us	sually referred to as
5-	Research in the history of the family has p	rogressed from the narrow	view of the family as a
	household unit ——— as a process over the enti		
	1) to consider itself 3) to considering it	of considering it such     for considering such	
6-	In every war, each side tends to regard its own	poals as legitimate and	illegitimate.
0-	1) those of the other as	2) one of the other as	
	3) ones for others being	4) that for others being	
7-	Inflation is generally taken to be the rise of price	es, or,, the fall of the	general purchasing power
	of the monetary unit.		
	1) to put other way round	2) to put it round other way	
	3) putting the way other round	4) put the other way round	
8-	the human brain is a "language lea	rning" organ is provided by	y neurological studies of
	language disorders.  1) Supporting further the view which	2) To support further the view	which
	3) Further supporting the view that	4) Further support for the view	
9-	Mass media ———— a new social institution, con		
	of the word.	•	- C
	1) together comprising - in the widest	2) together comprise - in the v	
••	3) altogether comprised of – in most widely	<ol><li>is altogether comprised of -</li></ol>	in most widely
10-	Inbreeding is mating between closely related many plants and some animals.	individuals, self-iert	ilization, which occurs in
	1) the extreme condition being	2) to be extreme condition as	
	3) of which extreme condition is	4) it is the extreme condition	
	PART B: Grammar 2	,	
11-	The biggest <u>flight creatures</u> ever seen on	earth lived <u>in the days</u>	of the dinosaurs and
		3	
	were called pterosaurs. No Error		
12-	An amazing experiment has been taki	ng place in the desert	where an emormous
	1		
	complex of greenhouses has been created to sim	ulate the different environme	nt of the earth. No Error
13-	Technology has developed so fast in the		
		1	
	into today are almost unrecognisable as the	world their parents were bor	n into. <u>No Error</u>
14-	There is really little doubt the British ar	e different from other me	mbers of the European
	1 2		-
	Community which some recent statistics demon	strate. No Error	
15-	Researchers have found that skin cancer is incr	easing <u>by 5 percent</u> a year <u>all</u>	over the
	world and cases have doubled in the last ten yes	l Pr. No Frror	2
	3	4	
16-	Happening the first Airbus crash, the A	ir France chief instructor	was grounded because
	investigators did not believe his story t	hat the computers on h	noerd did not resnond
	investigators did not believe his story t	or compared on o	22 2.u 201 100ponu
	quickly enough. No Error		
17-	The modern view runs counter to the p	principal assumption of th	e traditional view that
	1	2	3
	all knowledge except for some simple principles	of association is learned. No	Error

	صفحه ۲		۴۰۱D	زبان انگلیسی ــ عمومی
18-	In the period	immediately prior	to the Second World W	ar, the theoretical basis for
	sociology broade	ned and <u>drawn particul</u> 3	arly on the insights on burea	ucracy. <u>No Error</u> 4
19-	Bilingualism used	d to be seem <u>as occurred</u> 2	in <u>clearly-defined</u> areas of th	e world, but now it
	is said that biling	ualism is restricted to i	ndigenous groups. No Error	
20-	The discovery	that dreams take	place <u>primarily during</u>	a distinctive state of sleep,
	to identify by obj	ective criteria, <u>led to</u> a :	rebirth of interest in dreams.	No Error 4
	PART C: Vocabi			
21-		memories of the		4) commonwated
22_	1) evoked Pil need to think	2) designated	3) resembled  as what short ——— to take to	4) commemorated o succeed in the entrance exam.
<i></i>	1) quest	2) route	3) prompt	4) venture
23-	Facing strong on	position from immigrar	its, the government — the	anti-immigration law.
	1) deposed	2) decamped	3) repealed	4) dispatched
24-			music that is taken from a lo	
	1) excernt	2) faction	3) enisode	4) constituent
25-	The exhibition of	ffers a fascinating	- at life beneath the waves.	.,
	1) enterprise	2) glimpse	3) multiplicity	4) scrutiny
26-	Bad weather has	continued to the	e search for survivors.	
	1) obliterate	2) discharge	3) mitigate	4) hinder
27-		ed does not affect one's	to tax.	,
	1) contiguity	2) fragility	3) liability	4) exposure
28-			acking in ———, so its findin	
	1) proposition	<ol><li>presumption</li></ol>	3) entitlement	4) rigor
29-	Blood tests	- an infection as the cau	se of the symptoms.	, 0
	1) drew up	2) broke out	3) ended up	4) ruled out
30-	We have closely -	our research and	d development work with our	business needs.
	1) commuted	2) interrogated	3) aligned	4) spanned
31-	The clouds	- as quickly as they had	i gathered.	, - <b>r</b>
	1) unfolded	2) dispersed	3) withdrew	4) relinquished
32-			t will beby him/her.	,,
	1) reciprocated	2) stipulated	3) stretched	4) manifested
33-				traditional ideas of family life.
	1) swing	2) dilemma	3) surge	4) dismissal
34-	A —— is a sma	ll change in the regular	motion of an object.	.,
	1) vortex	2) gravity	3) mishap	4) perturbation
35-	Five years ago, 1	the country carried out	reforms to moderni	ze its economy and now it has a
	prosperous econo			
	1) overbearing	2) full-grown	3) far-reaching	4) long-established
36-		ot easily more the		, 5
	1) override	2) enetain	3) overcome	4) surpass
37-	Descartes' famou	18: "I think; the	refore, I am."	, .
	1) dictum	2) standing	3) jargon	4) approximation
38-	A language cours	se shouid be ——— by a		, .,
	1) defied	<ol><li>underpinned</li></ol>	3) meditated	4) refurbished
39-	This paper is said	d to ——— our standard	l, so it will not get published.	,
	1) shy away from	<ol><li>have a grudge</li></ol>	against 3) put up with	4) fall short of
40-	The president sai			signed by the previous regime.
	1) counteracted	2) contorted	3) overthrown	4) bound
41-	The government	's popularity has dropp		d to unemployment.
	1) pull over	2) grip with	3) turn out	4) throw up
42-	These matters ar	e significant because th	eyethics in research.	*
	1) let up	2) fall through	3) pass on	4) bear on
43-			- it and write it again.	
	1) drop – off	2) dash – off	3) boil – down	4) cross – out
44-		re presented at the conf		•
	l) stands out	2) stands by	3) sets out	4) sets up
45-		next month—you n	ust get it renewed.	•
	1) checks out	2) runs out	3) breaks down	<ol><li>settles down</li></ol>
		-	•	

صفحه

F-1D

زبان انگلیسی ـ عمومی

## PART D: Cloze Test

The history of the world is the story of man-from the first civilization to the space age. The story (46) ----- a period of about 5,000 years, beginning about 3000 B.C. At that time, or even (47) men developed a way to write down their experiences. Those early writings began the record of man's (48) ----- that we study today as world history.

Before the development of writing, human beings had existed for about 2.5 million years—over 500 times (49) ----- the total span of recorded history. The long period before writing began is called Prehistoric Times. Scientists have (50) ----- together the story of that period.

World history shows that civilization today is the product of many cultures. For thousands of years, various peoples have borrowed ideas and inventions from each other. This (51) ----is called culture diffusion.

(52) ----- most of world history, the most important regions for new ideas and inventions were the Middle East, Egypt, India, and China. But during Modern Times—the period of the last 500 years—Western civilization has made rapid progress, while other civilizations (53) ------. As a result, the course of culture diffusion changed. During Modern Times, the flow of ideas and inventions has (54) ----- from West to East. The development of worldwide systems of communication and transportation conquered (55) --of time and distance.

Mankind's progress through the centuries has been (56) ----- many changes, and every generation has faced the challenge of serious problems. Great civilizations have developed, (57) ----- for a time, and then collapsed. International disputes have brought on terrible wars. In every age, millions of persons have suffered hunger and hardship, (58) ----- enjoyed prosperity. Today, we live in the greatest civilization of all times. But war and widespread poverty (59) ----- the most important problems of mankind. Man has greater knowledge and more technological power than (60) ----- As a result, he probably has a better chance to meet the challenge of today than any generation of the past.

46- 1) narrates	2) covers	3) ranges	<ol><li>spreads</li></ol>
47- 1) a little earlier	2) early a little	<ol><li>too much sooner</li></ol>	4) sooner or later
48- 1) movement	2) progress	3) direction	<ol><li>proceeding</li></ol>
49- 1) much larger than	2) as large as	3) so long as	<ol><li>longer than</li></ol>
50- 1) announced	2) combined	3) pieced	<ol><li>cooperated</li></ol>
51- 1) transformation	2) exchange	3) culture	4) record
52- 1) Throughout	2) Altogether	3) In spite of	4) Across
53- 1) lagged	2) impaired	<ol><li>detained</li></ol>	<ol><li>preceded</li></ol>
54- 1) transferred	2) swept	3) erupted	4) carried
55- 1) domains	2) contexts	3) periods	<ol><li>barriers</li></ol>
56- 1) marked by	2) dated back to	<ol><li>emerged by</li></ol>	<ol><li>referred to</li></ol>
57- 1) shifted	<ol><li>inspired</li></ol>	3) flourised	4) created
58- 1) even if the other	<ol><li>whereas other</li></ol>	<ol><li>unlike the others</li></ol>	<ol><li>while others</li></ol>
59- 1) are then	2) still are	3) are so far	4) are yet
60- 1) ever before	2) ever since	<ol><li>since then</li></ol>	4) ever then

PART E: Reading Comprehension

The forest from which Man takes his timber is the tallest and most impressive plant community on Earth. In terms of Man's brief life it appears permanent and unchanging, save for the seasonal growth and fall of the leaves, but to the forester it represents the climax of a long succession of events.

No wooded landscape we see today has been forest for all time. Plants have minimum requirements of temperature and moisture and, in ages past, virtually every part of Earth's surface has at some time been either too dry or too cold for plants to survive. However, as soon as climatic conditions change in favour of plant life, a fascinating sequence of changes occurs, called a primary succession.

First to colonize the barren land are the lowly lichens, surviving on bare rock. Slowly, the acids produced by these organisms crack the rock surface, plant debris accumulates, and mosses establish a shallow root-hold. Ferns may follow and, with short grasses and shrubs, gradually form a covering of plant life. Roots probe even deeper into the developing soil and eventually large shrubs give way to the first trees. These grow rapidly, cutting off sun light from the smaller plants, and soon establish complete domination-closing their ranks and forming a climax community which may endure for thousands of years.

Yet even this community is not everlasting. Fire may destroy it outright and settlers may cut it down to gain land for pasture or cultivation. If the land is then abandoned, a secondary succession will take over, developing much faster on the more hospitable soil. Shrubs and trees are among the early invaders, their seeds carried by the wind, by birds and lodged in the coats of mammals.

For as long as it stands and thrives, the forest is a vast machine storing energy and the many elements essential for life,

61- Why does the forest strike mankind as permanent? ) It is an essential part of our lives.

 2) It is renewed each season.
 4) The trees are so tall. Our lives are short in comparison.

62- What has sometimes caused plants to die out in the past?

1) The introduction of new types of plants
3) The absence of wooded land
2) Variations in climate
4) Interference from foresters 63-In a "primary succession" (line 7), what makes it possible for mosses to take root?

1) The amount of moisture 3) The amount of sunlight

2) The type of rock 4) The effect of lichens

64. What conditions are needed for shrubs to become established?  1) The ground must be covered with grass.  2) Smaller plants must die out.  3) Ferns must take root.  65. Why is a "secondary succession" (line 15) quickler?  1) There is more space for new plants.  2) The ground is more suitable.  3) Birds and animals bring new seeds.  4) It is supported by the forest.  67. He word "virtually" (line 14), the author means of the word "virtually" (line 14), the author means of the word propeople 2) shrubs  1) a group of people 2) shrubs  68. The word "thrives" (line 18) is closest in meaning to ———————————————————————————————————	صفحه ۵		*·1D	زبان انگلیسی ـ عمومی
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3) Birds and animals bring new seeds.  6) The word "virtually" (line 5) can best be replaced by ———————————————————————————————————				iitable.
1) actually 2) hastily 3) abundantly 4) ultimately 67-By "community" (line 14), the author means 1) a group of people 2) shrubs 3) smaller plants 4) trees 68-The word "furtives" (line 18) is closest in meaning to 1) needs water 2) grows 3) gets older 4) values Naturally the young are more inclined to noveley than their delers and it is in their speech, as it always was, that most of the verbal changes originate. But listening critically to their talk I hear hardly any new words. It is all a matter of using old words in a new way and then copying each other, for much as they wish to speak differently from their parents, they want even more to speak like people of their 5 own age. A new usage once took time to spread, but now a pop star can flash it across the world in hours. Of course it is not only the young who like to use the latest in-word. While they are describing their idols as smashing, great, fab or cosmic, their parents and the more discriminating of the younger set are also groping for words of praise that are at once agt and fashionable. However, their choice of sphendid, brilliant, fantastic and so on will in turn be slightly dimmed by over-use and need replacement.  Magic is a theme that has regularly supplied words of praise (and the choice must betray something in our nature). Charming, entrancing and enchanting are all based on it. So also is marvellous, which has been used so much that some of its magic has faded while among tenagers wizard had a great run. Another of this group, though you might not think it, is glamorous, which was all the rage in the great days of Hollywood. Chamour was a Soctish dialect form of "grammar" or "grammarye", which itself was 15 an old word for enchantment (Grammar means the study of words, and words have always been at the heart of magic. The change from ""to "" may have come about through the association with words like gleaning and gilitering.  On the whole, when a new word takes over the old ones remain, weakened but still in use, so that the total stock incr	3) Birds and animals bring new	seeds.	4) It is supported by the	
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6.9 The word "thrives" (line 18) is closest in meaning to ———————————————————————————————————				4) ultimately
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10 institution. Too many schools adopt the 'win at all costs' ethic and measure their success by sporting achievements. The current mania for making children compete against their peers or against the clock produces a two-tier system, in which competitive A types seem in some way better than their B type fellows. Addiction to winning can have dangerous consequences: remember that Pheidippides, the first marathon runner, dropped dead seconds after croaking: 'Rejoice, we conquer!'

By far the worst form of competition in schools is the disproportionate emphasis on examinations. It is a rare school that allows pupils to concentrate on those things they do well. The merits of competition by examination are dubious enough, but competition in the certain knowledge of failure is positively harmful.

Obviously, it is neither practical nor desirable that all A youngsters change into B's. The world needs both types, and schools have an important duty to try to fit a child's personality to his possible future employment. It is a fallacy, for instance, that people successful in business are full of competitive zeal; there are many B types in top management.

If the preoccupation of schools with academic work was lessened, more time might be spent teaching children surer values. Perhaps selection for the caring professions, especially medicine, could be made less by good grades in chemistry and more by such considerations as sensitivity, altruism and compassion.

It is surely a mistake to choose our doctors exclusively from A type stock. B's are important and should be

encouraged. 76- According to cardiologists, Type A individuals are usually - greedy 2) aggressive 3) affectionate 77- Children develop into Type A rather than Type B individuals because of-2) pressure from their friends 1) hereditary defects differences in social class 4) parental attitudes 78- What feature of schools does the author criticize? 1) Sport is rated below academic achievement. Intelligent students become discouraged. Some individuals are undervalued. 4) There is a limited choice of subjects. 79- What is particularly harmful about examinations? 1) Failure rates are high. 2) Some students are bound to fail. 3) Unsuitable subjects are set. 4) The wrong students succeed. 80- Entrants to the medical profession at present are selected on the basis of their 1) competitive spirit 2) academic achievements 3) interest in society personal qualities

81- The word "mania" in (line 11) means -1) mentality 2) decision The 32,000-word novella The Time Machine by H.G. Wells, published in 1895, is generally credited with popularizing the idea of time travel by means of a time machine, a vehicle which takes the occupant

backward or forward in time. Dozens of sequels and adaptations over the years have further promoted the notion. Indeed, Albert Einstein's Theory of Special Relativity lays the foundation for the possibility of time

travel. So far, no one has demonstrated the ability to travel in time. However, time machines have been constructed, and they do allow glimpses into the past.

The most efficacious time machine currently in existence is the Hubble Telescope, named after the American astronomer Edwin P. Hubble. Its capability to locate distant astronomical targets and lock in on them, permitting their faint light to aggregate on its detectors, allows it to peer far into the past. Light

travels 186,000 miles per second. The Hubble Telescope has looked back in time at 10,000 galaxies whose light left them billions of years ago. Therefore, utilizing the telescope as time machine, astronomers are able to contemplate galaxies as they were eons ago.

Although the telescope was launched into space in 1990, its inception was almost a half-century earlier as astronomer Lyman Spitzer, Jr. mulled over the possibility of a large space telescope in a 1946 report,

"Astronomical Advantages of an Extra-Terrestrial Observatory." Because the earth is bathed in its constantly churning atmosphere, earth-based telescopes cannot penetrate deep space; the atmosphere distorts the view. Telescopes were constructed on mountains, but there was still no way to wholly escape the effects of the layers of gases enveloping the earth.

During the 1960s, the Space Race between the then-Soviet Union and the United States was accelerating. The National Aeronautics and Space Administration (NASA) was established. Funds for space endeavors were abundant, and plans for a large space telescope, by then designated the LST, were underway. The designs called for a 2.4-meter primary telescope mirror which could be transported into space by one of NASA's rockets. According to National Geographic's <u>Imaging Space and Time</u>, the resolving power of the deep space telescope would be "equivalent to being able to distinguish the left and right headlights of a car in California seen from New York, or features less than 1/30,000th the size of the full moon. This was at least a tenfold increase over the atmospheric limit.

One of the primary challenges involved in successfully transporting the telescope into space was protecting the mirror from the jarring vibrations that occur during launch. It was crucial that the mirror be able to withstand the shuttle's vicissitudes as well as the volatile atmospheric conditions found in space. If not, the precise shape of the mirror could be compromised, and its imaging capability significantly

weakened.

	صفحه ۷		F-1D	زبان انگلیسی ــ عمومی
				ed that the primary mirror had not imeter askew, which is large by
5	optical standards. In 19 of the Hubble. In 2009,	93, space-walking astronauthe corrective lenses them	uts installed corrective lenuselves were replaced with	ses which improved the eyesight a supersensitive
			new spectrograph is exp	ected to provide insight into the
		abble, the James Webb Sp		d to be launched in 2014. It will hobserves in the visible and
0	ultraviolet light ranges.	, so it will complement un	e muddie Telescope, which	i observes the the visible and
U		as the canability to view g	alaxies that were formed 1	3.7 billion years ago, long before
				s aspire to see beyond the Hubble
				s had formed. If H.G. Wells was
				characters in the popular work
		y only a fourth dimension		
		thing different? And why	cannot we move in Tim	e as we move about in the other
	dimensions of Space?"			
				vity seemed to concur with Wells'
۸				ald alter time by causing it to
92		bility of not merely glimps		
04-		nable to observe light on th		of the Hubble Telescope?
		be replaced by the James		
		initially constructed in 19		
	1) I only	2) II only	3) I and II only	4) Ill only
83-		age, who had the idea for		,,
	1) H.G. Wells	2) Albert Einstein	3) Edwin P. Hubble	4) Lyman Spitzer, Jr.
84-	In (line 29), "vicissitud	les" most closely means -	<del></del> .	
		ay compromise the shuttle		
		ns which may compromise		
		g which may cause change		
		h may cause corrosion aro		
85-			following best articulat	es the author's opinion of the
	inception of the Hubb			
		vith little imminent chance		
		entific proposition which v		
		response to the quickening e and money which were n		
86		of the passage is to		
00-		ion of the Hubble Space To		oring deen space

Special Theory of Relativity 87- It can be inferred that the author regards time travel as-

1) an interesting literary notion, but proven to be impossible by Einstein's Special Theory 2) a ridiculous idea whose time has come and gone, as well as an astronomical improbability

4) draw a comparison between H.G. Wells' notion of time travel with Albert Einstein's

2) dispute the argument that the Hubble Telescope functions as a modern-day time machine 3) describe the circumstances which underlay the mid-century national drive toward a large

3) a persuasive topic in fiction, as well as a hypothetical possibility in light of Einstein's Special Theory

4) the incoherent literary construction of a fictional author, with little relevance to today's scientific community 88- It can be inferred from the passage that scientists believe that time is -I) an impenetrable mystery 2) a spatial dimension

4) unidirectional 3) a constant 89- The word "it" (line 49) refers to -

space-based observatory

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1) light 2) speed 3) space 4) time

90- The word "inception" in (line 13) can best be replaced by 1) idea 2) travel 3) beginning 4) construction

91- An example of using a telescope to travel in time is given in paragraph 1) one 2) three 3) eight 4) six

The terms "intelligence augmentation" and "intelligence amplification" evoke images of human beings with computer chips embedded in their skulls or bizarre accoutrements attached to their heads. However, according to an article entitled Get Smart by Jamais Cascio, human beings' ability to augment their intelligence is precisely the prowess which has empowered us to survive "a series of convulsive glacial events" evinced by the last ice age.

Neurophysiologist William Calvin asserts that the human species continues to evolve cognitively and to create its own cognitive evolution in two basic ways: external and internal.

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10	Cascio states that humans have been externally augmenting their intelligence for millennia. By developing written language, we boosted our capacity to share information over space and time. Other advancements, such as agricultural and industrial technologies, reduced the exigencies of manual labor. Current external digital systems augment human intelligence by allowing us to perform tasks that would be
15	unfeasible with recourse only to the rational skills of a singular human brain. Cascio cites as examples the "powerful simulations and massive data sets (which) allow physicists to visualize, understand, and debate models of an 11- dimension universe, real-time data from satellites, global environmental databases, and high-resolution models (which) allow geophysicists to recognize the subtle signs of long-term changes to the
	planet," and similar man-made interactions which have the functional effect of augmenting human intelligence. Conceivable potential software could incorporate individual "attention filters" or "focus assistants" which would discern and highlight your individual preferences in a computer display,
20	permitting you to focus and direct your computer searches more efficiently than you do now. It could incorporate individualized planning and foresight systems which could allow people to play "what-if" with their life choices. Such systems could co-evolve with people to produce intimate technologies which would become "something akin to collaborative intuition," through web-based information systems with
	personalized components, according to Cascio.
25	Somewhat more problematic in social terms might be pharmacological intelligence augmentation, evoking Brave New World nightmares – pharmaceutically placated people tranquilized to zombie-like subservience to the collective and a central bureaucracy dedicated to its own continued survival. However,
	as with external cognitive augmentation, the future has arrived – in the form of, for example, ADD drugs, pharmaceutical agents which mitigate sleep disorders, and antidepressants, all of which enhance human problem – solving ability and cognitive efficiency. According to Cascio, "people who don't know about
30	(such drugs) or don't want to use them will face stiffer competition from people who do. From the perspective of a culture immersed in athletic doping wars, the use of such drugs may seem like cheating.
	From the perspective of those who find they're much more productive using this form of enhancement it's no
	more cheating than getting a faster computer or a better education."
25	Cognitive amplification, whether by external or internal means, may constitute evolution, if Calvin's
33	assertion is correct. Some societies may readily embrace it, while others may shy away. As science fiction writer William Gibson observes, "The future is already here; it's just unevenly distributed."
92.	The author is mainly concerned about
	1) the differences between external and internal intelligence augmentation
	2) some scientists who are working on intelligence augmentation
	3) various dangers of intelligence augmentation
93.	4) the basic methods of intelligence augmentation  The author's use of the phrase "somewhat more problematic in social terms" refers to
,,,	1) the difficulty of making pharmacological enhancement socially acceptable
	2) the relationship between external and internal intelligence augmentation
	3) the difficulty of making cognitive enhancement widely available
0.4	4) equalizing cognitive competitive advantages among social groups
74.	- As it is used in (line 25), the word "placated" most closely means ———.  1) cured 2) quieted 3) deprived 4) assisted
95	In the context of the passage, which of the following best articulates the author's opinion?
	1) Some people consider intelligence enhancement to be a form of cheating.
	2) Personalized software could be misused by a bureaucracy intent on its own continued survival.
	3) Intelligence amplification by external means might be more difficult to achieve than by internal means. 4) External and internal intelligence enhancement might constitute evolution in cultures that accept them.
96	- The primary purpose of the passage is to
	1) dispel misgivings about humanity's attempts at creating its own evolution
	2) discuss society's reactions to pharmacological cognitive augmentation
	3) describe different kinds of intelligence enhancement
37_	4) illustrate the limitations of external intelligence augmentation  The word "prowess" in line 4 is closest in meaning to
,,-	1) skill 2) mind 3) feature 4) advantage
98-	According to the passage, the last ice age
	1) was the beginning of intelligence amplification 2) led to great changes on the earth
20	3) made humans get smart 4) destroyed human intelligence
, J-	Brave New World seems to depict  1) the dangers of ADD drugs  2) the nightmares of addicted people
	1) the dangers of ADD drugs 2) the nightmares of addicted people 3) the effect of medicine on cognitive development 4) people's control by a central government
100	The word "it" in (line 19) refers to
	1) computer 2) software 3) human intelligence 4) display