

# قدم به قدم، همراه دانشجو...

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جامع ترین و بهروز ترین پرتال دانشجویی کشور (پرتال دانش) با ارائه خدمات رایگان، تحصیلی، آموزشی، رفاهی، شغلی و... برای دانشجویان

۱) راهنمای ارتقاء تحصیلی. (کاردانی به کارشناسی، کارشناسی به ارشد و ارشد به دکتری)

٢) ارائه سوالات كنكور مقاطع مختلف سالهاى گذشته، همراه پاسخ، به صورت رايگان

۳)معرفی روشهای مقاله و پایاننامه نویسی و ارائه پکیجهای آموزشی مربوطه

۴)معرفی منابع و کتب مرتبط با کنکورهای تحصیلی (کاردانی تا دکتری)

۵) معرفی آموزشگاهها و مراکز مشاوره تحصیلی معتبر

۶)ارائه جزوات و منابع رایگان مرتبط با رشتههای تحصیلی

٧) راهنمای آزمون های حقوقی به همراه دفترچه سوالات سالهای گذشته ( رایگان )

٨)راهنمای آزمون های نظام مهندسی به همراه دفترچه سوالات سالهای گذشته ( رایگان )

۹) آخرین اخبار دانشجویی، در همه مقاطع، از خبرگزاری های پربازدید

۱۰)معرفی مراکز ورزشی، تفریحی و فروشگاههای دارای تخفیف دانشجویی

۱۱)معرفی همایشها، کنفرانسها و نمایشگاههای ویژه دانشجویی

۱۲)ارائه اطلاعات مربوط به بورسیه و تحصیل در خارج و معرفی شرکتهای معتبر مربوطه

۱۳)معرفی مسائل و قوانین مربوط به سربازی، معافیت تحصیلی و امریه

۱۴)ارائه خدمات خاص ویژه دانشجویان خارجی

۱۵)معرفی انواع بیمههای دانشجویی دارای تخفیف

۱۶) صفحه ویژه نقل و انتقالات دانشجویی

١٧)صفحه ويژه ارائه شغل هاي پاره وقت، اخبار استخدامي

۱۸)معرفی خوابگاههای دانشجویی معتبر

19)دانلود رایگان نرم افزار و اپلیکیشن های تخصصی و...

۲۰)ارائه راهکارهای کارآفرینی، استارت آپ و...

٢١)معرفي مراكزتايب، ترجمه، پرينت، صحافي و ... به صورت آنلاين

۲۲)راهنمای خریدآنلاین ارزی و معرفی شرکت های مطرح

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Section One: Voca	<u>bulary</u>					
Read each statem answer (1, 2, 3,	We in the second	and fill in the blan	k(s) with the correct			
1- When traffic con	nes to a at	intersections, motorists	often ignore the officers			
trying to direct ther	n.					
1) violation	2) rest	3) shatter	4) halt			
2- If you do not rest	enough, you will actu	ally your wo	orkout progress.			
1) withdraw	2) stun	3) hinder	4) evade			
3- The greatest	I have for le	osing weight is my desi	re to share a long and			
healthy life with my	family.					
1) incentive	2) obligation	3) frustration	4) conquer			
4- Many developin	g countries hold the	world's richest tropica	al rain forests, and the			
global community v	vill benefit greatly fro	m the of thes	se forests.			
1) estimation	2) pollution	3) transition	4) preservation			
5- Negotiations between the two countries after a two-year pause in February						
2013.						
1) responded	2) resumed	3) rehabilitated	4) reformed			
6- Huge	panels made of silicon	n create electricity from	sunlight.			
1) fabric	2) celestial	3) solar	4) stained			
7- She simply felt in	capable of continuing	and was to	return home.			
1) judged	2) inspired	3) tempted	4) ensured			
8- I agreed with my	8- I agreed with my friend and supported his idea.					
1) arguably	2) vigorously	3) ironically	4) unwillingly			
9- Films are cultural created by specific cultures.						
1) artifacts	2) species	3) outcomes	4) expressions			
10- Moisture rises	from the Earth's su	rface and falls back i	n a never-ending cycle			
by the Sun's energy.						
1) affording	2) conceived	3) imposed	4) driven			

11- Its healing prope	rties have made it espe	cially useful as an ingre	edient for lotions and		
gels that	burns, including sunt	ourn.			
1) shimmer	2) soothe	3) soak	4) vanish		
12- Most insects	a complete cha	nge between the larva	l stage and the adult		
form.					
1) take over	2) produce	3) undergo	4) survive		
13- In light of illegal	activities, they were for	ced to their	business.		
1) confirm	2) abolish	3) thrive	4) respond		
14- If you	your financial situation	n, then consider going o	n a budget.		
1) adore	2) envy	3) conflict	4) detest		
15- To lose weight,	you need to perform a	n aerobic activity a	of 20 to 30		
minutes at least th	ree times a week.				
1) minimum	2) myriad	3) manner	4) magnitude		
16- He is an amazing	person. He has been	with the abili	ity to understand two		
voices at the same time, one through his left ear and another through his right ear.					
1) granted	2) donated	3) endowed	4) forgiven		
17- Today, the impor	tance of learning a fore	ign language has risen.	In fact, there is more		
for spe	for speaking a second language.				
1) reluctance	2) enthusiasm	3) conflict	4) indifference		
18- In yea	8- In years, scientists hope to be able to find additional cures for the disease.				
1) subsequent	2) wishful	3) emergent	4) incredible		
19- When plant ma	9- When plant material is below the ground, earthworms come to the				
surface to find leaves.					
1) forbidden	2) scarce	3) abundant	4) fragile		
20- I try to test my m	emory daily to see if I c	an newly im	printed data.		
1) merge	2) retrieve	3) confirm	4) induce		
21- The lawyer has th	ne that the n	nurderer might have a	mental instability. He		
has to come up wit	h more evidence.				
1) speculation	2) interrogation	3) documentation	4) prosecution		

22- The	Environmen	t Organization has an	nounced that Iranian	tiger can rarely be
found	in forests. In	fact, this species is on the	he verge of	
1) des	struction	2) collapse	3) extinction	4) reproduction
23- The	government	is trying to	relations with other of	countries in order to
devel	op the econom	y.		
1) fos	ster	2) overcome	3) vanish	4) bewilder
24- Hav	ing a good die	t and a regular fitness p	orogram yo	ur health.
1) wi	thdraws	2) pursues	3) ensures	4) presents
25- Life	is full of chall	enges. You need to be b	rave enough to	them.
1) per	rvert	2) explode	3) absorb	4) confront
Section	Two: Structu	re Part One		
Read th	e following so	entences. In each sente	nce, choose the numb	er of the underlined
word	or group of w	ords that is NOT corre	ct.	
26- My	flight departs	$\frac{\text{in}}{2}$ 5:00 am, so I should	prepare my stuff from	now.
27- Inte	rcultural com	munication <u>defined</u> as s	ituated communication	<u>between</u> individuals
or gr	oups of differe	ent <u>linguistic</u> and cultur	al <u>origins</u> .	
28- <u>Som</u>	<u>ie</u> textbooks <u>c</u>	ontain quite a few tasl	k-like activities, but <u>ve</u>	ery few use the word
	to describe $\underline{it}_4$			
29- He <u>c</u>	ean to play che	ess, <u>although</u> he's not <u>pa</u>	articularly good at it.	
		I think you would be $\frac{\mathbf{would}}{2}$		
natur	e stays the sar	ne.		
31- I <u>use</u>	e to smoke ciga	$\frac{\text{ars}}{3}$ , but $\frac{\text{after}}{3}$ my heart a	attack I <u>quitted</u> it.	
32- You	had better do	$\frac{\mathbf{n't}}{2}$ live here, because $\frac{\mathbf{it}}{3}$	is so <u>crowded</u> .	
33- I <u>ha</u>	$\underline{\mathbf{d}}$ better $\underline{\mathbf{to}}_{2}$ cho	eck the engine before go	$\frac{\text{oing}}{3}$ to Shiraz, because	it is a long trip $\frac{\text{from}}{4}$
here.				
34- By	arranged the	elements $\frac{in}{2}$ this way,	$\frac{\text{those}}{3}$ with similar pro	operties <u>are grouped</u>
toget	her.			

- 35- Electricity is not just something you buy in a battery. It is one of the basic ingredient of the universe.
- 36- This mean that liquid particles are farther apart and can move around more easily.
- 37- He says <u>improved</u> seeds can help <u>small</u> farmers increase <u>its</u> production <u>by</u> six times.
- 38- This program provides students with the opportunity to serve their community and do a difference in socially responsible ways.
- 39- A largest recorded earthquake, with a magnitude of 8.9, occurred in Chile in 1960 in the midnight.
- 40- Huge cracks opened up as rocks were shattered in two massive earthquakes on  $\frac{1}{2}$  October 1980, which destroyed 80 percent of buildings in the town.
- 41- By definition, arteries carry blood away from a heart, while veins carry blood toward it.
- 42- A galaxy is a giant family of many millions of stars, and it is held together by its own field gravitational.
- 43- Once lesser powerful than larger computers, microcomputers are now as powerful as the mini-and super-minicomputers of just several years ago.
- 44- She was in her early <u>twenties</u> when she <u>retires</u> from tournament tennis due to  $\frac{\mathbf{a}}{3}$  series of injuries  $\frac{\mathbf{to}}{4}$  her elbow and neck.
- 45- It was found that the plane was flying  $\frac{at}{2}$  speeds in  $\frac{excessive}{3}$  of 500 miles per hour-faster than military regulations allow.
- 46- These are known <u>as</u> mass extinction events and are <u>defined</u> as the disappearance of at least 50 percent of the <u>species</u> on the planet as <u>recording</u> by the fossil record.
- 47- Experts agree it is an effective way to real challenge your core muscles and increase the calorie burn.

- 48- Leaves are the <u>sites</u> where plants, <u>using</u> the process of photosynthesis, <u>turns</u> carbon dioxide, water, and the energy of sunlight <u>into</u> carbohydrates.
- 49- As one the writers most closely associated with the American Renaissance, Herman Melville published works that provide insight into American culture.
- 50- <u>In studying American folklife</u>, scholars consider a <u>wide</u> range of topics, <u>pursued</u> through various <u>form</u> of evidence.
- 51- The <u>computation</u> power of microprocessors can be <u>roughly</u> characterized <u>with</u> their word size and computational rate.
- 52- This map of Western Europe shows area of low pressure, over the UK, which is surrounded by several high-pressure areas.
- 53- These projects are <u>but small</u> sample <u>of the</u> rich <u>variety of</u> science that can be performed <u>with</u> radio telescopes.
- 54- His <u>creative</u> endeavors <u>have spanned</u> over half a century <u>since</u> the <u>publish</u> of his first book of poetry.
- 55- By looking at fossil footprints, paleontologists can figure up/3 how dinosaurs moved and even how quickly they ran.

# Section Two: Structure Part Two

In each of the following sets of sentences, three sentences are grammatically correct and one sentence is not grammatical. Identify the <u>incorrect</u> sentence and mark your answer sheet.

56-

- 1) Very less of the natural elements are found on their own.
- 2) Some animals have only one partner throughout their lives.
- 3) Stem cells are body cells from which all other types of cells form.
- 4) On entering the stomach, food is mixed with gastric juices.

57-

- 1) My parents have been planning for this visit for months.
- 2) No one knows how Connor ending up in the backyard.
- 3) It is about time we see a female president in this country.
- 4) Don't argue. That just draws you into the cycle of negativity.

58-

- 1) Some architects design their buildings from the outside in.
- 2) While one life form is evolving, so others are around it.
- 3) He held the blazing matches to a piece of wood.
- 4) It is valued for its glassy smooth and transparency.

59-

- 1) The hunger got worse with each passing day.
- 2) They sat together by their own open-air fire.
- 3) Heard about the woman gave me an idea.
- 4) Uncle Billy was just no good, and he had to go.

60-

- 1) As the saying has it, 'Forecasting is difficult'.
- 2) Gilman was a friend of Jane Addams.
- 3) The fear of death came over the man.
- 4) The others two women went along with the idea.

61-

- 1) It ran straight out of the entrance at high speed.
- 2) She kept moving until she came to a stream.
- 3) A habitat is a place that plants and animals lives.
- 4) It was shaping up to be the perfect weekend.

62-

- 1) There was a lot of uncertainty on how to act around each other.
- 2) The ship was just above the line divided night and day.
- 3) The surface of Mercury is very indistinct as seen from Earth.
- 4) We humans like to eat certain plants and animals.

63-

- 1) It felt strange to run and not feeling his feet when they hit the ground.
- 2) Arguments must be confined to the evidence that has been presented.
- 3) Of the 45,000 deaf-blind people in the US, 11,000 are children.
- 4) It was large enough for me to use one of the rooms as my laboratory.

64-

- 1) A carbon compound called an ester gives an apple its distinctive smell.
- 2) Bicycles provide numerous benefit by comparison with motor vehicles.
- 3) I remember the crowd listening intently and hundreds of heads nodding.
- 4) There are major challenges facing any scientist working at the community level.

65-

- 1) The world's first synthetic fabric, nylon, was developed in 1938.
- 2) The first two parts are fairly obvious, but the third is less so.
- 3) These are things written by people who lived in ancient history.
- 4) Writing are one of the greatest inventions of the species human.

### Section Three: Reading Comprehension

Directions: Read the passages and choose the one best answer, (1), (2), (3) or (4), for each question.

### Passage 1

The oldest known person on record is a French woman, Jeanne Calment. She seemed to disprove the idea that healthy living was the key to her long life. Despite smoking for 100 years, she lived to the age of 122. She believed her long life was due to her diet.

The average life expectancy for all people in the world today is 63 years. This figure varies widely from country to country. Japan has the world's highest life expectancy; 85 for women and 78 for men. More than 20,000 of its population have celebrated their 100th birthday. Researchers believe part of the reason for this lies in the healthy Japanese diet and their good health care system.

People who live in developed countries generally live longer than those who live in poorer parts of the world. Factors like war, disease, quality of diet, and access to health care all affect life expectancy. When a country's health care and education improve, life expectancy goes up.

Another important factor is gender. Women, on average, live longer than men. Over 80 percent of people who live beyond the age of 100 are women. The reasons for this are not fully understood.

Some scientists believe that women are born with genes that help them live longer than men. Others argue that men often lead more risky lifestyles that put them at greater chance of dying than women. They have more dangerous jobs. Also, men generally drive more, and also smoke more than women. Men are even killed more often than women.

Another area that researchers have looked at is marital status. They have not found a clear difference in life expectancy between married women and single women. However, one British study found that married men appeared to live longer, on average, than single men. This may be because married men tend to have a healthier lifestyle than single men. They eat more healthily, and, on average, take fewer risks.

### 66- What is the best title for this passage?

- 1) A Healthy Lifestyle
- 2) The Secret to a Long Life
- 3) Average Expectation of Life
- 4) The Oldest Person ever lived in the World

### 67- The writer's purpose in the first paragraph is to ......

- 1) emphasize the importance of good living
- 2) tell people what to do to live beyond the age of 100
- 3) clear up the role of diet in living long
- 4) advise the reader to eat a lot

# 68- According to the passage, men ......

- 1) take fewer risks 2) tend to live longer
- 3) have a less healthy lifestyle
- 4) are more prone to serious diseases

# 69- It can be understood from the passage that ......

- 1) marriage makes a big difference to life expectancy for men
- 2) factors that affect life expectancy are environmental factors
- 3) researchers are certain what the reasons for Japan's high life expectancy are
- 4) Japan's health care system provided a model that other developed countries followed

# 70- The fact that men are killed more often than women is stated to show ......

- 1) men live longer than women
- 2) women live longer than men
- 3) women are born with genes that help them live longer
- 4) men have less risky lifestyles

#### Passage 2

One winter Pauline discovered she was pregnant. When she told Tom, he surprised her by being pleased. They eased back into a relationship more like the early days of their marriage, when he asked if she were tired or wanted him to bring her something from the store. In this state of ease, Pauline stopped doing day work and returned to her own housekeeping. However, the loneliness in those two rooms had not gone away. When the winter sun hit the peeling green paint of the kitchen chairs, when the smoked fish were boiling in the pot, when all she could hear was the truck delivering furniture downstairs, she thought about back home, about how she had been all alone most of the time then too, but this lonesomeness was different.

Then she stopped watching the green chairs, at the delivery truck. She went to the movies instead. There in the dark, her memory was refreshed, and she remembered her earlier dreams. Along with the idea of romantic love, she was introduced to another-physical beauty.

#### 71- Pauline and Tom lived ......

- 1) in a two-bedroom apartment above a store
- 2) in a delivery truck
- 3) in a theater
- 4) with Pauline's family

# 72- Lines 1-5 suggest that just before Pauline's pregnancy, Tom had ......

- 1) loved Pauline dearly
- 2) begun to neglect Pauline
- 3) worked every day of the week

# 

- 1) she doesn't feel lonely
- 2) she wants Tom to find a new job
- 3) she was going to be a mother
- 4) she shouldn't feel lonely with Tom

# 

- 1) inspire Pauline to become an actress
- 2) motivate Pauline to do day work
- 3) help Pauline refresh her memory
- 4) encourage Pauline to study history

### Passage 3

Hydrogeology is a science dealing with the properties, distribution, and circulation of water on the surface of the land, in the soil and underlying rocks, and in the atmosphere. The hydrologic cycle, a major topic in this science, is the complete cycle of phenomena through which water passes, beginning as atmospheric water vapor, passing into liquid and solid form as precipitation, thence along and into the ground surface, and finally again returning to the form of atmospheric water vapor by means of evaporation and transpiration.

The term "geohydrology" is sometimes erroneously used as a synonym for "hydrogeology." Geohydrology is concerned with underground water. There are many formations that contain water but are not part of the hydrologic cycle because of geologic changes that have isolated them underground. These systems are properly termed geohydrologic but not hydrogeologic. Only when a system possesses natural or artificial boundaries that associate the water within it with the hydrologic cycle may the entire system properly be termed hydrogeologic.

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- 1) present a hypothesis
- 2) refute an argument
- 3) correct a misunderstanding
- 4) predict an occurrence W. Ghadam Yar. In

# 76- Which of the following is most likely to be the subject of study by a geohydrologist?

- 1) Rocks being worn away by water
- 2) Minerals on the banks of a river
- 3) The trapping of water in an underground cave
- 4) Water pollution

# 77- Which of the following can be the best title for this passage?

- 1) What is hydrogeology?
- 2) How to preserve underground water
- 3) Hydrologic cycle
- 4) Geohydrology versus hydrogeology

### 

- 1) geohydrology and hydrogeology are synonyms
- 2) all formations that contain water are part of the hydrologic cycle
- 3) only when a system associates the water within it with the hydrologic cycle may be termed as hydrogeologic
- 4) the circulation of water on the surface of the land is a major component of hydrogeologic cycle

### Passage 4

If you have ever made a list of pros and cons to help you make a decision, you have used the utilitarian method of moral reasoning. One of the main ethical theories, utilitarianism posits that the key to deciding what makes an act morally right or wrong is its consequences. Whether our intentions are good or bad is irrelevant; what matters is whether the *result* of our actions is good or bad. To utilitarians, happiness is the ultimate goal of human beings and the highest moral good. Thus, if there is great unhappiness because of an act, then that action can be said to be morally wrong. If, on the other hand, there is great happiness because of an action, then that act can be said to be morally right.

Utilitarians believe that we should carefully weigh the potential consequences of an action before we take it. Will the act lead to things that will make us, or others, happy? Will it make us, or others, unhappy? According to utilitarians, we should choose to do that which creates the greatest amount of good (happiness) for the greatest number of people. This can be difficult to determine, though, because sometimes an act can create short-term happiness but misery in the long term. Another problematic aspect of utilitarianism is that it deems it acceptable-indeed, even necessary-to use another person as a means to an end and sacrifice the happiness of one or a few for the happiness of many.

# 

- 1) show that there are both positive and negative aspects of utilitarianism
- 2) suggest that making a list of pros and cons is not necessary
- 3) emphasize that utilitarian people make a lot of decisions
- 4) show the readers that they all probably follow the principles of utilitarian reasoning

3)
80- According to the definition of utilitarianism, stealing bread to feed hungry children
would be morally
1) unacceptable because it has good intentions
2) wrong because it violates another's rights
3) right because it has positive consequences
4) wrong because stealing is illegal
81- According to the utilitarian principles described in the passage, we should
1) do what will only bring us the most happiness
2) always think of the society first
3) make our intentions clear to others
4) do what will make the majority more happy
82- The author's purpose is to show that
1) using a utilitarian approach to make a moral decision is not always easy
2) sacrifice is not necessary in life
3) long-term consequences are not more important than short-term consequences
4) a pro/con list is the least effective technique for making an important decision
83- According to the passage, Robert Wiseman
1) claims negative people can never feel lucky
2) studied the behavior of lucky and unlucky people
3) found that most people are unaware of how lucky they are
4) believes there is no way to change people's attitudes toward luck
84- According to the passage, all of the following are characteristics of lucky people
EXCEPT that they
1) look on the bright side
2) trust their gut feelings
3) try not to miss opportunities
4) do yoga to lose their sense of reality
85- It can be understood from the passage that the writer is likely to
1) consider himself a lucky person
2) believe people can create their own luck
3) doubt that we can have control over factors affecting our luck

4) believe there's always the same amount of good luck and bad luck in the world

### Section Four: Cloze Passage

Read the following passage and fill in the blanks with the most appropriate choice.

Pain is an unpleasant feeling that warns us of damage to our bodies. Nerve endings in the skin and ...(86)... parts of the body carry the pain message ...(87)... the spinal cord and into the ...(88)... Our skin ...(89)... most sensitive to pain. We can ...(90)... tell where the pain is if it is ...(91)... the surface of our body, but sometimes ...(92)... we feel internal pain it is in a ...(93)... part of our body where the problem is. This is called referred pain.

Pain can be eased ...(94)... several ways. You can take away ...(95)... is causing the pain, such as glass in ...(96)... foot. You can soothe the nerves that ...(97)... pain messages ...(98)... relaxation, warmth, medicines, or massage. Alternatively, you can dull parts ...(99)... the brain that ...(100)... the pain messages with medicines.

86-1) other	2) another	3) the other	4) others
87-1) in	2) on	3) to	4) over
88- 1) brain	2) muscles	3) heart	4) feet
89-1) was	2) were	3) are	4) is
<b>90-</b> 1) easy	2) easiness	3) easily	4) ease
91-1) in	2) on	3) over	4) below
92-1) when	2) how	3) who	4) which
93-1) differently	2) different	3) difference	4) differ
94- 1) on	2) in	3) from	4) for
95-1) whatever	2) which	3) however	4) who
<b>96</b> - 1) you	2) our	3) yours	4) your
97-1) move	2) carry	3) help	4) call
<b>98-</b> 1) by	2) through	3) toward	4) along
99-1) over	2) of	3) on	4) under
<b>100-</b> 1) receives	2) arrives	3) meets	4) gives

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٣	۹٠	۴	70	۲.	٤٠	١	10
۲	41	*	าา	۲	٤١	٣	17
١	97	٣	٦٧	۴	٤٢	۲	14
۲	٩٣	٣	u	١	٤٣	١	14
۲	98	١	79	۲	٤٤	۲	19
١	90	۲	٧.	٣	٤٥	۲	۲.
۴	97	1	٧١	۴	٤٦	١	71
۲	94	۲	٧٢	۲	٤٧	٣	77
١	٩٨	٣	٧٣	٣	٤٨	1	۲۳
۲	44	٣	٧٤	١	٤٩	٣	72
1	1	٣	Yo	۴	٥٠	۴	70

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