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## ویرایش نیتو مقالات با ارائه گواهی معتبر

مشاوره در تدوین مقالات انگلیسی و پایان نامه ها و اخذ پذیرش از مجلات و همایش ها

**MHLE, TOEFL, TOLIMO, IELTS, EPT, MCHE, MSRT**

کنکور کارشناسی، ارشد و دکتری (مبحث زبان)  
بسته های آموزشی متنوع با تخفیف های ویژه  
با ارائه مدرک معتبر از آکادمی شریف زاده

واتس اپ و تلگرام: ۰۹۳۳۲۸۵۰۲۹۷

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سوالات زبان عمومی (انگلیسی) کنکور دکتری ۹۷ - ۹۸ گروه علوم انسانی (بجز رشته زبان و ادبیات عرب)

سوالات زبان عمومی کنکور دکتری ۹۷ - ۹۸ گروه کشاورزی و منابع طبیعی

سوالات زبان عمومی کنکور دکتری ۹۷ - ۹۸ گروه هنر

سوالات زبان عمومی کنکور دکتری ۹۷ - ۹۸ گروه دامپزشکی

### زبان عمومی گروه علوم انسانی

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141	3
142	1
143	2
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148	3
149	1
150	4
151	2
152	3
153	1
154	2
155	4
156	1
157	1
158	3
159	2
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## PART A: Grammar

راهنمایی

این بخش مربوط به سوالات آزمون زبان انگلیسی - عمومی است.

Directions: Select the answer choice (1), (2), (3), or (4) that best completes the blank. Then mark the correct choice on your answer sheet.

131- One of the director's biggest jobs, ..... beyond acting, is that of creating a world for the characters to live in.

- 1) that also go
- 2) which also goes
- 3) who also goes
- 4) also by going

132- Each passage appears on its own page, beginning with the title, the genre or form of the passage, and the main comprehension skill .....

- 1) and the passage addresses
- 2) for which the passage addressed
- 3) addresses the passage
- 4) the passage addresses

133- Because of chronic financial problems, the Penniworthis were finally forced to sell their spacious brownstone overlooking the park ..... into a small apartment on the outskirts of the city.

- 1) they moved
- 2) and move
- 3) then moving
- 4) and moved

134- Modern-day psychologists have written about the childhood of eighteenth-century writer Jonathan Swift: ..... a posthumous child, but his mother was geographically distant from him in his early years.

- 1) although he not only was
- 2) he was not only
- 3) not only was he
- 4) not only being

135- ..... in her sitting room, Charlotte looked as if she were posing for Manet.

- 1) Lying in repose on the seat
- 2) To lie in repose on the seat
- 3) In repose on the seat by lying
- 4) While was lain in repose on the seat

136- The Western scientific view of the body is reductionist in that it sees the body as a machine that is made up of different components, .....

- 1) with each is played the function identifies
- 2) of which the identified function played

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- 3) each identified by the function it plays
- 4) which identifies each function plays

137- Since the deregulation of airlines, delays at the nation's increasingly busy airports .....

- 1) would have increased with 25 of percentage
- 2) were increasing as much as by 25 percent
- 3) increased by the percentage of 25
- 4) have increased by 25 percent

138- This close connection between Polish Romanticism and Polish history became one of the defining qualities of the literature of Polish Romanticism period, differentiating it from ..... other countries.

- 1) those from
- 2) that of
- 3) that in the one from
- 4) those there are in

### **PART B: Vocabulary**

Directions: Select the answer choice (1), (2), (3), or (4) that best completes the blank. Then mark the correct choice on your answer sheet.

139. Though little is yet agreed in Paris as the UN climate talks enter their final days, nobody seems to doubt a deal will be .....

- 1) blown
- 2) shaken
- 3) sworn
- 4) struck

140- The coming of the machine age, which placed less of ..... on physical strength, might well have been expected to ease the subjection of women.

- 1) an endeavor
- 2) a distinction
- 3) a premium
- 4) an aggression

141- When dinosaurs lived, this region was hot and humid, so there would have been no need for them to ....., as some animals do in wintertime.

- 1) emerge
- 2) sprout
- 3) hibernate
- 4) evaporate

142- The manager considered the support of his staff ..... for the success of his project; he knew that without their cooperation he alone could not even think of it.

- 1) indispensable
- 2) concurrent
- 3) redundant

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4) spontaneous

143- The actor was known for giving very ..... answers to interviewers, so everyone was surprised when he spoke to the journalist at length about his early life and his influences.

- 1) covert
- 2) laconic
- 3) reliable
- 4) compatible

144- Sophie did quite poorly on her first two math tests, but on ..... exams she averaged between 90 and 100%.

- 1) subsequent
- 2) pragmatic
- 3) hypothetical
- 4) minimal

145- After a comprehensive investigation, the fact-finding committee announced that the accident was caused by a ..... in the landing gear of the airplane.

- 1) propulsion
- 2) density
- 3) defect
- 4) headway

146- The newly designed national plan sounded perfect in theory, but the authorities did not proceed to implement it because it was not economically .....

- 1) frugal
- 2) inflationary
- 3) eternal
- 4) viable

147- While the members of the president's cabinet wanted him to take a belligerent stance against a neighboring country, the president sought a peaceful .....

- 1) continuum
- 2) compromise
- 3) stimulation
- 4) impression

148- During a violent revolt in 1989, the Romanian people did whatever they could to ..... the government that was no longer sensitive to their needs.

- 1) inflict
- 2) impose
- 3) overthrow
- 4) diminish

149- Tom Bradley once observed that the only thing that will stop you from ..... your dreams is you.

- 1) fulfilling
- 2) foretelling

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- 3) persevering
- 4) speculating

150- ..... and greed are said to always attract bad karma. You may benefit in the short term, but you will end up paying later.

- 1) Autonomy
- 2) Longevity
- 3) Reaction
- 4) Malice

### **PART C: Reading Comprehension**

Directions: Read the following two passages and select the choice (1), (2), (3), or (4) that best answers each question. Then mark the correct choice on your answer sheet.

#### **Passage 1:**

Since antiquity, human beings have imagined life spread far and wide in the universe. Only recently has science caught up, as we have come to understand the nature of life on Earth and the possibility that life exists elsewhere. Recent discoveries of planets orbiting other stars and of possible fossil evidence in Martian meteorites have gained considerable public acclaim. And the scientific case for life elsewhere has grown stronger during the past decade. There is now a sense that we are verging on the discovery of life on other planets.

To search for life in our solar system, we need to start at home. Because Earth is our only example of a planet endowed with life, we can use it to understand the conditions needed to spawn life elsewhere. As we define these conditions, though, we need to consider whether they are specific to life on Earth or general enough to apply anywhere.

Our geologic record tells us that life on Earth started shortly after life's existence became possible -- only after protoplanets (small, planet-like objects) stopped bombarding our planet near the end of its formation. The last "Earth-sterilizing" giant impact probably occurred between 4.4 and 4.0 billion years ago. Fossil microscopic cells and carbon isotopic evidence suggest that life had grown widespread some 3.5 billion years ago and may have existed before 3.85 billion years ago.

Once it became safe for life to exist, no more than half a billion years -- and perhaps as little as 100 million to 200 million years -- passed before life rooted itself firmly on Earth.

This short time span indicates that life's origin followed a relatively straightforward process, the natural consequence of chemical reactions in a geologically active environment. Equally important, this observation tells us that life may originate along similar lines in any place with chemical and environmental conditions akin to those of Earth.

151- What is the main purpose of the passage?

- 1) To highlight that human imagination preceded scientific inquiry into life forms on other planets
- 2) To form a base for our search for life forms elsewhere in the solar system
- 3) To chronicle the evolution of organisms on the planet Earth
- 4) To describe life forms that appeared on Earth

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152- Which of the following best describes the general reception of the discoveries mentioned in Paragraph 1?

- 1) Disbelieving
- 2) Cautious
- 3) Enthusiastic
- 4) Skeptical

153- Which of the following statements is supported by the passage?

- 1) Conditions on Earth conducive to life formation may not necessarily be similar to those we may find elsewhere in the solar system where life is likely to be present.
- 2) The fact that more than half a billion years had to elapse before life appeared on Earth indicates that the first life forms must have been much more complicated than we once imagined.
- 3) The evidence obtained from the analysis of fossil evidence in Martian meteorites categorically proves that life on Earth has a Martian origin.
- 4) We are about to discover locations in parts of outer space where conditions are similar to the conditions on Earth.

154- It can be concluded from the passage that it was impossible for life to originate on Earth

.....

- 1) when planet-like objects stopped impacting it
- 2) some time before 4.4 and 4.0 billion years ago
- 3) about half a billion years after the last giant impact
- 4) when chemical reactions began to become abundant

155- The word "those" in Paragraph 4 refers to .....

- 1) life forms
- 2) lines
- 3) chemical reactions
- 4) conditions

### **Passage 2:**

Ants number approximately ten thousand trillion worldwide. Each individual ant scarcely weighs anything, but put together they weigh roughly the same as all of mankind. They are also ubiquitous, thriving everywhere except on icy mountain peaks and around the Poles. No one knows precisely how many species there are, but it is estimated at over 20,000. For an animal of its size, ants have been incredibly successful and this success owes much to the highly sophisticated social behavior they exhibit.

In colonies that range in size from a few hundred to tens of millions, they organize their roles with a clear division of labor: a queen or queens whose job it is to reproduce; some fertile males who die shortly after mating with the queen; and the rest are sterile females who make up the main population of workers and soldiers, toiling away in a determined fashion. In some species, the bodies of these sterile females are adapted to the different jobs they have within the nest: building and expanding the nest, foraging for food, defending against predators and so on.

How they achieve this level of organization and synchronization is even more amazing. Where we use sound and sight to communicate, ants depend primarily on pheromones, chemicals

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emitted by individuals and smelled or tasted by nestmates. A given species produces just ten to twenty signals, which unlike human language are entirely instinctive messages. A pheromone trail left by a foraging ant will lead others straight to where the food is. When an individual ant comes under attack or is dying, it sends out an alarm pheromone to alert the colony to mobilize as a defense unit.

In fact, when it comes to the art of war, ants are unsurpassed. They are completely fearless and will readily take on prey much larger than themselves, attacking in deadly swarms and overwhelming their target. Such is their dedication to the common good of the colony that workers will also sacrifice their own lives to help others defeat the enemy.

Behaving in this altruistic and dedicated manner, these little creatures have flourished on Earth for more than 140 million years, long outlasting dinosaurs. Because they think as one, they have a collective intelligence greater than the sum of its individual parts; something you could hardly say of most species.

156- Which of the following is the best title for the passage?

- 1) Ants: Civilized Insects
- 2) Why Ants are Omnipresent
- 3) Ants' Evolution over Time
- 4) Great Thinkers in the Animal Kingdom

157- It can be inferred from the passage that ants .....

- 1) cannot manage to survive in regions with cold climates
- 2) acquire their system of communication gradually based on their needs
- 3) show sort of linguistic behavior that is as complicated as that of humans
- 4) never lose a fight to other animal species that may dare to attack their colonies

158- The passage provides sufficient information to answer which of the following questions?

- 1) What evidence is available to prove that human language is acquired?
- 2) Why do we not exactly know how many ant species exist?
- 3) How do ants organize and synchronize their activities?
- 4) When did dinosaurs go extinct?

159- Based on the passage, NONE of the following statements is true about pheromones EXCEPT that they .....

- 1) may be produced when there is no obvious stimulus to trigger their production
- 2) are instinctive messages and limited in number
- 3) each works like a sound in human language
- 4) are universal among different ant species

160- Which of the following best describes the tone of the passage?

- 1) Critical and demanding
- 2) Euphoric but confused
- 3) Scholarly and concerned
- 4) Neutral and objective

**This is the end of Section 5.**

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سوالات زبان عمومی کنکور دکتری ۹۷ - ۹۸ گروه فنی و مهندسی

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134	2
135	2
136	3
137	1
138	2
139	4
140	1
141	3
142	2
143	2
144	4
145	3
146	1
147	4
148	2
149	1
150	3
151	3
152	4
153	1
154	3
155	2
156	4
157	4
158	2
159	3
160	1

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بخش پنجم

راهنمایی

این بخش مربوط به سوالات آزمون زبان انگلیسی - عمومی است.

### PART A: Grammar

Directions: Select the answer choice (1), (2), (3), or (4) that best completes the blank. Then mark the correct choice on your answer sheet.

131. The interweaving of so many different parts of physics ..... the tight logical structure of the laws of nature.

- 1) illustrates
- 2) illustrating
- 3) they illustrate
- 4) are illustrated by

132- According to noted neurologist Antonio R. Damasio, joy or sorrow can emerge ..... physical changes in the body.

- 1) only after does the brain register
- 2) to register the brain after only
- 3) only after the brain registers
- 4) to register only after the brain

133. The traffic light turns red, you stop, and an old lady steps into the crosswalk from the left. All of a sudden you are overcome with a feeling that you have been here before -- in the same car, at the same crosswalk, .....

- 1) the same woman to step off the curb in the same way
- 2) in the same way the same woman for stepping off the curb
- 3) with the same way and the same woman to step off the curb
- 4) with the same woman stepping off the curb in the same way

134- Humans like to categorize, Hyde explains, and once we devise categories we immediately start judging .....

- 1) one better than as another is
- 2) one as better than another
- 3) them of being better than others
- 4) one better than the other as that is

135- Pity Dorothy, The Wizard of Oz heroine, ran into her home in the face of an approaching "cyclone" after ..... out of the storm cellar.

- 1) her locking
- 2) being locked
- 3) having locked
- 4) locking

136- Catarrhine primates, the group that includes the Old World monkeys are all able to tactically dupe members of their own species. The deceptiveness is not built into their

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appearance, as with the mirror orchid, ..... in rigid behavioral routines like those of the hog-nosed snake.

- 1) it is neither encapsulated
- 2) it is not encapsulated either
- 3) nor is it encapsulated
- 4) and so is not encapsulated

137- Insurance companies have been reporting an increase ..... the instructions of their sat-navs.

- 1) in accidents caused by drivers obediently following
- 2) drivers cause in the accidents after following obediently
- 3) of accidents do drivers cause when they obediently follow
- 4) which drivers are caused in accidents by obediently following

138- When the next earthquake strikes the impressive but crowded city of Istanbul ....., the consequences are likely to be incredibly terrible.

- 1) whose population is over ten millions
- 2) with its population of over ten million
- 3) of an over ten millions population
- 4) in its population over ten million

### PART B: Vocabulary

Directions: Select the answer choice (1), (2), (3), or (4) that best completes the blank. Then mark the correct choice on your answer sheet.

139. The link between ivory and violence adds even more ..... to the need to quash this deadly trade.

- 1) dispute
- 2) speculation
- 3) ingenuity
- 4) urgency

140- Astronomers have been able to examine much of the universe's history by training their telescopes on distant galaxies and quasars that ..... their light billions of years ago.

- 1) emitted
- 2) disguised
- 3) replicated
- 4) impeded

141- When J. Langdon Down first described savant syndrome in 1887, coining its name **and** noting its association with ..... powers of memory, he cited a patient who could recite Edward Gibbon's The Decline and Fall of the Roman Empire verbatim.

- 1) implicit
- 2) hasty
- 3) astounding
- 4) innovative

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142- Because anemia can be treated with blood transfusions, some historians state that in the dark ages people with porphyria might have tried drinking blood as a folk .....

- 1) misnomer
- 2) remedy
- 3) persistence
- 4) prejudice

143- The toxins will cause the white blood cells to ..... to the point they are no longer able to fight germs.

- 1) demote
- 2) degenerate
- 3) evolve
- 4) soar

144- The history of the kingdom of Naples is ..... interwoven with that of Sicily, with which for long periods it was united as the kingdom of the Two Sicilies.

- 1) loyally
- 2) zealously
- 3) inflexibly
- 4) inextricably

145- When a big company takes over a little company, the smaller company loses its separate identity and is ..... the bigger one.

- 1) attributed to
- 2) challenged by
- 3) assimilated into
- 4) detracted from

146- To be better able to do his call presentation, the history student ..... the information he found in the encyclopedia with interviews of people who had fought in the war.

- 1) augmented
- 2) gathered
- 3) exploited
- 4) concurred

147- For most of us, there is an obvious discrepancy between the current self and the ideal future self. Self-discrepancy theory states that people will be motivated to reduce this discrepancy so that their current self begins to ..... their vision of their ideal self.

- 1) contradict
- 2) overcome
- 3) disillusion
- 4) approach

148- Wayan Suta Negara was born on the slope of the sacred volcano but was forced to leave his home recently when fears of an eruption led to a mass .....

- 1) genocide
- 2) evacuation

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- 3) expediency
- 4) anomaly

149. Pterosaurs terrorized the skies for more than 160 million years until they went extinct alongside the dinosaurs some 66 million years ago. They are the largest animals to have ever flown, with some like the ..... Quetzalcoatlus having wingspans as large as fighter jets.

- 1) colossal
- 2) primary
- 3) influential
- 4) coincidental

150- While the brain, a physical entity, is ..... scientific investigation, the mind -- an abstract, elusive quarry -- is far less so, and questions about its architecture have occupied philosophers at intervals since classical antiquity.

- 1) resistant to
- 2) hazardous for
- 3) amenable to
- 4) consistent with

### **PART C: Reading Comprehension**

Directions: Read the following two passages and select the choice (1), (2), (3), or (4) that best answers each question. Then mark the correct choice on your answer sheet.

#### **Passage 1:**

The new study, published on Tuesday in the journal PLOS Computational Biology, looked at city dwellers all living in the same time zone in southern Europe. In previous work with the same data, the researchers estimated how often users called one another. Eventually, the scientists began to wonder whether there were patterns in the timing of calls. As it turned out, there were clear peaks and dips in phone calls throughout the day. One peak in outgoing calls was always at midday, while another was in the evening. In one city the group studied, for example, the early peak was centered around noon, while another occurred at 9 p.m. The lowest likelihood of calls going out was at around 4 p.m. and 4 a.m.

Over the course of the year, however, there was a noticeable shift. The last call times crept later during a stretch of three or four months, even as the earliest call times grew earlier. The peak calling periods moved as well, with the morning peak moving earlier and the evening peak moving later. Then, the process reversed direction. By the end of the year, the pattern somehow comes back to the same point where it was one year ago. The timing of this shift wasn't random: It moved in tandem with the lengthening of days during summer and shorter days of winter.

Other factors might affect the times that people make phone calls, including school and work schedules. To factor out these social influences, the researchers ordered cities according to how far west they were in the time zone. They then looked to see whether a city with a slightly earlier sunrise and sunset saw a corresponding shift in its calling pattern, compared to a city with a later diurnal cycle. Indeed, the timing of the last calls and the first calls closely tracked the movement of the sun. In one group of five cities, there was about a 40-minute difference

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between the easternmost city and the westernmost one, even though schools got out at the same time and other factors were the same.

151- What is the main point made by the passage about the timing of calls?

- 1) It does not follow a similar pattern worldwide.
- 2) It tends to be longer when people are not working.
- 3) It follows a pattern dependent on the length of daytime during the year.
- 4) It seems to be random in all seasons during the year with more stability in summer time.

152- The word "another" in Paragraph 1 refers to .....

- 1) city
- 2) call
- 3) group
- 4) peak

153- The findings of the research endeavor described in the passage support which of the following statements?

- 1) The timing pattern of calls made by people in the same time zone follows a predictable trend.
- 2) Phone call peaks and dips do constantly undergo changes in cities in the same season based on how busy the callers are.
- 3) Reasons for change in people's phone call habits are different in different time zones.
- 4) The duration of phone calls made by individual people is not fixed all through a year.

154- Which of the following best describes the function of Paragraph 3 in relation to the first two paragraphs?

- 1) It refers to some other research studies already done in cities with different time zones to see if the findings of the study reported in the first two paragraphs are valid enough.
- 2) It reports the attempt made by some new scholars to duplicate the study described in the first two paragraphs to see if the findings thereof are confirmed.
- 3) It describes a follow-up study to investigate the role of some possible intervening variables in determining the timing of the calls.
- 4) It provides evidence which is intended to qualify the claim made in the first two paragraphs.

155- Which of the following best describes the author's attitude towards the subject of the passage?

- 1) Indifference
- 2) Impartiality
- 3) Amusement
- 4) Skepticism

## **Passage 2:**

Get ready to nuke your packed lunch anywhere: a second microwave cooking revolution is around the corner. As well as portable ovens you can stick in a backpack, advances in electronics will enable appliances that detect when their contents are thawed or about to boil over, and smart ovens which cook multiple items at different rates simultaneously.

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Conventional microwave ovens use a cavity magnetron, a vacuum tube developed for radar during the Second World War. Magnetrons are heavy and not efficient at generating microwaves. They may also create hotspots during cooking, a problem that rotating the oven's contents on a turntable does not totally solve.

Laterally diffused metal oxide semiconductor (LDMOS) microwave sources promise to change that. Similar to those used in cellphone towers and microwave communication systems, they are now being worked on by firms such as NXP, based in Eindhoven, the Netherlands. "The underlying technology has been here a long time. We're making changes to make it more specific and suited for consumer cooking appliances," says NXP's Paul Hart.

The compactness and high efficiency of the source makes portable microwave cookers possible, such as the 1.5-kilogram Adventurer from Wayv, a company based in Hertford, UK. The size of a large thermos flask, it uses an NXP source that can heat up to half a liter of food or drink, in cycles of up to 5 minutes. The rechargeable lithium-ion battery is good for six cycles on a charge.

The Adventurer raised £150,000 in less than 19 hours on the crowdfunding site CrowdCube in 2014. It will be launched first in the US early next year, and will cost about \$200. Way envisages it being used by campers and hikers, as well as the military and first responders. Unlike with camp stoves, it produces no telltale smoke and carries no risk of carbon monoxide poisoning.

156- What does paragraph I mainly discuss?

- 1) New places that campers can hope to travel to thanks to a second microwave cooking revolution
- 2) Features of some new appliances that are intended to be included in new microwave ovens
- 3) The advantages of microwave cooking on camping trips
- 4) Properties of a novelty that is down the line

157- What does the word "that" in Paragraph 3 refer to?

- 1) Hotspot created during cooking
- 2) Conventional microwave oven size
- 3) Rotating the oven's contents on a turntable
- 4) Use of a cavity magnetron in microwave ovens

158. The statement quoted from Paul Hart in Paragraph 3 is intended to .....

- 1) contrast a new technology with an old one
- 2) supplement an earlier assertion
- 3) publicize a new concept
- 4) define a term

159- None of the following can be inferred about the appliance made by Ways EXCEPT that it .....

- 1) was made in collaboration with NXP
- 2) heats food contents faster than conventional ovens
- 3) is more suitable for campers to carry around with them
- 4) works on a battery that can be recharged as many as six times

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160- The passage provides sufficient information to answer which of the following questions?

I. Why does the Adventurer produce no telltale smoke?

II. Are magnetrons still used in the construction of radar?

III. Are conventional microwave ovens likely to cause carbon monoxide poisoning?

IV. What makes portable microwave cookers portable compared with conventional microwave ovens?

- 1) IV
- 2) I
- 3) II and III
- 4) I and IV

This is the end of Section 5.

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