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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**

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بسته های آموزشی متنوع با تخفیف های ویژه  
با ارائه مدرک معتبر از آکادمی شریف زاده

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**Directions:** Read the following two passages and select the choice (a), (b), (c), or (d) that best answers each question. Then mark your answer on your answer sheet.

#### Passage 1:

From bacteria to baleen whales, our planet is home to tens of millions of different life forms at least; biologists can only guess at the true number of species. The richness and variety of life is referred to as biological diversity, or just biodiversity. In recent years, the subject of biodiversity has been the focus of discussion not only in scientific circles but in the news media and the highest levels of government and international affairs. The reason for this attention, unfortunately, is that the earth's biodiversity is disappearing. Extinction is a natural event that has gone on since life first appeared on earth, but pollution, habitat destruction, overexploitation, and other human folly are now driving, species extinct at a rate unprecedented in the history of life. At the rate things are going, most kinds of living things will disappear forever from the face of the earth, many before we even know they are there.

When it comes to conservation, the emphasis of decision makers, conservation organizations, and the general public has traditionally been on organisms that we find beautiful or emotionally compelling. Bald eagles, whales, and redwood trees evoke strong positive reactions in most people; microscopic worms and bottom-dwelling fungi do not. Worms, fungi, and millions of other seemingly insignificant species are at least as vital to earth's survival -- and therefore to our own -- as are the larger organisms that we happen to find attractive. There is a growing recognition of the need to protect the earth's biodiversity, to reverse or at least slow the process of mass extinction. What is new about this recent attention is the focus on maintaining the total number of species, rather than on saving particular ones.

**141- According to the passage, the variety of life on Earth -----.**

- a) has attracted people's attention because it is in jeopardy
- b) has long been the concern of different people
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**142- Which one of the following statements about extinction is TRUE, according to the passage?**

- a) It is unlikely to affect mankind if it continues at the present rate.
- b) It began a long time after life flourished on the planet Earth.
- c) It used to occur more slowly than it does now.
- d) It is argued to be a recent phenomenon.

**143- It can be inferred from the passage that there are most probably living things -----**

- a) not contributing to Earth's biodiversity
- b) not yet known to us
- c) as conspicuous as trees whose problems of survival go unnoticed
- d) not sensitive to such factors as pollution, habitat destruction, overexploitation

**144- The author states that microscopic worms and bottom-dwelling fungi -----**

- a) are needed for the health and survival of the Earth

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- b) are viewed as attractive by most people but ignored because of being invisible
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**145- The tone of the passage could best be described as -----.**

- a) laudatory
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**Passage 2:**

One of the most basic assumptions about management is that systematic and careful analysis yields superior choices than those coming from intuitive processes. However this assumption has recently come under fire (Mintzberg, 1994). Mintzberg (1994), in his book *The Rise and Fall of Strategic Planning*, concludes that the term "strategic planning" is an oxymoron. He argues that strategy cannot be planned because planning is about analysis and strategy is about synthesis. That is why, he asserts, such a planning approach has failed so often and so dramatically. In a similar vein, Peters and Waterman (1982) viewed "the rational model" as a major reason for the problems United States firms encountered in competing with foreign companies in the 1970s and 1980s.

This is not to say that rational analysis is a futile exercise. Rational analysis is a useful and indispensable tool in strategy-making which even Mintzberg (1994), a strong critic of strategic rationality, concedes. Our stand is that a theory of strategic decision making has to take into account both rational and intuitive processes (Pondy, 1983; Simon, 1987). As Jonas Salk, the discoverer of polio vaccine, noted: "... if we combine our intuition and our reason, we can respond in an evolutionary sound way to our problems ..." (cited in Ray & Myers, 1990: 249). To date, scholars have emphasized rational decision making over intuitive decision making. One major reason for such a tendency is that, to many scholars, intuitive processes, perhaps, fall into the realm of irrational or paranormal. As a result, they believe that intuitive processes are beyond the scope of a scientific study. Recent advances in cognitive science and artificial intelligence, however, suggest that there is nothing mystical or magical about intuitive processes and that they are not paranormal or irrational.

**146- The word "those" in line 2 refers to -----.**

- a) systematic and careful analysis
- b) processes
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**147- The scholars referred to in paragraph 1 argue that -----.**

- a) the fact that the rational model did not turn out to be useful in the United States does not mean that it is futile altogether
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**148- Why does the author quote Jonas Salk in paragraph 2?**

- a) To support the point that rational analysis is not to be discarded altogether
- b) To demonstrate that the scientific approach is the same regardless of the discipline involved
- c) To stress the point that advances made in one field of study should be disregarded by those in other branches of science
- d) To substantiate the fact that those who utilize the rational model in their management style are not to be censured as severely as they have been

**149- According to the passage, those who object to the intuitive model of decision making believe that it is flawed in that -----.**

- a) intuition varies from person to person
- b) intuitive processes cannot be subjected to scientific analysis
- c) intuition-based decisions have most often turned out to be wrong
- d) the very existence of intuition has yet not been verified by cognitive science

**150- Which of the following rhetorical techniques has NOT been used in the development of the topic in the passage?**

- a) Appeal to authority
- b) Cause and effect
- c) Factual information
- d) Process time order

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**148- Why does the author quote Jonas Salk in paragraph 2?**

- e) To support the point that rational analysis is not to be discarded altogether
- f) To demonstrate that the scientific approach is the same regardless of the discipline involved
- g) To stress the point that advances made in one field of study should be disregarded by those in other branches of science
- h) To substantiate the fact that those who utilize the rational model in their management style are not to be censured as severely as they have been

**149- According to the passage, those who object to the intuitive model of decision making believe that it is flawed in that -----.**

- e) intuition varies from person to person
- f) intuitive processes cannot be subjected to scientific analysis
- g) intuition-based decisions have most often turned out to be wrong
- h) the very existence of intuition has yet not been verified by cognitive science

**150- Which of the following rhetorical techniques has NOT been used in the development of the topic in the passage?**

- e) Appeal to authority
- f) Cause and effect
- g) Factual information
- h) Process time order

**ویرایش نیتو مقالات با ارائه گواهی معتبر**

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### Part A. Grammar

**Directions:** Select the answer choice (a), (b), (c), or (d) that could best complete the blank in the following questions. Then mark your answer on your answer sheet.

76- In countless shacks and shanties across the country, she had tied the shoes of children, wiped their noses, hugged them -----, scrambled to find food for them, and fought for their rights.

- a) to be crying
- b) when they cried
- c) cried
- d) had cried

77- Superstitions were not the only Japanese things in my life. A lot more of me was Japanese -----, whether I liked it or not.

- a) to realize
- b) realized
- c) than I realized
- d) to be realized

78- Perhaps the most unusual office is the one ----- who, in 2007, decided to move closer to nature by creating an office in a tree.

- a) used by David Smith
- b) which used David Smith
- c) David Smith used
- d) is used by David Smith

79- ----- are rich in a wide variety of species is well known, something no one ever disputes.

- a) The Earth's some regions
- b) There are some regions of the Earth
- c) What are the regions of the Earth
- d) That some regions of the Earth

80- A team led by Mark Tuszynski injected brain-derived neurotrophic factor (BDNF) into the entorhinal cortex and the hippocampus, -----, and where Alzheimer's strikes first.

- a) in which the parts of the brain where memories are formed and consolidated
- b) they being the parts of the brain where memories are formed and consolidated
- c) to form and consolidate the parts of the brain where memories
- d) the parts of the brain where memories are formed and consolidated

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**81- I heard the car is the deadliest weapon created by humans and ----- exceeds the death toll from atomic weapons, guns or bombing. Is this true?**

- a) and the number of lives claimed
- b) claims that the number of lives
- c) that the number of lives it has claimed
- d) it has claimed the number of lives

**82- Many top athletes now find mental training indispensable -- and ----- for performing on race or game day but for getting the most out of daily workouts.**

- a) only
- b) not just
- c) both
- d) either

**83- Leonardo's unique labelling of the ventricles reflects the tremendous importance he accorded to the sense of vision, which he described as the window to the soul and the most important basis -----.**

- a) of all experience
- b) ever to experience
- c) on which experience
- d) on that is experiencing

#### Part B. Vocabulary

**Directions:** Select the answer choice (a), (b), (c), or (d) that could best complete the blank in the following questions. Then mark your answer on your answer sheet.

**84- If we analyze food consumption based on body size, we find that ants eat their full body weight everyday while a whale eats the ----- of only one-thousandth of its body weight each day.**

- a) absorption
- b) equivalent
- c) synonymy
- d) shortage

**85- A clown is a similar comic character of pantomime and circus, known by his distinctive makeup and costume, ----- antics, and buffoonery, whose purpose is to induce hearty laughter.**

- a) mercenary
- b) unconscious
- c) audacious
- d) ludicrous

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**86- Besides ----- about 40,000 homes, the worst natural disaster in memory destroyed countless businesses and jobs.**

- a) coinciding
- b) annihilating
- c) refurbishing
- d) precluding

**87- Jeff was so ----- in his views that it was impossible to have a rational debate with him.**

- a) boisterous
- b) substantial
- c) intransigent
- d) indulgent

**88- Since Kelly was so -----, we asked her to proofread our group's report.**

- a) meticulous
- b) frugal
- c) impulsive
- d) impetuous

**89- I was so happy when I got the acceptance letter from the University of Tehran that I sprinted home with great ----- to share the good news.**

- a) dexterity
- b) improvisation
- c) alacrity
- d) avarice

**90- Ted ----- any allegations of his involvement in the bank robbery that had just happened.**

- a) refuted
- b) suspended
- c) confessed
- d) deduced

**91- The fact that some fish ----- their offspring illustrates that these fish lack a nurturing instinct.**

- a) mitigate
- b) devour
- c) withdraw
- d) pursue

**92- Because the company was forced to recall the faulty product and stop distribution, it soon had ----- of useless inventory.**

- a) a recession
- b) a denial
- c) an abundance
- d) an aptitude

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**93- Walters cannot be sent to jail now; we still have no ----- proof that he was at the scene of the crime.**

- a) demonstrative
- b) conclusive
- c) redundant
- d) immaterial

**94- Lord Astor's racing horses possess speed but not -----; they consistently lead at the start of a race and fall behind at the end.**

- a) elation
- b) boldness
- c) proximity
- d) stamina

**95- The regulations ----- that everything has to comply with the relevant safety standards.**

- a) evoke
- b) contribute
- c) vow
- d) stipulate

### Part C. Reading Comprehension

**Directions:** Read the following two passages and select the choice (a), (b), (c), or (d) that best answers each question. Then mark your answer on your answer sheet.

#### Passage 1:

You can drop cigarettes. Avoid pollution. But there's one toxin you just can't dodge: oxygen. With every gulp of air, oxygen gives you life. Some of it, however, gets converted inside your cells into a radical molecule that can wreak havoc, degrading those same cells and others. A growing number of scientists say this damage is what causes aging. They also think they may one day be able to fend off oxygen's ill effects and help us live a lot longer.

Scientists have long known that oxygen is capricious. As molecules go, it gets around, reacting with all kinds of things. Mostly, that's good. Oxygen combines with fats and carbohydrates, in a part of cells known as the mitochondrion, to churn out the energy that gets you through the day. But the conversion isn't perfect. A small amount of oxygen is regenerated in a nasty form called a free radical, or oxidant -- the very critter that causes metal to rust. The oxidants careen about, binding to and disrupting the membranes, proteins, DNA and other cell structures that make your body work. Over time, this damage adds up, and the result just might be an older, frailer you.

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According to one estimate, oxidants bombard the DNA inside every one of our cells roughly 10,000 times a day. Thankfully, most of the assailants are intercepted by a small army of antioxidant chemicals. Proteins also patch up the damage caused by the radicals that do get through. "The house is always getting dirty, and we're always trying to clean it up," remarks John Carney, chief technical officer at Centaur Pharmaceuticals in Sunnyvale, Calif, which is developing drugs to fight various diseases of aging. But eventually, the theory goes, our tired cells get less efficient at repelling free radicals and mopping up oxidative messes, and the damage accumulates. We begin to rust from the inside out.

**96- What is the subject of the passage?**

- a) The role of one aging variable
- b) Ways to stop aging
- c) A misconception about aging
- d) The process of aging

**97- All of the following are FALSE about the scientists mentioned in paragraph 1 EXCEPT that they -----.**

- a) think there would come a day that a radical molecule would be discovered to offset oxygen's ill effects
- b) believe what is accelerating aging is the havoc wreaked on human cells by the impact of oxygen deficiency caused by smoking and pollution
- c) are optimistic about the chances of humans' being able to live a longer life in the future
- d) are losing hope about preventing oxygen from doing damage to human cells as it does now

**98- The author states that oxygen is capricious in that it -----.**

- a) generates free radicals inside cells that inflict damage
- b) gets around, reacting with all kinds of things
- c) results in the production of more energy than we need for our daily needs
- d) combines with fats and carbohydrates to produce energy

**99- The word "assailants" in paragraph 3 refers to -----.**

- a) estimates
- b) cells
- c) 10,000 times a day
- d) oxidants

**100- The author has brought in a quotation from John Carney to bolster the fact that we -----.**

- a) are to do everything possible to ascertain that our environment is clean enough to prolong our life
- b) have some natural defense mechanisms that work to lessen the havoc that oxidants wreak on our cells
- c) spend more energy than we should to counter the effects of free radicals

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- d) have bodies that are similar to houses and thus are to be clinically examined and replaced

### **Passage 2:**

So why should we care about how many different kinds of organisms there are, as long as the ones we care about are still around? For one thing, no organism lives in isolation from its environment and the other living things in it. Creatures like whales, pandas, sea turtles, and tigers that capture our imagination cannot survive without countless other species. Organisms are bound together in complex food webs, nutrient cycles, symbioses, and other ecological interactions. The loss of even the "lowliest" of species could have profound effects on many others. Biologists simply do not understand ecosystems well enough to predict what these effects might be.

Another reason to conserve biodiversity is that it represents a hidden treasure trove. Most pharmaceuticals are derived from natural chemicals in organisms, but only a tiny fraction of species have been tested. The wild plants from which our farm plants were derived contain genes for pest resistance, faster growth, and higher quality that could be used to improve our food crops or develop new ones. New materials -- a substitute for petroleum, perhaps, or industrial chemicals or better floors for clothing -- also remain undiscovered. There are so many different kinds of organisms, however, that scientists have not had time to even identify most of them, much less evaluate their usefulness. The next species that goes extinct might hold the cure for cancer, a solution to hunger, or maybe just the makings of an elegant new perfume -- a secret that will be lost forever.

**101- The question with which the passage opens is -----.**

- a) actually what the passage mainly deals with
- b) intended to display our insufficiency of knowledge
- c) one that is disputed
- d) a rhetorical question

**102- The profound effects cited in paragraph 1 are the effects -----.**

- a) come up only when the lowliest of species are neglected
- b) that are around now but not fully understood by scientists
- c) the environment has on living creatures
- d) scientists are not yet able to pinpoint in advance

**103- What is the function of paragraph 2 in relation to what paragraph 1 is mainly concerned with?**

- a) It yet introduces another reason in support of the main theme of paragraph 1.
- b) It uses paragraph 1 as a basis to make a prediction about what human nutrition would be like without biodiversity.
- c) It qualifies the chief claim presented in paragraph 1.

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d) It casts doubt on the validity of the main point of paragraph 1.

**104- The passage provides information that answers which of the following questions?**

- a) Why has a tiny fraction of species been tested for their pharmaceutical value?
- b) Why did humans first use the wild plants to derive the ones we now grow?
- c) Why is it that the author contends that biodiversity is actually a hidden treasure trove?
- d) Why have biologists not yet been able to understand ecosystems well enough?

**105- The tone of the passage could best be described as -----.**

- a) informative and cautionary
- b) enthusiastic and partial
- c) scholarly and noncommittal
- d) skeptical and questioning

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## Part A. Grammar

**Directions:** Select the answer choice (a), (b), (c), or (d) that could best complete the blank in the following questions. Then mark your answer on your answer sheet.

121- A gifted child might excel in questions that probe verbal intelligence, say, -----  
--- miserably on spatial reasoning skills in the labyrinth part of the test.

- i) then performed
- j) perform however
- k) but perform
- l) although performed

122- Neuroscientists have long held that glial cells in the brain, ----- astrocytes are one type, support neurons by protecting them from invaders.

- i) for them
- j) in that
- k) in which
- l) of which

123- Along with several colleagues, I have recently conducted research that offers insight into why many people end up unhappy ----- their options expand.

- i) rather than pleased when
- j) rather than when to please
- k) to pleased rather than when
- l) when please rather than

124- ----- widely recognize that plants reproduce sexually.

- i) Not until the 17th century European naturalists did
- j) Not until the 17th century did European naturalist
- k) European naturalists did not until the 17th century
- l) Until the 17th century European naturalists not

125- Only an elite few cells in a tumor seem to acquire this ability to detach from the initial mass, float through the circulatory system and start a new colony in a different organ from the one -----.

- i) their being given birth to
- j) to give birth to
- k) giving birth to
- l) that gave birth to them

126- A discussion of ----- the sound barrier must begin with the physical description of sound as a wave with a finite propagation speed.

- i) when does an object break what happens to
- j) what happens when an object breaks
- k) when does an object happen to break
- l) what it happens to an object when it breaks

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127- ----- a laser to about 700 degrees Celsius, the alloy switches from the original crystalline phase to the amorphous state, which then appears as a dark spot when the disc is played back.

- i) When heated with
- j) To heat by
- k) Heating with
- l) Heat it by

128- Although eight hours a night is a figure ----- it has almost become an article of faith, **hte** reality is that sleep need is highly individual.

- i) is repeated so often
- j) so repeated often
- k) repeated so often that
- l) repeats so often as

### Part B. Vocabulary

**Directions:** Select the answer choice (a), (b), (c), or (d) that could best complete the blank in the following questions. Then mark your answer on your answer sheet.

129- Branson later admitted that what he had said was false and that he had ----- the whole story.

- i) fabricated
- j) implemented
- k) simulated
- l) wondered

130- Since he failed his first exam, he has ----- himself in his studies so that such a thing would not happen again.

- i) scattered
- j) immersed
- k) endeavored
- l) disseminated

131- You may make the decisions you think appropriate, but we hold you ----- all the consequences.

- i) rife with
- j) indifferent to
- k) affable to
- l) accountable for

132- Nobody who regularly uses the motorway can say they haven't been warned about the dangers of driver -----.

- i) thrill
- j) fatigue
- k) evasion
- l) acceleration

133- The prime minister cannot go ahead with the plan unless he first manages to obtain the ----- of the parliament.

- i) feasibility

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- j) extravagance
- k) endorsement
- l) eminence

**134- Knowledge of medical cures advanced slowly, but deadly plagues no longer -----  
---- huge segments of the population.**

- i) thwarted
- j) galvanized
- k) exemplified
- l) decimated

**135- Because pasteurization kills bacteria, it is most ----- to offer only pasteurized  
juices.**

- i) potent
- j) prudent
- k) prevailing
- l) pacific

**136- The chemical industry makes a crucial contribution to our health and -----  
- and to protection of the environment.**

- i) legitimacy
- j) magnitude
- k) prosperity
- l) recollection

**137- The youngster ----- without a trace one day and has never been found.**

- i) vanished
- j) uttered
- k) receded
- l) overlooked

**138- Reginald bought Sharona a new dress to ----- her for the one he'd spilled  
his ice cream on.**

- i) conceal
- j) compensate
- k) pursue
- l) salvage

**139- Eating more animal foods is one way of boosting the **caloric** and ----- density  
of the diet, a shift that appears to have been conducive to human development.**

- i) nutrient
- j) adroit
- k) rigid
- l) scarce

**140- Knowing the potential within a child prodigy's world, and how to counter them, can  
significantly improve each girl and boy's chances for success with their double-edged  
gifts.**

- i) knacks
- j) merits
- k) notions
- l) pitfalls

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### Part C. Reading Comprehension

**Directions:** Read the following two passages and select the choice (a), (b), (c), or (d) that best answers each question. Then mark your answer on your answer sheet.

#### Passage 1:

From bacteria to baleen whales, our planet is home to tens of millions of different life forms at least; biologists can only guess at the true number of species. The richness and variety of life is referred to as biological diversity, or just biodiversity. In recent years, the subject of biodiversity has been the focus of discussion not only in scientific circles but in the news media and the highest levels of government and international affairs. The reason for this attention, unfortunately, is that the earth's biodiversity is disappearing. Extinction is a natural event that has gone on since life first appeared on earth, but pollution, habitat destruction, overexploitation, and other human folly are now driving, species extinct at a rate unprecedented in the history of life. At the rate things are going, most kinds of living things will disappear forever from the face of the earth, many before we even know they are there.

When it comes to conservation, the emphasis of decision makers, conservation organizations, and the general public has traditionally been on organisms that we find beautiful or emotionally compelling. Bald eagles, whales, and redwood trees evoke strong positive reactions in most people; microscopic worms and bottom-dwelling fungi do not. Worms, fungi, and millions of other seemingly insignificant species are at least as vital to earth's survival -- and therefore to our own -- as are the larger organisms that we happen to find attractive. There is a growing recognition of the need to protect the earth's biodiversity, to reverse or at least slow the process of mass extinction. What is new about this recent attention is the focus on maintaining the total number of species, rather than on saving particular ones.

**141- According to the passage, the variety of life on Earth -----.**

- i) has attracted people's attention because it is in jeopardy
- j) has long been the concern of different people
- k) is discussed in scientific circles only
- l) is a recent discovery

**142- Which one of the following statements about extinction is TRUE, according to the passage?**

- i) It is unlikely to affect mankind if it continues at the present rate.
- j) It began a long time after life flourished on the planet Earth.
- k) It used to occur more slowly than it does now.
- l) It is argued to be a recent phenomenon.

**143- It can be inferred from the passage that there are most probably living things -----.**

- i) not contributing to Earth's biodiversity
- j) not yet known to us
- k) as conspicuous as trees whose problems of survival go unnoticed
- l) not sensitive to such factors as pollution, habitat destruction, overexploitation

**144- The author states that microscopic worms and bottom-dwelling fungi -----.**

- i) are needed for the health and survival of the Earth

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- j) are viewed as attractive by most people but ignored because of being invisible
- k) are often ignored due to their insignificance
- l) occupy more space than other organisms

**145- The tone of the passage could best be described as -----.**

- i) laudatory
- j) flippant
- k) apologetic
- l) alarmed

**Passage 2:**

One of the most basic assumptions about management is that systematic and careful analysis yields superior choices than those coming from intuitive processes. However this assumption has recently come under fire (Mintzberg, 1994). Mintzberg (1994), in his book *The Rise and Fall of Strategic Planning*, concludes that the term "strategic planning" is an oxymoron. He argues that strategy cannot be planned because planning is about analysis and strategy is about synthesis. That is why, he asserts, such a planning approach has failed so often and so dramatically. In a similar vein, Peters and Waterman (1982) viewed "the rational model" as a major reason for the problems United States firms encountered in competing with foreign companies in the 1970s and 1980s.

This is not to say that rational analysis is a futile exercise. Rational analysis is a useful and indispensable tool in strategy-making which even Mintzberg (1994), a strong critic of strategic rationality, concedes. Our stand is that a theory of strategic decision making has to take into account both rational and intuitive processes (Pondy, 1983; Simon, 1987). As Jonas Salk, the discoverer of polio vaccine, noted: "... if we combine our intuition and our reason, we can respond in an evolutionary sound way to our problems ..." (cited in Ray & Myers, 1990: 249). To date, scholars have emphasized rational decision making over intuitive decision making. One major reason for such a tendency is that, to many scholars, intuitive processes, perhaps, fall into the realm of irrational or paranormal. As a result, they believe that intuitive processes are beyond the scope of a scientific study. Recent advances in cognitive science and artificial intelligence, however, suggest that there is nothing mystical or magical about intuitive processes and that they are not paranormal or irrational.

**146- The word "those" in line 2 refers to -----.**

- i) systematic and careful analysis
- j) processes
- k) choices
- l) assumptions

**147- The scholars referred to in paragraph 1 argue that -----.**

- i) the fact that the rational model did not turn out to be useful in the United States does not mean that it is futile altogether
- j) managers who use systematic and careful analysis to make decisions have been unduly criticized
- k) a managerial approach to decision-making based on the rational model unlikely to be fruitful
- l) there is something contradictory about management that makes it elude a definite definition

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**148- Why does the author quote Jonas Salk in paragraph 2?**

- i) To support the point that rational analysis is not to be discarded altogether
- j) To demonstrate that the scientific approach is the same regardless of the discipline involved
- k) To stress the point that advances made in one field of study should be disregarded by those in other branches of science
- l) To substantiate the fact that those who utilize the rational model in their management style are not to be censured as severely as they have been

**149- According to the passage, those who object to the intuitive model of decision making believe that it is flawed in that -----.**

- i) intuition varies from person to person
- j) intuitive processes cannot be subjected to scientific analysis
- k) intuition-based decisions have most often turned out to be wrong
- l) the very existence of intuition has yet not been verified by cognitive science

**150- Which of the following rhetorical techniques has NOT been used in the development of the topic in the passage?**

- i) Appeal to authority
- j) Cause and effect
- k) Factual information
- l) Process time order

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## Part A. Grammar

**Directions:** Select the answer choice (a), (b), (c), or (d) that could best complete the blank in the following questions. Then mark your answer on your answer sheet.

121- A gifted child might excel in questions that probe verbal intelligence, say, -----  
--- miserably on spatial reasoning skills in the labyrinth part of the test.

- m) then performed
- n) perform however
- o) but perform
- p) although performed

122- Neuroscientists have long held that glial cells in the brain, ----- astrocytes are one type, support neurons by protecting them from invaders.

- m) for them
- n) in that
- o) in which
- p) of which

123- Along with several colleagues, I have recently conducted research that offers insight into why many people end up unhappy ----- their options expand.

- m) rather than pleased when
- n) rather than when to please
- o) to pleased rather than when
- p) when please rather than

124- ----- widely recognize that plants reproduce sexually.

- m) Not until the 17th century European naturalists did
- n) Not until the 17th century did European naturalist
- o) European naturalists did not until the 17th century
- p) Until the 17th century European naturalists not

125- Only an elite few cells in a tumor seem to acquire this ability to detach from the initial mass, float through the circulatory system and start a new colony in a different organ from the one -----.

- m) their being given birth to
- n) to give birth to
- o) giving birth to
- p) that gave birth to them

126- A discussion of ----- the sound barrier must begin with the physical description of sound as a wave with a finite propagation speed.

- m) when does an object break what happens to
- n) what happens when an object breaks
- o) when does an object happen to break
- p) what it happens to an object when it breaks

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127- ----- a laser to about 700 degrees Celsius, the alloy switches from the original crystalline phase to the amorphous state, which then appears as a dark spot when the disc is played back.

- m) When heated with
- n) To heat by
- o) Heating with
- p) Heat it by

128- Although eight hours a night is a figure ----- it has almost become an article of faith, **hte** reality is that sleep need is highly individual.

- m) is repeated so often
- n) so repeated often
- o) repeated so often that
- p) repeats so often as

### Part B. Vocabulary

**Directions:** Select the answer choice (a), (b), (c), or (d) that could best complete the blank in the following questions. Then mark your answer on your answer sheet.

129- Branson later admitted that what he had said was false and that he had ----- the whole story.

- m) fabricated
- n) implemented
- o) simulated
- p) wondered

130- Since he failed his first exam, he has ----- himself in his studies so that such a thing would not happen again.

- m) scattered
- n) immersed
- o) endeavored
- p) disseminated

131- You may make the decisions you think appropriate, but we hold you ----- all the consequences.

- m) rife with
- n) indifferent to
- o) affable to
- p) accountable for

132- Nobody who regularly uses the motorway can say they haven't been warned about the dangers of driver -----.

- m) thrill
- n) fatigue
- o) evasion
- p) acceleration

133- The prime minister cannot go ahead with the plan unless he first manages to obtain the ----- of the parliament.

- m) feasibility

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- n) extravagance
- o) endorsement
- p) eminence

**134- Knowledge of medical cures advanced slowly, but deadly plagues no longer ----- huge segments of the population.**

- m) thwarted
- n) galvanized
- o) exemplified
- p) decimated

**135- Because pasteurization kills bacteria, it is most ----- to offer only pasteurized juices.**

- m) potent
- n) prudent
- o) prevailing
- p) pacific

**136- The chemical industry makes a crucial contribution to our health and ----- and to protection of the environment.**

- m) legitimacy
- n) magnitude
- o) prosperity
- p) recollection

**137- The youngster ----- without a trace one day and has never been found.**

- m) vanished
- n) uttered
- o) receded
- p) overlooked

**138- Reginald bought Sharona a new dress to ----- her for the one he'd spilled his ice cream on.**

- m) conceal
- n) compensate
- o) pursue
- p) salvage

**139- Eating more animal foods is one way of boosting the **caloric** and ----- density of the diet, a shift that appears to have been conducive to human development.**

- m) nutrient
- n) adroit
- o) rigid
- p) scarce

**140- Knowing the potential within a child prodigy's world, and how to counter them, can significantly improve each girl and boy's chances for success with their double-edged gifts.**

- m) knacks
- n) merits
- o) notions
- p) pitfalls

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### Part C. Reading Comprehension

**Directions:** Read the following two passages and select the choice (a), (b), (c), or (d) that best answers each question. Then mark your answer on your answer sheet.

#### Passage 1:

From bacteria to baleen whales, our planet is home to tens of millions of different life forms at least; biologists can only guess at the true number of species. The richness and variety of life is referred to as biological diversity, or just biodiversity. In recent years, the subject of biodiversity has been the focus of discussion not only in scientific circles but in the news media and the highest levels of government and international affairs. The reason for this attention, unfortunately, is that the earth's biodiversity is disappearing. Extinction is a natural event that has gone on since life first appeared on earth, but pollution, habitat destruction, overexploitation, and other human folly are now driving, species extinct at a rate unprecedented in the history of life. At the rate things are going, most kinds of living things will disappear forever from the face of the earth, many before we even know they are there.

When it comes to conservation, the emphasis of decision makers, conservation organizations, and the general public has traditionally been on organisms that we find beautiful or emotionally compelling. Bald eagles, whales, and redwood trees evoke strong positive reactions in most people; microscopic worms and bottom-dwelling fungi do not. Worms, fungi, and millions of other seemingly insignificant species are at least as vital to earth's survival -- and therefore to our own -- as are the larger organisms that we happen to find attractive. There is a growing recognition of the need to protect the earth's biodiversity, to reverse or at least slow the process of mass extinction. What is new about this recent attention is the focus on maintaining the total number of species, rather than on saving particular ones.

**141- According to the passage, the variety of life on Earth -----.**

- m) has attracted people's attention because it is in jeopardy
- n) has long been the concern of different people
- o) is discussed in scientific circles only
- p) is a recent discovery

**142- Which one of the following statements about extinction is TRUE, according to the passage?**

- m) It is unlikely to affect mankind if it continues at the present rate.
- n) It began a long time after life flourished on the planet Earth.
- o) It used to occur more slowly than it does now.
- p) It is argued to be a recent phenomenon.

**143- It can be inferred from the passage that there are most probably living things -----**

- m) not contributing to Earth's biodiversity
- n) not yet known to us
- o) as conspicuous as trees whose problems of survival go unnoticed
- p) not sensitive to such factors as pollution, habitat destruction, overexploitation

**144- The author states that microscopic worms and bottom-dwelling fungi -----**

- m) are needed for the health and survival of the Earth

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- n) are viewed as attractive by most people but ignored because of being invisible
- o) are often ignored due to their insignificance
- p) occupy more space than other organisms

**145- The tone of the passage could best be described as -----.**

- m) laudatory
- n) flippant
- o) apologetic
- p) alarmed

**Passage 2:**

One of the most basic assumptions about management is that systematic and careful analysis yields superior choices than those coming from intuitive processes. However this assumption has recently come under fire (Mintzberg, 1994). Mintzberg (1994), in his book *The Rise and Fall of Strategic Planning*, concludes that the term "strategic planning" is an oxymoron. He argues that strategy cannot be planned because planning is about analysis and strategy is about synthesis. That is why, he asserts, such a planning approach has failed so often and so dramatically. In a similar vein, Peters and Waterman (1982) viewed "the rational model" as a major reason for the problems United States firms encountered in competing with foreign companies in the 1970s and 1980s.

This is not to say that rational analysis is a futile exercise. Rational analysis is a useful and indispensable tool in strategy-making which even Mintzberg (1994), a strong critic of strategic rationality, concedes. Our stand is that a theory of strategic decision making has to take into account both rational and intuitive processes (Pondy, 1983; Simon, 1987). As Jonas Salk, the discoverer of polio vaccine, noted: "... if we combine our intuition and our reason, we can respond in an evolutionary sound way to our problems ..." (cited in Ray & Myers, 1990: 249). To date, scholars have emphasized rational decision making over intuitive decision making. One major reason for such a tendency is that, to many scholars, intuitive processes, perhaps, fall into the realm of irrational or paranormal. As a result, they believe that intuitive processes are beyond the scope of a scientific study. Recent advances in cognitive science and artificial intelligence, however, suggest that there is nothing mystical or magical about intuitive processes and that they are not paranormal or irrational.

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**149- According to the passage, those who object to the intuitive model of decision making believe that it is flawed in that -----.**

- m) intuition varies from person to person
- n) intuitive processes cannot be subjected to scientific analysis
- o) intuition-based decisions have most often turned out to be wrong
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**150- Which of the following rhetorical techniques has NOT been used in the development of the topic in the passage?**

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## Part A. Grammar

**Directions:** Select the answer choice (a), (b), (c), or (d) that could best complete the blank in the following questions. Then mark your answer on your answer sheet.

76- In countless shacks and shanties across the country, she had tied the shoes of children, wiped their noses, hugged them -----, scrambled to find food for them, and fought for their rights.

- e) to be crying
- f) when they cried
- g) cried
- h) had cried

77- Superstitions were not the only Japanese things in my life. A lot more of me was Japanese -----, whether I liked it or not.

- e) to realize
- f) realized
- g) than I realized
- h) to be realized

78- Perhaps the most unusual office is the one ----- who, in 2007, decided to move closer to nature by creating an office in a tree.

- e) used by David Smith
- f) which used David Smith
- g) David Smith used
- h) is used by David Smith

79- ----- are rich in a wide variety of species is well known, something no one ever disputes.

- e) The Earth's some regions
- f) There are some regions of the Earth
- g) What are the regions of the Earth
- h) That some regions of the Earth

80- A team led by Mark Tuszynski injected brain-derived neurotrophic factor (BDNF) into the entorhinal cortex and the hippocampus, -----, and where Alzheimer's strikes first.

- e) in which the parts of the brain where memories are formed and consolidated
- f) they being the parts of the brain where memories are formed and consolidated
- g) to form and consolidate the parts of the brain where memories

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h) the parts of the brain where memories are formed and consolidated

**81- I heard the car is the deadliest weapon created by humans and ----- exceeds the death toll from atomic weapons, guns or bombing. Is this true?**

- e) and the number of lives claimed
- f) claims that the number of lives
- g) that the number of lives it has claimed
- h) it has claimed the number of lives

**82- Many top athletes now find mental training indispensable -- and ----- for performing on race or game day but for getting the most out of daily workouts.**

- e) only
- f) not just
- g) both
- h) either

**83- Leonardo's unique labelling of the ventricles reflects the tremendous importance he accorded to the sense of vision, which he described as the window to the soul and the most important basis -----.**

- e) of all experience
- f) ever to experience
- g) on which experience
- h) on that is experiencing

## Part B. Vocabulary

**Directions:** Select the answer choice (a), (b), (c), or (d) that could best complete the blank in the following questions. Then mark your answer on your answer sheet.

**84- If we analyze food consumption based on body size, we find that ants eat their full body weight everyday while a whale eats the ----- of only one-thousandth of its body weight each day.**

- e) absorption
- f) equivalent
- g) synonymy
- h) shortage

**85- A clown is a similar comic character of pantomime and circus, known by his distinctive makeup and costume, ----- antics, and buffoonery, whose purpose is to induce hearty laughter.**

- e) mercenary
- f) unconscious
- g) audacious
- h) ludicrous

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**86- Besides ----- about 40,000 homes, the worst natural disaster in memory destroyed countless businesses and jobs.**

- e) coinciding
- f) annihilating
- g) refurbishing
- h) precluding

**87- Jeff was so ----- in his views that it was impossible to have a rational debate with him.**

- e) boisterous
- f) substantial
- g) intransigent
- h) indulgent

**88- Since Kelly was so -----, we asked her to proofread our group's report.**

- e) meticulous
- f) frugal
- g) impulsive
- h) impetuous

**89- I was so happy when I got the acceptance letter from the University of Tehran that I sprinted home with great ----- to share the good news.**

- e) dexterity
- f) improvisation
- g) alacrity
- h) avarice

**90- Ted ----- any allegations of his involvement in the bank robbery that had just happened.**

- e) refuted
- f) suspended
- g) confessed
- h) deduced

**91- The fact that some fish ----- their offspring illustrates that these fish lack a nurturing instinct.**

- e) mitigate
- f) devour
- g) withdraw
- h) pursue

**92- Because the company was forced to recall the faulty product and stop distribution, it soon had ----- of useless inventory.**

- e) a recession
- f) a denial
- g) an abundance
- h) an aptitude

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**93- Walters cannot be sent to jail now; we still have no ----- proof that he was at the scene of the crime.**

- e) demonstrative
- f) conclusive
- g) redundant
- h) immaterial

**94- Lord Astor's racing horses possess speed but not -----; they consistently lead at the start of a race and fall behind at the end.**

- e) elation
- f) boldness
- g) proximity
- h) stamina

**95- The regulations ----- that everything has to comply with the relevant safety standards.**

- e) evoke
- f) contribute
- g) vow
- h) stipulate

### Part C. Reading Comprehension

**Directions:** Read the following two passages and select the choice (a), (b), (c), or (d) that best answers each question. Then mark your answer on your answer sheet.

#### Passage 1:

You can drop cigarettes. Avoid pollution. But there's one toxin you just can't dodge: oxygen. With every gulp of air, oxygen gives you life. Some of it, however, gets converted inside your cells into a radical molecule that can wreak havoc, degrading those same cells and others. A growing number of scientists say this damage is what causes aging. They also think they may one day be able to fend off oxygen's ill effects and help us live a lot longer.

Scientists have long known that oxygen is capricious. As molecules go, it gets around, reacting with all kinds of things. Mostly, that's good. Oxygen combines with fats and carbohydrates, in a part of cells known as the mitochondrion, to churn out the energy that gets you through the day. But the conversion isn't perfect. A small amount of oxygen is regenerated in a nasty form called a free radical, or oxidant -- the very critter that causes metal to rust. The oxidants careen about, binding to and disrupting the membranes, proteins, DNA and other cell structures that make your body work. Over time, this damage adds up, and the result just might be an older, frailer you.

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According to one estimate, oxidants bombard the DNA inside every one of our cells roughly 10,000 times a day. Thankfully, most of the assailants are intercepted by a small army of antioxidant chemicals. Proteins also patch up the damage caused by the radicals that do get through. "The house is always getting dirty, and we're always trying to clean it up," remarks John Carney, chief technical officer at Centaur Pharmaceuticals in Sunnyvale, Calif, which is developing drugs to fight various diseases of aging. But eventually, the theory goes, our tired cells get less efficient at repelling free radicals and mopping up oxidative messes, and the damage accumulates. We begin to rust from the inside out.

**96- What is the subject of the passage?**

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**93- Walters cannot be sent to jail now; we still have no ----- proof that he was at the scene of the crime.**

- i) demonstrative
- j) conclusive
- k) redundant
- l) immaterial

**94- Lord Astor's racing horses possess speed but not -----; they consistently lead at the start of a race and fall behind at the end.**

- i) elation
- j) boldness
- k) proximity
- l) stamina

**95- The regulations ----- that everything has to comply with the relevant safety standards.**

- i) evoke
- j) contribute
- k) vow
- l) stipulate

### Part C. Reading Comprehension

**Directions:** Read the following two passages and select the choice (a), (b), (c), or (d) that best answers each question. Then mark your answer on your answer sheet.

#### **Passage 1:**

You can drop cigarettes. Avoid pollution. But there's one toxin you just can't dodge: oxygen. With every gulp of air, oxygen gives you life. Some of it, however, gets converted inside your cells into a radical molecule that can wreak havoc, degrading those same cells and others. A growing number of scientists say this damage is what causes aging. They also think they may one day be able to fend off oxygen's ill effects and help us live a lot longer.

Scientists have long known that oxygen is capricious. As molecules go, it gets around, reacting with all kinds of things. Mostly, that's good. Oxygen combines with fats and carbohydrates, in a part of cells known as the mitochondrion, to churn out the energy that gets you through the day. But the conversion isn't perfect. A small amount of oxygen is regenerated in a nasty form called a free radical, or oxidant -- the very critter that causes metal to rust. The oxidants careen about, binding to and disrupting the membranes, proteins, DNA and other cell structures that make your body work. Over time, this damage adds up, and the result just might be an older, frailer you.

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### **Passage 2:**

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

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**93- Walters cannot be sent to jail now; we still have no ----- proof that he was at the scene of the crime.**

- m) demonstrative
- n) conclusive
- o) redundant
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**94- Lord Astor's racing horses possess speed but not -----; they consistently lead at the start of a race and fall behind at the end.**

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- n) boldness
- o) proximity
- p) stamina

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- m) evoke
- n) contribute
- o) vow
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### Part C. Reading Comprehension

**Directions:** Read the following two passages and select the choice (a), (b), (c), or (d) that best answers each question. Then mark your answer on your answer sheet.

#### Passage 1:

You can drop cigarettes. Avoid pollution. But there's one toxin you just can't dodge: oxygen. With every gulp of air, oxygen gives you life. Some of it, however, gets converted inside your cells into a radical molecule that can wreak havoc, degrading those same cells and others. A growing number of scientists say this damage is what causes aging. They also think they may one day be able to fend off oxygen's ill effects and help us live a lot longer.

Scientists have long known that oxygen is capricious. As molecules go, it gets around, reacting with all kinds of things. Mostly, that's good. Oxygen combines with fats and carbohydrates, in a part of cells known as the mitochondrion, to churn out the energy that gets you through the day. But the conversion isn't perfect. A small amount of oxygen is regenerated in a nasty form called a free radical, or oxidant -- the very critter that causes metal to rust. The oxidants careen about, binding to and disrupting the membranes, proteins, DNA and other cell structures that make your body work. Over time, this damage adds up, and the result just might be an older, frailer you.

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According to one estimate, oxidants bombard the DNA inside every one of our cells roughly 10,000 times a day. Thankfully, most of the assailants are intercepted by a small army of antioxidant chemicals. Proteins also patch up the damage caused by the radicals that do get through. "The house is always getting dirty, and we're always trying to clean it up," remarks John Carney, chief technical officer at Centaur Pharmaceuticals in Sunnyvale, Calif, which is developing drugs to fight various diseases of aging. But eventually, the theory goes, our tired cells get less efficient at repelling free radicals and mopping up oxidative messes, and the damage accumulates. We begin to rust from the inside out.

**96- What is the subject of the passage?**

- m) The role of one aging variable
- n) Ways to stop aging
- o) A misconception about aging
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**97- All of the following are FALSE about the scientists mentioned in paragraph 1 EXCEPT that they -----.**

- m) think there would come a day that a radical molecule would be discovered to offset oxygen's ill effects
- n) believe what is accelerating aging is the havoc wreaked on human cells by the impact of oxygen deficiency caused by smoking and pollution
- o) are optimistic about the chances of humans' being able to live a longer life in the future
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**98- The author states that oxygen is capricious in that it -----.**

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- n) cells
- o) 10,000 times a day
- p) oxidants

**100- The author has brought in a quotation from John Carney to bolster the fact that we -----.**

- m) are to do everything possible to ascertain that our environment is clean enough to prolong our life
- n) have some natural defense mechanisms that work to lessen the havoc that oxidants wreak on our cells
- o) spend more energy than we should to counter the effects of free radicals

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- p) have bodies that are similar to houses and thus are to be clinically examined and replaced

### Passage ۲:

So why should we care about how many different kinds of organisms there are, as long as the ones we care about are still around? For one thing, no organism lives in isolation from its environment and the other living things in it. Creatures like whales, pandas, sea turtles, and tigers that capture our imagination cannot survive without countless other species. Organisms are bound together in complex food webs, nutrient cycles, symbioses, and other ecological interactions. The loss of even the "lowliest" of species could have profound effects on many others. Biologists simply do not understand ecosystems well enough to predict what these effects might be.

Another reason to conserve biodiversity is that it represents a hidden treasure trove. Most pharmaceuticals are derived from natural chemicals in organisms, but only a tiny fraction of species have been tested. The wild plants from which our farm plants were derived contain genes for pest resistance, faster growth, and higher quality that could be used to improve our food crops or develop new ones. New materials -- a substitute for petroleum, perhaps, or industrial chemicals or better floors for clothing -- also remain undiscovered. There are so many different kinds of organisms, however, that scientists have not had time to even identify most of them, much less evaluate their usefulness. The next species that goes extinct might hold the cure for cancer, a solution to hunger, or maybe just the makings of an elegant new perfume -- a secret that will be lost forever.

**101- The question with which the passage opens is -----.**

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**102- The profound effects cited in paragraph 1 are the effects -----.**

- m) come up only when the lowliest of species are neglected
- n) that are around now but not fully understood by scientists
- o) the environment has on living creatures
- p) scientists are not yet able to pinpoint in advance

**103- What is the function of paragraph 2 in relation to what paragraph 1 is mainly concerned with?**

- m) It yet introduces another reason in support of the main theme of paragraph 1.
- n) It uses paragraph 1 as a basis to make a prediction about what human nutrition would be like without biodiversity.
- o) It qualifies the chief claim presented in paragraph 1.

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p) It casts doubt on the validity of the main point of paragraph 1.

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## Part A. Grammar

**Directions:** Select the answer choice (a), (b), (c), or (d) that could best complete the blank in the following questions. Then mark your answer on your answer sheet.

76- In countless shacks and shanties across the country, she had tied the shoes of children, wiped their noses, hugged them -----, scrambled to find food for them, and fought for their rights.

- q) to be crying
- r) when they cried
- s) cried
- t) had cried

77- Superstitions were not the only Japanese things in my life. A lot more of me was Japanese -----, whether I liked it or not.

- q) to realize
- r) realized
- s) than I realized
- t) to be realized

78- Perhaps the most unusual office is the one ----- who, in 2007, decided to move closer to nature by creating an office in a tree.

- q) used by David Smith
- r) which used David Smith
- s) David Smith used
- t) is used by David Smith

79- ----- are rich in a wide variety of species is well known, something no one ever disputes.

- q) The Earth's some regions
- r) There are some regions of the Earth
- s) What are the regions of the Earth
- t) That some regions of the Earth

80- A team led by Mark Tuszynski injected brain-derived neurotrophic factor (BDNF) into the entorhinal cortex and the hippocampus, -----, and where Alzheimer's strikes first.

- q) in which the parts of the brain where memories are formed and consolidated
- r) they being the parts of the brain where memories are formed and consolidated
- s) to form and consolidate the parts of the brain where memories

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t) the parts of the brain where memories are formed and consolidated

**81- I heard the car is the deadliest weapon created by humans and ----- exceeds the death toll from atomic weapons, guns or bombing. Is this true?**

- q) and the number of lives claimed
- r) claims that the number of lives
- s) that the number of lives it has claimed
- t) it has claimed the number of lives

**82- Many top athletes now find mental training indispensable -- and ----- for performing on race or game day but for getting the most out of daily workouts.**

- q) only
- r) not just
- s) both
- t) either

**83- Leonardo's unique labelling of the ventricles reflects the tremendous importance he accorded to the sense of vision, which he described as the window to the soul and the most important basis -----.**

- q) of all experience
- r) ever to experience
- s) on which experience
- t) on that is experiencing

## Part B. Vocabulary

**Directions:** Select the answer choice (a), (b), (c), or (d) that could best complete the blank in the following questions. Then mark your answer on your answer sheet.

**84- If we analyze food consumption based on body size, we find that ants eat their full body weight everyday while a whale eats the ----- of only one-thousandth of its body weight each day.**

- q) absorption
- r) equivalent
- s) synonymy
- t) shortage

**85- A clown is a similar comic character of pantomime and circus, known by his distinctive makeup and costume, ----- antics, and buffoonery, whose purpose is to induce hearty laughter.**

- q) mercenary
- r) unconscious
- s) audacious
- t) ludicrous

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**86- Besides ----- about 40,000 homes, the worst natural disaster in memory destroyed countless businesses and jobs.**

- q) coinciding
- r) annihilating
- s) refurbishing
- t) precluding

**87- Jeff was so ----- in his views that it was impossible to have a rational debate with him.**

- q) boisterous
- r) substantial
- s) intransigent
- t) indulgent

**88- Since Kelly was so -----, we asked her to proofread our group's report.**

- q) meticulous
- r) frugal
- s) impulsive
- t) impetuous

**89- I was so happy when I got the acceptance letter from the University of Tehran that I sprinted home with great ----- to share the good news.**

- q) dexterity
- r) improvisation
- s) alacrity
- t) avarice

**90- Ted ----- any allegations of his involvement in the bank robbery that had just happened.**

- q) refuted
- r) suspended
- s) confessed
- t) deduced

**91- The fact that some fish ----- their offspring illustrates that these fish lack a nurturing instinct.**

- q) mitigate
- r) devour
- s) withdraw
- t) pursue

**92- Because the company was forced to recall the faulty product and stop distribution, it soon had ----- of useless inventory.**

- q) a recession
- r) a denial
- s) an abundance
- t) an aptitude

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### Part C. Reading Comprehension

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**96- What is the subject of the passage?**

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- r) Ways to stop aging
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### **Passage 2:**

So why should we care about how many different kinds of organisms there are, as long as the ones we care about are still around? For one thing, no organism lives in isolation from its environment and the other living things in it. Creatures like whales, pandas, sea turtles, and tigers that capture our imagination cannot survive without countless other species. Organisms are bound together in complex food webs, nutrient cycles, symbioses, and other ecological interactions. The loss of even the "lowliest" of species could have profound effects on many others. Biologists simply do not understand ecosystems well enough to predict what these effects might be.

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**103- What is the function of paragraph 2 in relation to what paragraph 1 is mainly concerned with?**

- q) It yet introduces another reason in support of the main theme of paragraph 1.
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t) It casts doubt on the validity of the main point of paragraph 1.

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- q) Why has a tiny fraction of species been tested for their pharmaceutical value?
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## Part A. Grammar

**Directions:** Select the answer choice (a), (b), (c), or (d) that could best complete the blank in the following questions. Then mark your answer on your answer sheet.

121- A gifted child might excel in questions that probe verbal intelligence, say, -----  
--- miserably on spatial reasoning skills in the labyrinth part of the test.

- q) then performed
- r) perform however
- s) but perform
- t) although performed

122- Neuroscientists have long held that glial cells in the brain, ----- astrocytes are one type, support neurons by protecting them from invaders.

- q) for them
- r) in that
- s) in which
- t) of which

123- Along with several colleagues, I have recently conducted research that offers insight into why many people end up unhappy ----- their options expand.

- q) rather than pleased when
- r) rather than when to please
- s) to pleased rather than when
- t) when please rather than

124- ----- widely recognize that plants reproduce sexually.

- q) Not until the 17th century European naturalists did
- r) Not until the 17th century did European naturalist
- s) European naturalists did not until the 17th century
- t) Until the 17th century European naturalists not

125- Only an elite few cells in a tumor seem to acquire this ability to detach from the initial mass, float through the circulatory system and start a new colony in a different organ from the one -----.

- q) their being given birth to
- r) to give birth to
- s) giving birth lo
- t) that gave birth to them

126- A discussion of ----- the sound barrier must begin with the physical description of sound as a wave with a finite propagation speed.

- q) when does an object break what happens to
- r) what happens when an object breaks
- s) when does an object happen to break

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t) what it happens to an object when it breaks

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**132- Nobody who regularly uses the motorway can say they haven't been warned about the dangers of driver -----.**

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### Part C. Reading Comprehension

**Directions:** Read the following two passages and select the choice (a), (b), (c), or (d) that best answers each question. Then mark your answer on your answer sheet.

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From bacteria to baleen whales, our planet is home to tens of millions of different life forms at least; biologists can only guess at the true number of species. The richness and variety of life is referred to as biological diversity, or just biodiversity. In recent years, the subject of biodiversity has been the focus of discussion not only in scientific circles but in the news media and the highest levels of government and international affairs. The reason for this attention, unfortunately, is that the earth's biodiversity is disappearing. Extinction is a natural event that has gone on since life first appeared on earth, but pollution, habitat destruction, overexploitation, and other human folly are now driving, species extinct at a rate unprecedented in the history of life. At the rate things are going, most kinds of living things will disappear forever from the face of the earth, many before we even know they are there.

When it comes to conservation, the emphasis of decision makers, conservation organizations, and the general public has traditionally been on organisms that we find beautiful or emotionally compelling. Bald eagles, whales, and redwood trees evoke strong positive reactions in most people; microscopic worms and bottom-dwelling fungi do not. Worms, fungi, and millions of other seemingly insignificant species are at least as vital to earth's survival -- and therefore to our own -- as are the larger organisms that we happen to find attractive. There is a growing recognition of the need to protect the earth's biodiversity, to reverse or at least slow the process of mass extinction. What is new about this recent attention is the focus on maintaining the total number of species, rather than on saving particular ones.

**141- According to the passage, the variety of life on Earth -----.**

- q) has attracted people's attention because it is in jeopardy
- r) has long been the concern of different people
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**142- Which one of the following statements about extinction is TRUE, according to the passage?**

- q) It is unlikely to affect mankind if it continues at the present rate.
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**143- It can be inferred from the passage that there are most probably living things -----**

- q) not contributing to Earth's biodiversity
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**144- The author states that microscopic worms and bottom-dwelling fungi -----**

- q) are needed for the health and survival of the Earth
- r) are viewed as attractive by most people but ignored because of being invisible
- s) are often ignored due to their insignificance
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**145- The tone of the passage could best be described as -----.**

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**Passage 2:**

One of the most basic assumptions about management is that systematic and careful analysis yields superior choices than those coming from intuitive processes. However this assumption has recently come under fire (Mintzberg, 1994). Mintzberg (1994), in his book *The Rise and Fall of Strategic Planning*, concludes that the term "strategic planning" is an oxymoron. He argues that strategy cannot be planned because planning is about analysis and strategy is about synthesis. That is why, he asserts, such a planning approach has failed so often and so dramatically. In a similar vein, Peters and Waterman (1982) viewed "the rational model" as a major reason for the problems United States firms encountered in competing with foreign companies in the 1970s and 1980s.

This is not to say that rational analysis is a futile exercise. Rational analysis is a useful and indispensable tool in strategy-making which even Mintzberg (1994), a strong critic of strategic rationality, concedes. Our stand is that a theory of strategic decision making has to take into account both rational and intuitive processes (Pondy, 1983; Simon, 1987). As Jonas Salk, the discoverer of polio vaccine, noted: "... if we combine our intuition and our reason, we can respond in an evolutionary sound way to our problems ..." (cited in Ray & Myers, 1990: 249). To date, scholars have emphasized rational decision making over intuitive decision making. One major reason for such a tendency is that, to many scholars, intuitive processes, perhaps, fall into the realm of irrational or paranormal. As a result, they believe that intuitive processes are beyond the scope of a scientific study. Recent advances in cognitive science and artificial intelligence, however, suggest that there is nothing mystical or magical about intuitive processes and that they are not paranormal or irrational.

**146- The word "those" in line 2 refers to -----.**

- q) systematic and careful analysis
- r) processes
- s) choices
- t) assumptions

**147- The scholars referred to in paragraph 1 argue that -----.**

- q) the fact that the rational model did not turn out to be useful in the United States does not mean that it is futile altogether
- r) managers who use systematic and careful analysis to make decisions have been unduly criticized

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**149- According to the passage, those who object to the intuitive model of decision making believe that it is flawed in that -----.**

- q) intuition varies from person to person
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**150- Which of the following rhetorical techniques has NOT been used in the development of the topic in the passage?**

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- bb) that gave birth to them

126- A discussion of ----- the sound barrier must begin with the physical description of sound as a wave with a finite propagation speed.

- y) when does an object break what happens to
- z) what happens when an object breaks
- aa) when does an object happen to break
- bb) what it happens to an object when it breaks

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127- ----- a laser to about 700 degrees Celsius, the alloy switches from the original crystalline phase to the amorphous state, which then appears as a dark spot when the disc is played back.

- y) When heated with
- z) To heat by
- aa) Heating with
- bb) Heat it by

128- Although eight hours a night is a figure ----- it has almost become an article of faith, hte reality is that sleep need is highly individual.

- y) is repeated so often
- z) so repeated often
- aa) repeated so often that
- bb) repeats so often as

### Part B. Vocabulary

**Directions:** Select the answer choice (a), (b), (c), or (d) that could best complete the blank in the following questions. Then mark your answer on your answer sheet.

129- Branson later admitted that what he had said was false and that he had ----- the whole story.

- y) fabricated
- z) implemented
- aa) simulated
- bb) wondered

130- Since he failed his first exam, he has ----- himself in his studies so that such a thing would not happen again.

- y) scattered
- z) immersed
- aa) endeavored
- bb) disseminated

131- You may make the decisions you think appropriate, but we hold you ----- all the consequences.

- y) rife with
- z) indifferent to
- aa) affable to
- bb) accountable for

132- Nobody who regularly uses the motorway can say they haven't been warned about the dangers of driver -----.

- y) thrill
- z) fatigue
- aa) evasion
- bb) acceleration

133- The prime minister cannot go ahead with the plan unless he first manages to obtain the ----- of the parliament.

- y) feasibility

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- z) extravagance
- aa) endorsement
- bb) eminence

**134- Knowledge of medical cures advanced slowly, but deadly plagues no longer -----  
---- huge segments of the population.**

- y) thwarted
- z) galvanized
- aa) exemplified
- bb) decimated

**135- Because pasteurization kills bacteria, it is most ----- to offer only pasteurized  
juices.**

- y) potent
- z) prudent
- aa) prevailing
- bb) pacific

**136- The chemical industry makes a crucial contribution to our health and -----  
- and to protection of the environment.**

- y) legitimacy
- z) magnitude
- aa) prosperity
- bb) recollection

**137- The youngster ----- without a trace one day and has never been found.**

- y) vanished
- z) uttered
- aa) receded
- bb) overlooked

**138- Reginald bought Sharona a new dress to ----- her for the one he'd spilled  
his ice cream on.**

- y) conceal
- z) compensate
- aa) pursue
- bb) salvage

**139- Eating more animal foods is one way of boosting the **caloric** and ----- density  
of the diet, a shift that appears to have been conducive to human development.**

- y) nutrient
- z) adroit
- aa) rigid
- bb) scarce

**140- Knowing the potential within a child prodigy's world, and how to counter them, can  
significantly improve each girl and boy's chances for success with their double-edged  
gifts.**

- y) knacks
- z) merits
- aa) notions
- bb) pitfalls

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### Part C. Reading Comprehension

**Directions:** Read the following two passages and select the choice (a), (b), (c), or (d) that best answers each question. Then mark your answer on your answer sheet.

#### Passage 1:

From bacteria to baleen whales, our planet is home to tens of millions of different life forms at least; biologists can only guess at the true number of species. The richness and variety of life is referred to as biological diversity, or just biodiversity. In recent years, the subject of biodiversity has been the focus of discussion not only in scientific circles but in the news media and the highest levels of government and international affairs. The reason for this attention, unfortunately, is that the earth's biodiversity is disappearing. Extinction is a natural event that has gone on since life first appeared on earth, but pollution, habitat destruction, overexploitation, and other human folly are now driving, species extinct at a rate unprecedented in the history of life. At the rate things are going, most kinds of living things will disappear forever from the face of the earth, many before we even know they are there.

When it comes to conservation, the emphasis of decision makers, conservation organizations, and the general public has traditionally been on organisms that we find beautiful or emotionally compelling. Bald eagles, whales, and redwood trees evoke strong positive reactions in most people; microscopic worms and bottom-dwelling fungi do not. Worms, fungi, and millions of other seemingly insignificant species are at least as vital to earth's survival -- and therefore to our own -- as are the larger organisms that we happen to find attractive. There is a growing recognition of the need to protect the earth's biodiversity, to reverse or at least slow the process of mass extinction. What is new about this recent attention is the focus on maintaining the total number of species, rather than on saving particular ones.

**141- According to the passage, the variety of life on Earth -----.**

- y) has attracted people's attention because it is in jeopardy
- z) has long been the concern of different people
- aa) is discussed in scientific circles only
- bb) is a recent discovery

**142- Which one of the following statements about extinction is TRUE, according to the passage?**

- y) It is unlikely to affect mankind if it continues at the present rate.
- z) It began a long time after life flourished on the planet Earth.
- aa) It used to occur more slowly than it does now.
- bb) It is argued to be a recent phenomenon.

**143- It can be inferred from the passage that there are most probably living things -----.**

- y) not contributing to Earth's biodiversity
- z) not yet known to us
- aa) as conspicuous as trees whose problems of survival go unnoticed
- bb) not sensitive to such factors as pollution, habitat destruction, overexploitation

**144- The author states that microscopic worms and bottom-dwelling fungi -----.**

- y) are needed for the health and survival of the Earth

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- z) are viewed as attractive by most people but ignored because of being invisible
- aa) are often ignored due to their insignificance
- bb) occupy more space than other organisms

**145- The tone of the passage could best be described as -----.**

- y) laudatory
- z) flippant
- aa) apologetic
- bb) alarmed

**Passage 2:**

One of the most basic assumptions about management is that systematic and careful analysis yields superior choices than those coming from intuitive processes. However this assumption has recently come under fire (Mintzberg, 1994). Mintzberg (1994), in his book *The Rise and Fall of Strategic Planning*, concludes that the term "strategic planning" is an oxymoron. He argues that strategy cannot be planned because planning is about analysis and strategy is about synthesis. That is why, he asserts, such a planning approach has failed so often and so dramatically. In a similar vein, Peters and Waterman (1982) viewed "the rational model" as a major reason for the problems United States firms encountered in competing with foreign companies in the 1970s and 1980s.

This is not to say that rational analysis is a futile exercise. Rational analysis is a useful and indispensable tool in strategy-making which even Mintzberg (1994), a strong critic of strategic rationality, concedes. Our stand is that a theory of strategic decision making has to take into account both rational and intuitive processes (Pondy, 1983; Simon, 1987). As Jonas Salk, the discoverer of polio vaccine, noted: "... if we combine our intuition and our reason, we can respond in an evolutionary sound way to our problems ..." (cited in Ray & Myers, 1990: 249). To date, scholars have emphasized rational decision making over intuitive decision making. One major reason for such a tendency is that, to many scholars, intuitive processes, perhaps, fall into the realm of irrational or paranormal. As a result, they believe that intuitive processes are beyond the scope of a scientific study. Recent advances in cognitive science and artificial intelligence, however, suggest that there is nothing mystical or magical about intuitive processes and that they are not paranormal or irrational.

**146- The word "those" in line 2 refers to -----.**

- y) systematic and careful analysis
- z) processes
- aa) choices
- bb) assumptions

**147- The scholars referred to in paragraph 1 argue that -----.**

- y) the fact that the rational model did not turn out to be useful in the United States does not mean that it is futile altogether
- z) managers who use systematic and careful analysis to make decisions have been unduly criticized
- aa) a managerial approach to decision-making based on the rational model unlikely to be fruitful
- bb) there is something contradictory about management that makes it elude a definite definition

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**148- Why does the author quote Jonas Salk in paragraph 2?**

- y) To support the point that rational analysis is not to be discarded altogether
- z) To demonstrate that the scientific approach is the same regardless of the discipline involved
- aa) To stress the point that advances made in one field of study should be disregarded by those in other branches of science
- bb) To substantiate the fact that those who utilize the rational model in their management style are not to be censured as severely as they have been

**149- According to the passage, those who object to the intuitive model of decision making believe that it is flawed in that -----.**

- y) intuition varies from person to person
- z) intuitive processes cannot be subjected to scientific analysis
- aa) intuition-based decisions have most often turned out to be wrong
- bb) the very existence of intuition has yet not been verified by cognitive science

**150- Which of the following rhetorical techniques has NOT been used in the development of the topic in the passage?**

- y) Appeal to authority
- z) Cause and effect
- aa) Factual information
- bb) Process time order

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### Part A. Grammar

**Directions:** Select the answer choice (a), (b), (c), or (d) that could best complete the blank in the following questions. Then mark your answer on your answer sheet.

**131- If you know little about the ocean and oceanography, ----- MacLeish's (1989) book *The Gulf Stream: Encounters With the Blue God*, especially his Chapter 4 on "Reading the Ocean."**

- a) you are suggested begin by reading
- b) a beginning to suggest reading
- c) I suggest you begin by reading
- d) suggested for reading by

**132- But Condillac maintained that though the combination of smell, hearing, taste and sight multiplies the objects of a man's attention, desires and pleasures, -----.**

- a) and that a judgment of externality is to be produced
- b) it does not produce a judgment of externality
- c) and then to produce a judgment of externality
- d) as well as a judgment of externality

**133- We have seen that all three thinkers whom we have considered in this chapter not only opposed the rationalism of the Enlightenment ----- criticism the new critical philosophy of Kant.**

- a) but also subjected to
- b) but were the subject of
- c) subjected not only to
- d) they but also subjected to

**134- -----, physicists realized that it still needed to be modified for the same reason that Einstein had to restate Newton's laws in his theory of relativity.**

- a) It seemed as successful so to be
- b) As successful the theory seemed it was
- c) Seeming to be a successful theory as well
- d) As successful as the theory seemed to be

**135- The researchers speculated that the lack of student involvement was due to many factors including a lack of computer availability, a preference for oral communications versus written prose, and ----- rewarding student participation on the board with sufficient academic credit.**

- a) perceived that instructors not being
- b) that the instructors did not perceive
- c) the perception that instructors were not
- d) perceived that the instructors' not

**136- Under the auspices of the Commonwealth Association of Architects, ----- in the emergent independent African states once under British rule partake in academic exchange and scrutiny of their teaching programs by accreditation boards.**

- a) those schools of architecture established

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- b) architecture established by those schools
- c) established by those schools of architecture
- d) those schools of architecture were established

**137- By contrast to necrosis, which is a nonphysiologic accidental cell death resulting from irreversible cell injury, ----- and is an active process initiated by external signals or intrinsic events, such as DNA-damage or irreparable stress at cellular organelles.**

- a) generic cell-suicide program, being apoptosis, takes place
- b) apoptosis takes place according to a genetic cell-suicide program
- c) according to whose genetic cell-suicide program, apoptosis, takes place
- d) in which takes place apoptosis according to a genetic cell-suicide program

**138- Only when total production expands faster than the rate of labor force growth plus the rate of productivity increase and minus the rate at which average annual hours fall - -----.**

- a) does the unemployment rate fall
- b) the unemployment rate does fall
- c) so does the unemployment fall
- d) the unemployment does too

#### Part B. Vocabulary

**Directions: Select the answer choice (a), (b), (c), or (d) that could best complete the blank in the following questions. Then mark your answer on your answer sheet.**

**139- The lacrosse player's ----- attitude toward school may someday interfere with his dream of playing the sport in college.**

- a) ineffable
- b) corporeal
- c) demonstrative
- d) disparaging

**140- This project was ----- off on us because everyone believed it was impossible and because we were considered the worst department in the organization.**

- a) deluged
- b) exuded
- c) foisted
- d) intruded

**141- Jayson's ----- attire was always a welcome sight, especially in comparison to those of his friends who didn't seem to care about their appearance.**

- a) natty
- b) jaded
- c) inviolate
- d) garish

**142- When caught doing wrong, some teens ----- their explanation of events, hoping parents won't quite understand.**

- a) expiate
- b) obfuscate
- c) purport

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d) remonstrate with

**143- Overcoming overeating may be a powerful way for some women to break a long habit of ----- eating.**

- a) fortuitous
- b) puerile
- c) miserly
- d) compulsive

**144- Have there been no enemies that loomed large at one point, but now have they been tamed and even completely -----?**

- a) flabbergasted
- b) vanquished
- c) intimidated
- d) implored

**145- The salesmen in that clothing store are so ----- that it is impossible to even look at a garment without being harassed by their efforts to convince you to purchase.**

- a) assiduous
- b) amiable
- c) aggressive
- d) adventitious

**146- Leslie Lemke is a musical ----- . At the age of 14 he played, flawlessly and without hesitation, Tchaikovsky's Piano Concerto No. 1 after hearing it for the first time while listening to a television movie several hours earlier.**

- a) virtuoso
- b) visionary
- c) zenith
- d) maverick

**147- On another night Niko would probably have laughed at the stand-up comedian's jokes, but he was not in a very ----- mood the day he learned about his low grade in physics.**

- a) fickle
- b) risible
- c) execrable
- d) arrant

**148- "Those boys are so -----!" Julianne whispered to Maggie. "All they do is sit around, scratching their bellies and eating peanuts with their fingers. They're like a bunch of apes."**

- a) tawdry
- b) impartial
- c) bumptious
- d) atavistic

**149- Every evening after a light supper, Mr. Bartleby takes a constitutional, during which he ----- the streets along the waterfront and watches the ships unload their cargo.**

- a) haunts
- b) prattles
- c) perambulates

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d) veers

**150- While the locals are reassured by international aid and the presence of specialists, they also look to other sources of -----.**

- a) succor
- b) trepidation
- c) reservation
- d) concord

### Part C. Reading Comprehension

**Directions: Read the following two passages and select the choice (a), (b), (c), or (d) that best answers each question. Then mark your answer on your answer sheet.**

#### Passage 1:

There is a further reason why thinking philosophically can be a valuable exercise. The activity of philosophizing can help to foster important thinking skills, skills we all need if we are to remain sensitive to the truth. They are often highly transferable skills that never go out of date. The ability to spot a logical howler, cut through waffle, be relevant, make a point clearly and precisely, and so on are all abilities that always come in handy, whatever your walk of life. Certainly these skills are often of use to professionals, which is why many businesses place great value on an academic qualification in philosophy.

The critical skills developed by philosophy are of practical benefit in other ways, too. They help to immunize us against the wiles of politicians, medical quacks, second-hand car salesmen, lifestyle gurus, and the many other purveyors of snake oil. There are certain basic mistakes we are all prone to make when it comes to weighing up probabilities and drawing conclusions, and even a little exposure to philosophical and critical thinking can contribute toward making us less vulnerable.

Indeed, there is growing evidence that encouraging collective philosophical debate in the classroom can have measurable educational benefits for children, enhancing not just their intellectual intelligence, but their social and emotional intelligence, too. It seems that even a little exposure to philosophy early on can be a profoundly life enhancing thing.

**151- The passage most probably continues with a discussion of -----.**

- a) why people need to know about the ways to enhance the quality of school performance
- b) a summary of methods philosophers deploy to reap the innumerable educational merits of their discipline
- c) why philosophy, if put to use in schools, can actually augment children's multi-faceted intelligence
- d) a number of case studies delineating the way a little exposure of preschool kids to philosophy can pave the way for a far better educational success

**152- It can be understood from the passage that thinking skills -----.**

- a) are a prerequisite to philosophizing
- b) can, when one is equipped with them, act like a shield against imposture
- c) become antediluvian if they are acquired but not applied
- d) are not of much utility to people from all walks of life

**153- Which of the following best describes the function of paragraph 2 in relation to paragraph 1?**

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- a) It further buttresses the claim made in paragraph 1 by enumerating a number of ways in which critical thinking may come handy.
- b) It qualifies the themes of paragraph 1 by pointing out that any useful skill can be abused.
- c) It raises doubts about the assertion made in paragraph 1 by citing some counter examples.
- d) It cautions against any exaggeration of the main point of paragraph 1.

**154- All of the following can be inferred from the passage to be contributions of critical thinking EXCEPT that it -----.**

- a) empowers people to present more focused and relevant arguments
- b) enables the possessor to detect specious reasoning in arguments
- c) acts as an immunization tool to counter hucksterism
- d) makes kids educational critics early on in life

**Passage 2:**

Sir Francis Galton made the first scientific attempt to measure intelligence. Between 1884 and 1890 Galton ran a service at the South Kensington Museum in London, where, for a small fee, people could have their intelligence checked. The only problem was that Galton's tests were ill chosen. For example, he contrived a whistle that would tell him the highest pitch a person could perceive. Another test used several cases of gun cartridges filled with layers of shot, wool or wadding. The cases were identical in appearance and differed only in weight. The test was to pick up the cartridges and then to discriminate the lighter from the heavier. Yet another test was of sensitivity to the smell of roses.

James McKeen Cattell, a psychologist at Columbia University, was so impressed with Galton's work that in 1890 he devised similar tests to be used in the U.S. Unfortunately for him, a student of his, Clark Wissler, decided to see whether scores on such tests were actually meaningful. In particular, he wanted to know if the scores were related either to one another or to college grades. The answer to both questions proved to be no -- so if the tests didn't predict school performance or even each other, of what use were they? Understandably, interest in Galton's and Cattell's tests waned.

A Frenchman, Alfred Binet, got off to a better start. Commissioned to devise a means to predict school performance, he cast around for test items. Together with his colleague Theodore Simon, he developed a test of intelligence, published in 1905, that measured things such as vocabulary ("What does misanthrope mean?"), comprehension ("Why do people sometimes borrow money?"), and verbal relations ("What do an orange, an apple and a pear have in common?"). Binet's tests of judgment were so successful at predicting school performance that a variant of them, called the Stanford-Binet Intelligence Scale (fourth edition), is still in use today. (Louis Terman of Stanford University popularized the test in the U.S. -- hence the name.)

A competing test series, the Wechsler Intelligence Scales, measures similar kinds of skills.

It is critical to keep in mind that Binet's mission was linked to school performance and, especially, to distinguishing children who were genuinely mentally retarded from those who had behavior problems but who were able to think just fine. The result was that the tests were designed, and continue to be designed, in ways that at their best predict school performance.

During World War I, intelligence testing really took off: psychologists were asked to develop a method to screen soldiers. That led to the Army Alpha (a verbal test) and Beta (a performance test with pantomimed directions instead of words), which were administered in groups. (Psychologists can now choose between group or individually administered tests, although the

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individual tests generally give more reliable scores.) In 1926 a new test was introduced, the forerunner to today's SAT. Devised by Carl C. Brigham of Princeton University, the test provided verbal and mathematical scores.

**155- What is the best title for the passage?**

- a) Ways to Develop Tests of Intelligence
- b) A Prelude to Intelligence Testing
- c) Intelligence: A Human Construct
- d) Intelligence Testing: Pitfalls

**156- Which of the following best describes the author's attitude towards the examples cited in paragraph 1?**

- a) Irreverent dismissal
- b) Mildly positive
- c) Reluctant support
- d) Reasoned opposition

**157- The passage contains information that would answer which of the following questions?**

**I. Why has the test modeled based on the work done by Alfred Binet survived the panics of time and is still in use today?**

**II. What triggered the decline in the interest in the tests developed by Gattton and Cattell?**

**III. In what profession were the people who developed the Army Alpha?**

- a) I, II, and III
- b) II and III only
- c) I and II only
- d) I only

**158- What is the tone of paragraph 4?**

- a) Inquisitive
- b) Disparaging
- c) Cautionary
- d) Critical and demanding

**159- According to the passage, a test item intended to find out whether the test takers know what "gestation" means is likely to be found in -----.**

- a) tests designed by psychologists as a method to screen soldiers
- b) a test prepared by a student of James McKeen Cattell
- c) tests designed some time during World War I
- d) a test developed in the early 20<sup>th</sup> century

**160- The information in the passage is primarily organized based on what rhetorical technique?**

- a) Comparison and contrast
- b) Chronological time order
- c) Order of importance
- d) Steps in a procedure

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