001. Most of these leaders were involved in public life as reformers, activists working for women's right to vote, or authors, and were not representative at all of the great of ordinary women.

The word 'representative' is closest in meaning to which of following?

- (A) typical
- (B) satisfied
- (C) supportive
- (D) distinctive
- 002. In the United States, Louis Comfort Tiffany (1843-1933) was the most noted exponent of this style, producing a great variety of glass forms and surfaces,

which were widely copied in their time and are highly prized today.

The word "prized" is closest in meaning to which of following?

- (A) valued
- (B) universal
- (C) uncommon
- (D) preserved
- 003. The Art Nouveau style was a major force in the decorative arts from 1895 until 1915, although its influence continued throughout the mid-1920's. It was

eventually to be overtaken by a new school of thought known as Functionalism that had been present since the turn of the century.

The word "overtaken" is closest in meaning to which of following?

- (A) surpassed
- (B) inclined
- (C) expressed
- (D) applied
- 004. During most of their lives, surge glaciers behave like normal glaciers, traveling perhaps only a couple of inches per day. However, at intervals of 10 to 100

years, these glaciers move forward up to 100 times faster than usual.

The word "intervals" is closest in meaning to which of following?

- (A) records
- (B) speeds
- (C) distances
- (D) periods
- 005. The increasing water pressure under the glacier might lift it off its bed, overcoming the friction between ice and rock, thus freeing the glacier, which

rapidly sliders downhill surge glaciers also might be influenced by the climate, volcanic heat, or earthquakes.

The word "freeing" is closest in meaning to which of following?

- (A) pushing
- (B) releasing

- (C) strengthening
- (D) draining

006. A flood of ice would then surge into the Southern Sea. With the continued rise in sea level, more ice would plunge into the ocean, causing sea levels to rise

even higher, which in turn would release more ice and set in motion a vicious cycle.

The word 'plunge' is closest in meaning to which of following?

- (A) drop
- (B) extend
- (C) melt
- (D) drift
- 007. Group members look to instrumental leaders to "get things done." Expressive leadership, on the other hand, is leadership that emphasizes the collective

well-being of a social group's members.

The word "collective" is closest in meaning to which of following?

- (A) necessary
- (B) typical
- (C) group
- (D) particular

008. They offer sympathy when someone experiences difficulties or is subjected to discipline, are quick to lighten a serious moment with humor, and try to resolve

issues that threaten to divide the group.

The word "resolve" is closest in meaning to which of following?

- (A) avoid repeating
- (B) talk about
- (C) avoid thinking about
- (D) find a solution for
- 009. Thousands of tons were extracted before 1875, when it was first noticed that the tar contained fossil remains. Major excavations were undertaken that

established the significance of this remarkable site.

The word "noticed" is closest in meaning to which of following?

- (A) predicted
- (B) announced
- (C) corrected
- (D) observed
- 010. Since then, over 100 tons of fossils, 1.5 million from vertebrates, 2.5 million from invertebrates, have been recovered, often in densely concentrated

tangled masses.

The word "tangled" is closest in meaning to which of following?

- (A) buried beneath
- (B) twisted together
- (C) quickly formed

- (D) easily dated
- 011. The asphalt at La Brea seeps to the surface, especially in the summer, and forms shallow puddles that would often have been concealed by leaves and dust.

The word "concealed" is closest in meaning to which of following?

- (A) highlighted
- (B) covered
- (C) transformed
- (D) contaminated
- 012. The ocean bottom --- a region nearly 2. 5 times greater than the total land area of the Earth --- is a vast frontier that even today is largely unexplored

and uncharted, until about a century ago, the deep-ocean floor was completely inaccessible, hidden beneath waters averaging over 3,600 meters deep.

The word "inaccessible" is closest in meaning to which of following?

- (A) unrecognizable
- (B) unreachable
- (C) unusable
- (D) unsafe
- 013. The DSDP's drill ship, the Glomar Challenger, was able to maintain a steady position on the ocean's surface and drill in very deep waters, extracting samples

of sediments and rock from the ocean floor.

The word "extracting" is closest in meaning to which of following?

- (A) breaking
- (B) locating
- (C) removing
- (D) analyzing
- 014. Today, largely on the strength of evidence gathered during the Glomar Challenger's voyages, nearly all earth scientists agree on the theories of plate

tectonics and continental drift that explain many of the geological processes that shape the Earth. The word "strength" is closest in meaning to which of following?

- (A) basis
- (B) purpose
- (C) discovery
- (D) endurance
- 015. For every three Canadians in 1945, there were over five in 1966. In September 1966 Canada's population passed the 20 million mark. Most of this surging

growth came from natural increase.

The word "surging" is closest in meaning to which of following?

- (A) new
- (B) extra
- (C) accelerating
- (D) surprising

016. When the prairies were being settled, undoubtedly, the good economic conditions of the 1950's supported a growth in the population, but the expansion also

derived from a trend toward earlier marriages and an increase in the average size of families.

The word "trend" is closest in meaning to which of following?

- (A) tendency
- (B) aim
- (C) growth
- (D) directive
- 017. After the peak year of 1957, the birth rate in Canada began to decline. It continued falling until in 1966, it stood at the lowest level in 25 years.

The word "peak" is closest in meaning to which of following?

- (A) pointed
- (B) dismal
- (C) mountain
- (D) maximum
- 018. Although the growth in Canada's population had slowed down by 1966 (the increase the first half of the 1960's was only nine percent) , another large

population wave was coming over the horizon. It would be composed of the children who were born during the period of the high birth rate prior to 1957.

The phrase "prior to" is closest in meaning to which of following?

- (A) behind
- (B) since
- (C) during
- (D) preceding
- 019. Advocates of organic foods --- a term whose meaning varies greatly --- frequently proclaim that such products are safer and more nutritious than others.

The word "Advocates" is closest in meaning to which of following?

- (A) Proponents
- (B) Merchants
- (C) Inspectors
- (D) Consumers
- 020. There are numerous unsubstantiated reports that natural vitamins are superior to synthetic ones, that fertilized eggs are nutritionally superior to

unfertilized eggs, that untreated grains are better than fumigated grains, and the like.

The word "unsubstantiated" is closest in meaning to which of following?

- (A) unbelievable
- (B) uncontested
- (C) unpopular
- (D) unverified
- 021. But in many cases consumers are misled if they believe organic foods can maintain health and provide better nutritional quality than conventionally grown

foods. So there is real cause for concern if consumers, particularly those with limited incomes,

distrust the regular food supply and buy only expensive organic

foods instead.

The word "maintain" is closest in meaning to which of following?

- (A) improve
- (B) monitor
- (C) preserve
- (D) restore
- 022. In addition, there were performers and since considerable importance was attached to avoiding mistakes in the enactment of rites, religious leaders usually

assumed that task.

The word "considerable" is closest in meaning to which of following?

- (A) thoughtful
- (B) substantial
- (C) relational
- (D) ceremonial
- 023. In addition, there were performers and since considerable importance was attached to avoiding mistakes in the enactment of rites, religious leaders usually

assumed that task.

The word "enactment" is closest in meaning to which of following?

- (A) establishment
- (B) performance
- (C) authorization
- (D) season
- 024. Staggering tasks confronted the people of the United States, North and South, when the Civil War ended. About a million and a half soldiers from both sides

had to be demobilized, readjusted to civilian life, and reabsorbed by the devastated economy.

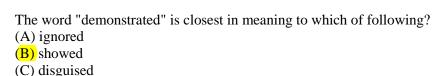
The word "Staggering" is closest in meaning to which of following?

- (A) specialized
- (B) confusing
- (C) various
- (D) overwhelming
- 025. About a million and a half soldiers from both sides had to be demobilized, readjusted to civilian life, and reabsorbed by the devastated economy.

The word "devastated" is closest in meaning to which of following?

- (A) developing
- (B) ruined
- (C) complicated
- (D) fragile
- 026. Some botanists hypothesized that the living cells of plants acted as pumps. But many experiments demonstrated that the stems of plants in which all the cells

are killed can still move water to appreciable heights.



(D) distinguished

027. As water is lost from the surface of the leaves, a negative pressure, or tension, is created. The evaporated water is replaced by water moving from inside

the plant in unbroken columns that extend from the top of a plant to its roots. The same forces that create surface tension in any sample of water are responsible

for the maintenance of these unbroken columns of water.

The word "extend" is closest in meaning to which of following?

- (A) stretch
- (B) branch
- (C) increase
- (D) rotate

028. By opening vast areas of unoccupied land for residential expansion, the omnibuses, horse railways, commuter trains, and electric trolleys pulled settled

regions outward two to four times more distant from city centers than they were in the premodern era.

The word "vast" is closest in meaning to which of following?

- (A) large
- (B) basic
- (C) new
- (D) urban

029. The new accessibility of land around the periphery of almost every major city sparked an explosion of real estate development and fueled what we now know as

urban sprawl. Between 1890 and 1920, for example, some 250,000 new residential lots were recorded within the borders of Chicago, most of them located in outlying

areas.

The word "sparked" is closest in meaning to which of following?

- (A) brought about
- (B) surrounded
- (C) sent out
- (D) followed

030. Anxious to take advantage of the possibilities of commuting, real estate developers added 800,000 potential building sites to the Chicago region in just

thirty years-lots that could have housed five to six million people.

The word "potential" is closest in meaning to which of following?

- (A) certain
- (B) popular
- (C) improved

- (D) possible
- 031. The quality of preservation is outstanding, but what is even more impressive is the number of ichthyosaur fossils containing preserved embryos.

The word "outstanding" is closest in meaning to which of following?

- (A) extensive
- (B) surprising
- (C) vertical
- (D) excellent
- 032. Ichthyosaurs with embryos have been reported from 6 different levels of the shale in a small area around Holzamden, suggesting that a specific site was used

by large numbers of ichthyosaurs repeatedly over time.

The word "site" is closest in meaning to which of following?

- (A) example
- (B) location
- (C) development
- (D) characteristic
- 033. The quality of preservation is almost unmatched, and quarry operations have been carried out carefully with an awareness of the value of the fossils. But

these factors do not account for the interesting question of how there came to be such a concentration of pregnant ichthyosaurs in a particular place very close

to their time of giving birth.

The phrase "account for " is closest in meaning to which of following?

- (A) record
- (B) describe
- (C) equal
- (D) explain
- 034. In the seventeenth century the organ, the clavichord, and the harpsichord became the chief instruments of the keyboard group, a supremacy they maintained

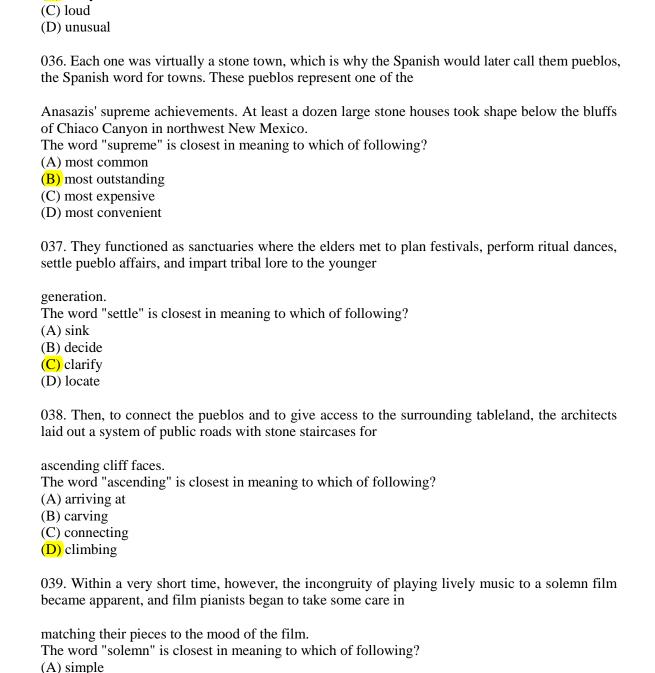
until the piano supplanted them at the end of the eighteenth century.

The words "a supremacy" in line 9 are closest in meaning to

- (A) a suggestion
- (B) an improvement
- (C) a dominance
- (D) a development
- 035. A series of mechanical improvements continuing well into the nineteenth century, including the introduction of pedals to sustain tone or to soften it, the

perfection of a metal frame, and steel wire of the finest quality, finally produced an instrument capable of myriad tonal effects from the most delicate harmonies

to an almost orchestral fullness of sound, from a liquid, singing tone to a ship, percussive brilliance.



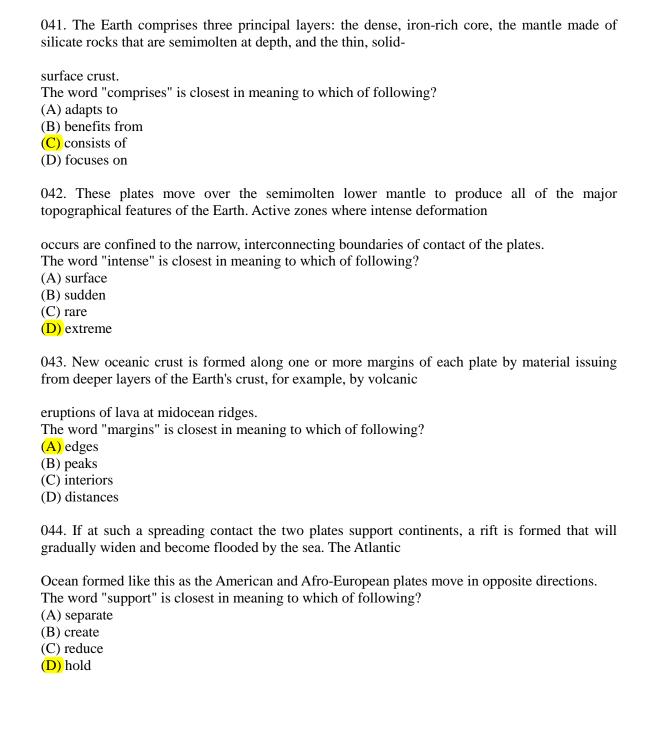
The word "myriad" is closest in meaning to which of following?

(A) noticeable (B) many

040. Certain films had music especially composed for them. The most famous of these early special scores was that composed and arranged for D. W. Griffith's film

Birth of a Nation, which was released in 1915.

(B) serious (C) short (D) silent



The word "composed" is closest in meaning to which of following?

The word "scores" is closest in meaning to which of following?

(A) selected(B) combined(C) played(D) created

(A) totals(B) successes

(C) musical compositions (D) groups of musicians

045. Coincident with concerns about the accelerating loss of species and habitats has been a growing appreciation of the importance of biological diversity, the

number of species in a particular ecosystem, to the health of the Earth and human well-being. The word "appreciation" is closest in meaning to which of following?

- (A) ignorance
- (B) recognition
- (C) tolerance
- (D) forgiveness

046. An alien exploring Earth would probably give priority to the planet's dominant, most-distinctive feature-the ocean. Humans have a bias toward land that

sometimes gets in the way of truly examining global issues.

The word "bias" is closest in meaning to which of following?

- (A) concern
- (B) disadvantage
- (C) attitude
- (D) prejudice

047. The prevailing winds in the Great Basin are from the west. Warm, moist air from the Pacific Ocean is forced upward as it crosses the Sierra Nevada.

The word "prevailing" is closest in meaning to which of following?

- (A) most frequent
- (B) occasional
- (C) gentle
- (D) most dangerous

048. There seem to have been several periods within the last tens of thousands of years when water accumulated in these basins. The rise and fall of the lakes

were undoubtedly linked to the advances and retreats of the great ice sheets that covered much of the northern part of the North American continent during those

times.

The word "accumulated" is closest in meaning to which of following?

- (A) dried
- (B) flooded
- (C) collected
- (D) evaporated

049. All living creature, especially human beings, have their peculiarities, but everything about the little sea cucumber seems unusual. What else can be said

about a bizarre animal that, among other eccentricities, eats mud, feeds almost continuously day and night but can live without eating for long periods, and can

be poisonous but is considered supremely edible by gourmets?

The phrase "bizarre" is closest in meaning to which of following?

(A) odd

(B) marine

- (C) simple
- (D) rare

050. Its major enemies are fish and crabs, when attacked, it squirts all its internal organs into the water. It also casts off attached structures such as

tentacles. The sea cucumber will eviscerate and regenerate itself if it is attacked or even touched; it will do the same if the surrounding water temperature is

too high or if the water becomes too polluted.

The phrase "casts off" is closest in meaning to which of following?

- (A) grows again
- (B) grabs
- (C) gets rid of
- (D) uses as a weapon
- 051. A folk culture is small, isolated, cohesive, conservative, nearly self-sufficient group that is homogeneous in custom and race, with a strong family or clan

structure and highly developed rituals.

The word "homogeneous" is closest in meaning to which of following?

- (A) uniform
- (B) general
- (C) primitive
- (D) traditional
- 052. Unaltered folk cultures no longer exist in industrialized countries such as the United States and Canada. Perhaps the nearest modern equivalent in Anglo-

America is the Amish, a German American farming sect that largely renounces the products and labor saving devices of the industrial age.

The phrase "largely renounces" is closest in meaning to which of following?

- (A) generally rejects
- (B) greatly modifies
- (C) loudly declares
- (D) often criticizes
- 053. Secular institutions, of control such as the police and army take the place of religion and family in maintaining order, and a money-based economy prevails.

Because of these contrasts, "popular" may be viewed as clearly different from "folk".

The word "prevails" is closest in meaning to which of following?

- (A) dominates
- (B) provides
- (C) develops
- (D) invests
- 054. Conventional computer models of the atmosphere have limited value in predicting short-lived local storms like the Edmonton tornado, because the available

weather data are generally not detailed enough to allow computers to discern the subtle

atmospheric changes that precede these storms.

The word "subtle" is closest in meaning to which of following?

- (A) complex
- (B) regular
- (C) imagined
- (D) slight
- 055. Communications satellites can transmit data around the world cheaply and instantaneously, and modern computers can quickly compile and analyzing this large

volume of weather information.

The word "compile" is closest in meaning to which of following?

- (A) put together
- (B) look up
- (C) pile high
- (D) work over
- 056. Meteorologists and computer scientists now work together to design computer programs and video equipment capable of transforming raw weather data into words,

symbols, and vivid graphic displays that forecasters can interpret easily and quickly.

The word "raw" is closest in meaning to which of following?

- (A) stormy
- (B) inaccurate
- (C) uncooked
- (D) unprocessed
- 057. People in the United States in the nineteenth century were haunted by the prospect that unprecedented change in the nation's economy would bring social

chaos.

The word "Prospect" is closest in meaning to which of following?

- (A) regret
- (B) possibility
- (C) theory
- (D) circumstance
- 058. Although the birth rate continued to decline from its high level of the eighteenth and early nineteenth century, the population roughly doubled every

generation during the rest of the nineteenth centuries. As the population grew, its makeup also changed.

The word "roughly" is closest in meaning to which of following?

- (A) harshly
- (B) surprisingly
- (C) slowly
- (D) approximately
- 059. Rapid industrialization and increased geographic mobility in the nineteenth century had special implications for women because these changes tended to

magnify social distinctions. As the roles men and women played in society became more rigidly defined, so did the roles they played in the home.

The word "magnify" is closest in meaning to which of following?

- (A) solve
- (B) explain
- (C) analyze
- (D) increase

The word "distinctions" is closest in meaning to which of following?

- (A) differences
- (B) classes
- (C) accomplishments
- (D) characteristics

060. In science, a theory is a reasonable explanation of observed events that are related. A theory often involves an imaginary model that helps scientists

picture the way an observed event could be produced.

The word "related" is closest in meaning to which of following?

- (A) connected
- (B) described
- (C) completed
- (D) identified
- 061. If observations confirm the scientists' predictions, the theory is supported.

The word "supported" is closest in meaning to which of following?

- (A) finished
- (B) adjusted
- (C) investigated
- (D) upheld

062. The ice trade grew with the growth of cities. Ice was used in hotels, taverns, and hospitals, and by some forward-looking city dealers in fresh meat, fresh

fish, and butter.

The phrase "forward-looking" is closest in meaning to which of following?

- (A) progressive
- (B) popular
- (C) thrifty
- (D) well-established
- 063. Making an efficient icebox was not as easy as we might now suppose. In the early nineteenth century, the knowledge of the physics of heat, which was

essential to a science of refrigeration, was rudimentary.

The word "rudimentary" is closest in meaning to which of following?

- (A) growing
- (B) undeveloped
- (C) necessary
- (D) uninteresting

064. Aside from perpetuating itself, the sole purpose of the American Academy and Institute of Arts and Letters is to "foster, assist and sustain an interest" in

literature, music, and art.

The word "sole" is closest in meaning to which of following?

- (A) only
- (B) honorable
- (C) common
- (D) official

065. One award subsidizes a promising American writer's visit to Rome. There is even an award for a very good work of fiction that failed commercially-once won by

the young John Updike for The Poorhouse Fair and, more recently, by Alice Walker for In Love and Trouble.

The word "subsidizes" is closest in meaning to which of following?

- (A) assures
- (B) finances
- (C) schedules
- (D) publishes

066. Committee membership rotates every year, so that new voices and opinions are constantly heard

The word "rotates" is closest in meaning to which of following?

- (A) alternates
- (B) participates
- (C) decides
- (D) meets

067. One important line of evidence comes from flaking patterns of stone cores used in tool making: implements flaked with a clockwise motion (indicating a

right-handed toolmaker) can be distinguished from hose flaked with a counter-clockwise rotation (indicating a left-handed toolmaker) .

The word "implements" is closest in meaning to which of following?

- (A) tools
- (B) designs
- (C) examples
- (D) pieces

068. Even scratches found on fossil human teeth offer clues. Ancient humans are thought to have cut meat into strips by holding it between their teeth and slicing

it with stone knives, as do the present-day Inuit.

The word "clues" is closest in meaning to which of following?

- (A) solutions
- (B) details
- (C) damage
- (D) information

069. The variation between the hemispheres corresponds to which side of the body is used to

perform specific activities. Such studies, as well as studies of tool

use, indicate that right-or left-sided dominance is not exclusive to modern Homo sapiens.

The word "hemispheres" is closest in meaning to which of following?

- (A) differences
- (B) sides
- (C) activities
- (D) studies
- 070. Plants are subject to attack and infection by a remarkable variety of symbiotic species and have evolved a diverse array of mechanisms designed to frustrate

the potential colonists.

The phrase "subject to" is closest in meaning to which of following?

- (A) susceptible to
- (B) classified by
- (C) attractive to
- (D) strengthened by
- 071. The external surfaces of plants, in addition to being covered by an epidermis and a waxy cuticle, often carry spiky hairs known as trichomes, which either

prevent feeding by insects or may even puncture and kill insect larvae.

The word "puncture" is closest in meaning to which of following?

- (A) pierce
- (B) pinch
- (C) surround
- (D) cover
- 072. Orchids are unique in having the most highly developed of all blossoms, in which the usual male and female reproductive organs are fused in a single

structure called the column.

The word "fused" is closest in meaning to which of following?

- (A) combined
- (B) hidden
- (C) fertilized
- (D) produced
- 073. To lure their pollinators from afar, orchids use appropriately intriguing shapes, colors, and scents. At least 50 different aromatic compounds have been

analyzed in the orchid family, each blended to attract one, or at most a few, species of insects or birds.

The word "lure" is closest in meaning to which of following?

- (A) attract
- (B) recognize
- (C) follow
- (D) help
- 074. Once the right insect has been attracted, some orchids present all sorts of one-way obstacle

courses to make sure it does not leave until pollen has been

accurately placed or removed.

The word "placed" is closest in meaning to which of following?

- (A) estimated
- (B) measured
- (C) deposited
- (D) identified

075. By such ingenious adaptations to specific pollinators, orchids have avoided the hazards of rampant crossbreeding in the wild, assuring the survival of

species as discrete identities. At the same time they have made themselves irresistible to collectors.

The word "discrete" is closest in meaning to which of following?

- (A) complicated
- (B) separate
- (C) inoffensive
- (D) functional

076. The public school system suddenly found itself overtaxed. While the number of schoolchildren rose because of wartime and postwar conditions, these same

conditions made the schools even less prepared to cope with the flood.

The word "overtaxed" is closest in meaning to which of following?

- (A) well prepared
- (B) plentifully supplied
- (C) heavily burdened
- (D) charged too much

077. Therefore, in the 1950's and 1960's, the baby boom hit an antiquated and inadequate school system. Consequently, the "custodial rhetoric" of the 1930's and

early 1940's no longer made sense; that is, keeping youths aged sixteen and older out of the labor market by keeping them in school could no longer be a high

priority for an institution unable to find space and staff to teach younger children aged five to sixteen

The word "inadequate" is closest in meaning to which of following?

- (A) deficient
- (B) expanded
- (C) innovative
- (D) specialized

078. With the baby boom, the focus of educators and of laymen interested in education inevitably turned toward the lower grades and back to basic academic skills

and discipline.

The word "inevitably" is closest in meaning to which of following?

- (A) unwillingly
- (B) impartially

- (C) irrationally
- (D) unavoidably
- 079. Deeply philosophical historians such as Henry Adams lamented the role that the new frenzy for business was playing in eroding traditional values. A distrust

of industry and business continued among writers throughout the rest of the nineteenth century and into the twentieth.

The word "lamented" is closest in meaning to which of following?

- (A) complained about
- (B) analyzed
- (C) explained
- (D) reflected on
- 080. One thinks of melodramas, boys' books, thrillers, romances, and the like rather than novels of the first rank.

The phrase "first rank" is closest in meaning to which of following?

- (A) largest category
- (B) highest quality
- (C) earliest writers
- (D) most difficult language
- 081. These writers, who can genuinely be said to have created a genre, the "railroad novel," are now mostly forgotten, their names having faded from memory.

The words "faded from" in line 21 are closest in meaning to

- (A) grew in
- (B) disappeared from
- (C) remained in
- (D) developed from
- 082. The engine that became standard on western steamboats was of a different and novel design. It was the work primarily of an unsung hero of American industrial

progress, Oliver Evans (1755-1819).

The word "novel" is closest in meaning to which of following?

- (A) fictional
- (B) intricate
- (C) innovative
- (D) powerful
- 083. The self-educated son of a Delaware farmer, Evans early became obsessed by the possibilities of mechanized production and steam power. As early as 1802 he

was using a stationary steam engine of high-pressure design in his mill. Engines of this type were not unknown, but before Evans they were generally considered

impractical and dangerous.

The word "stationary" is closest in meaning to which of following?

- (A) single
- (B) fixed
- (C) locomotive

(D) modified

084. In shallow western rivers the weight of vessel and engine was important; a heavy engine added to the problem of navigation.

The word "vessel" is closest in meaning to which of following?

- (A) fuel
- (B) crew
- (C) cargo
- (D) craft

085. The key concepts emerged about 1957. Townes and Arthur Schawlow, then at Bell Telephone Laboratories, wrote a long paper outlining the conditions needed to

amplify stimulated emission of visible light waves.

The word "emerged" is closest in meaning to which of following?

- (A) increased
- (B) concluded
- (C) succeeded
- (D) appeared

The word "outlining" is closest in meaning to which of following?

- (A) assigning
- (B) studying
- (C) checking
- (D) summarizing

086. On this perfect surface, the artist would sketch a composition with chalk, refine it with inks, and then begin the deliberate process of applying thin layers

of egg tempera paint (egg yolk in which pigments are suspended) with small brushes.

The word "deliberate" is closest in meaning to which of following?

- (A) decisive
- (B) careful
- (C) natural
- (D) unusual

087. The quick-drying tempera demanded that the artist know exactly where each stroke be placed before the brush met the panel, and it required the use of fine

brushes.

The word "demanded" is closest in meaning to which of following?

- (A) ordered
- (B) reported
- (C) required
- (D) questioned

088. The painter or master who is credited with having created the painting may have designed the work and overseen its production, but it is highly unlikely that

the artist's hand applied every stroke of the brush. More likely, numerous assistants, who had been trained to imitate the artist's style, applied the paint.

The word "imitate" is closest in meaning to which of following?

- (A) copy
- (B) illustrate
- (C) promote
- (D) believe in
- 089. On the other hand, when it comes to substantive-particularly behavioral-information, crows are less well known than many comparably common species and, for

that matter, not a few quite uncommon ones: the endangered California condor, to cite one obvious example. There are practical reasons for this.

The word "comparably" is closest in meaning to which of following?

- (A) interestingly
- (B) similarly
- (C) otherwise
- (D) sometimes
- 090. Being so educable, individual birds have markedly different interests and inclinations, strategies and scams.

The word "inclination" is closest in meaning to which of following?

- (A) tricks
- (B) opportunities
- (C) preferences
- (D) experiences
- 091. The confusion and congestion of individual citizens looking for their letters was itself enough to discourage use of the mail. It is no wonder that, during

the years of these cumbersome arrangements, private letter-carrying and express businesses developed.

The word "cumbersome" is closest in meaning to which of following?

- (A) burdensome
- (B) handsome
- (C) loathsome
- (D) quarrelsome
- 092. But this delivery service was at first confined to cities, and free home delivery became a mark of urbanism. As late as 1887, a town had to have 10,000

people to be eligible for free home delivery.

The word "Confined" is closest in meaning to which of following?

- (A) granted
- (B) scheduled
- (C) limited
- (D) recommended
- 093. They were, by training, social scientists, not historians, and their work tended to reflect this bias. The questions they framed and the techniques they used

were designed to help them understand, as scientists, how people behaved.

The word "framed" is closest in meaning to which of following?

- (B) read
- (C) avoided
- (D) posed

094. In Kingston, New York, for example, evidence has been uncovered that indicates that English goods were being smuggled into that city at a time when the Dutch

supposedly controlled trading in the area.

The word "supposedly" is closest in meaning to which of following?

- (A) ruthlessly
- (B) tightly
- (C) barely
- (D) seemingly

095. And in Sacramento an excavation at the site of a fashionable nineteenth-century hotel revealed that garbage had been stashed in the building's basement

despite sanitation laws to the contrary.

The word "sanitation" is closest in meaning to which of following?

- (A) city
- (B) housing
- (C) health
- (D) trade

096. When Jules Verne wrote Journey to the Center of the Earth in 1864, there were many conflicting theories about the nature of the Earth's interior. Some

geologists thought that it contained a highly compressed ball of incandescent gas, while others suspected that it consisted of separate shells, each made of a

different material.

The word "conflicting" is closest in meaning to which of following?

- (A) controlling
- (B) outdated
- (C) opposing
- (D) important

097. Beyond a depth of around 2,900 kilometers, a great change takes place and the mantle gives way to the core. Some seismic waves cannot pass through the core

and others are bent by it. From this and other evidence, geologists conclude that the outer core is probably liquid, with a solid center. It is almost certainly

made of iron, mixed with smaller amount of other elements such as nickel.

The phrase "gives way to" is closest in meaning to which of following?

- (A) runs along
- (B) rubs against
- (C) turns into
- (D) floats on

098. Although scientists can speculate about its nature, neither humans nor machines will ever be

able to visit it.

The word "speculate" is closest in meaning to which of following?

- (A) report
- (B) learn
- (C) worry
- (D) hypothesize
- 099. Farmers could get better prices for their crops if the alternative existed of sending them directly eastward to market, and merchants could sell larger

quantities of their manufactured goods if these could be transported more directly and more economically to the west.

The word "alternative" is closest in meaning to which of following?

- (A) option
- (B) transition
- (C) intention
- (D) authorization
- 100. The distance was more than 350 miles, and there were ridges to cross and a wilderness of woods and swamps to penetrate.

The word "penetrate" is closest in meaning to which of following?

- (A) cut down
- (B) go through
- (C) fill up
- (D) take over
- 101. The range of the New York canal system was still further extended when the states of Ohio and Indiana, inspired by the success of the Erie Canal, provided

water connections between Lake Erie and the Ohio River.

The word "extended" is closest in meaning to which of following?

- (A) increased
- (B) constructed
- (C) deepened
- (D) measured
- 102. The answer lay in a resource that unknowing Americans had trampled underfoot in their haste to cross the "Great American Desert" to reach lands that

sometimes proved barren. In the eastern parts of the United States, the preferred grass for forage was a cultivated plant.

The word "barren" is closest in meaning to which of following?

- (A) lonely
- (B) dangerous
- (C) uncomfortable
- (D) infertile
- 103. In the eastern parts of the United States, the preferred grass for forage was a cultivated plant. It grew well with enough rain, then when cut and stored it

would cure and become nourishing hay for winter feed.

The word "preferred" is closest in meaning to which of following?

- (A) ordinary
- (B) available
- (C) required
- (D) favored

104. They were not juicy like the cultivated eastern grasses, but had short, hard stems.

The word "hard" is closest in meaning to which of following?

- (A) firm
- (B) severe
- (C) difficult
- (D) bitter

105. Nevertheless, most domestic architecture of the first three-quarters of the eighteenth century displays a wide divergence of taste and freedom of application

of the rules laid down in these books.

The word "divergence" is closest in meaning to which of following?

- (A) description
- (B) development
- (C) difference
- (D) display

106. New England still favored wood, though brick houses became common in Boston and other towns, where the danger of fire gave an impetus to the use of more

durable material. A few houses in New England were built of stone, but only in Pennsylvania and adjacent areas was stone widely used in dwellings.

The word "durable" is closest in meaning to which of following?

- (A) attractive
- (B) expensive
- (C) refined
- (D) long-lasting

The word "dwelling" is closest in meaning to which of following?

- (A) houses
- (B) towns
- (C) outbuildings
- (D) rural areas

107. Doorways were larger and more decorative. Fireplaces became decorative features of rooms. Walls were made of plaster or wood, sometimes elaborately paneled.

The word "elaborately" is closest in meaning to which of following?

- (A) done in great detail
- (B) put together carefully
- (C) using many colors
- (D) reinforced structurally

108. Whereas schooling has a certain predictability, education quite often produces surprises. A chance conversation with stranger may lead a person to discover

how little is known of other religions. People are engaged in education from infancy on.

The word "chance" is closest in meaning to which of following?

- (A) unplanned
- (B) unusual
- (C) lengthy
- (D) lively
- 109. Education, then, is a very broad, inclusive term. It is should be an integral part of one's entire life.

The word "integral" is closest in meaning to which of following?

- (A) an equitable
- (B) a profitable
- (C) a pleasant
- (D) an essential
- 110. For example, the edge of the Pacific Ocean has been called the "Ring of Fire" because so many volcanic eruptions and earthquakes happen there. Before the

1960's, geologists could not explain why active volcanoes and strong earthquakes were concentrated in that region.

The word "concentrated" is closest in meaning to which of following?

- (A) allowed
- (B)clustered
- (C) exploded
- (D) strengthened
- 111. In the United States in the early 1800's, individual state governments had more effect on the economy than did the federal government. States chartered

manufacturing, banking, mining, and transportation firms and participated in the construction of various internal improvements such as canals, turnpikes, and

railroads.

The word "effect" is closest in meaning to which of following?

- (A) value
- (B) argument
- (C) influence
- (D) restraint
- 112. The states encouraged internal improvements in two distinct ways: first, by actually establishing state companies to build such improvements; second, by

providing part of the capital for mixed public-private companies setting out to make a profit.

The word "distinct" is closest in meaning to which of following?

- (A) separate
- (B) innovative
- (C) alarming
- (D) provocative
- 113. Finally, state governments experimented with direct labor and business regulation designed

to help the individual laborer or consumer, including setting

maximum limits on hours of work and restrictions on price-fixing by businesses.

The word "setting" is closest in meaning to which of following?

- (A) discussing
- (B) analyzing
- (C) establishing
- (D) avoiding
- 114. Although the states dominated economic activity during this period, the federal government was not inactive. Its goals were the facilitation of western

settlement and the development of native industries. Toward these ends the federal government pursued several courses of action.

The word "ends" is closest in meaning to which of following?

- (A) benefits
- (B) decisions
- (C) services
- (D) goals
- 115. What forms of life were able to make such a drastic change in lifestyle? The traditional view of the first terrestrial organisms is based on mega fossils-

relatively large specimens of essentially whole plants and animals.

The word "drastic" is closest in meaning to which of following?

- (A) widespread
- (B) radical
- (C) progressive
- (D) risky
- 116. It turns out that some fossils can be extracted from these sediments by putting the rocks in an acid bath. The technique has uncovered new evidence from

sediments that were deposited near the shores of the ancient oceans-plant microfossils and microscopic pieces of small animals.

The word "extracted" is closest in meaning to which of following?

- (A) located
- (B) preserved
- (C) removed
- (D) studied
- 117. The technique has uncovered new evidence from sediments that were deposited near the shores of the ancient oceans-plant microfossils and microscopic pieces

of small animals. In many instances the specimens are less than one-tenth of a millimeter in diameter.

The word "instances" is closest in meaning to which of following?

- (A) methods
- (B) processes
- (C) cases
- (D) reasons

118. In many instances the specimens are less than one-tenth of a millimeter in diameter. Although they were entombed in the rocks for hundreds of millions of

years, many of the fossils consist of the organic remains of the organism.

The word "entombed" is closest in meaning to which of following?

- (A) crushed
- (B) trapped
- (C) produced
- (D) excavated
- 119. Citizens of prosperous, essentially middle-class republics --- whether ancient Romans, seventeenth-century Dutch burghers, or nineteenth-century Americans
- --- have always shown a marked taste for portraiture.

The word "marked" is closest in meaning to which of following?

- (A) pronounced
- (B) fortunate
- (C) understandable
- (D) mysterious
- 120. In 1839 the daguerreotype was introduced to America, ushering in the age of photography, and within a generation the new invention put an end to the

popularity of painted portraits. Once again an original portrait became a luxury, commissioned by the wealthy and executed by the professional.

The phrase "ushering in" is closest in meaning to which of following?

- (A) beginning
- (B) demanding
- (C) publishing
- (D) increasing

The word "executed" is closest in meaning to which of following?

- (A) sold
- (B) requested
- (C) admired
- (D) created
- 121. Local crafts people-sign, coach, and house painters-began to paint portraits as a profitable sideline; sometimes a talented man or woman who began by

sketching family members gained a local reputation and was besieged with requests for portraits; artists found it worth their while to pack their paints,

canvases, and brushes and to travel the countryside, often combining house decorating with portrait painting.

The word "sketching" is closest in meaning to which of following?

- (A) drawing
- (B) hiring
- (C) helping
- (D) discussing

122. Both the number and the percentage of people in the United States involved in nonagricultural pursuits expanded rapidly during the half century following the

Civil War, with some of the most dramatic increases occurring in the domains of transportation, manufacturing, and trade and distribution.

The word "domains" is closest in meaning to which of following?

- (A) fields
- (B) locations
- (C) organizations
- (D) occupations
- 123. The development of the railroad and telegraph systems during the middle third of the nineteenth century led to significant improvements in the speed, volume,

and regularity of shipments and communications, making possible a fundamental transformation in the production and distribution of goods.

The word "fundamental" is closest in meaning to which of following?

- (A) possible
- (B) basic
- (C) gradual
- (D) unique
- 124. To be sure, there were still small workshops, where skilled craftspeople manufactured products ranging from newspapers to cabinets to plumbing fixtures.

The word "skilled" is closest in meaning to which of following?

- (A) hardworking
- (B) expert
- (C) well-paid
- (D) industrial
- 125. And there were factories in occupations such as metalwork where individual contractors presided over what were essentially handicraft proprietorships that

coexisted within a single building.

The words "presided over" in line 20 are closest in meaning to

- (A) managed
- (B) led to
- (C) worked in
- (D) produced
- 126. Objects in the universe show a variety of shapes: round planets (some with rings), tailed comets, wispy cosmic gas and dust clouds, ringed nebulae,

pinwheel-shaped spiral galaxies, and so on. But none of the shapes on this list describes the largest single entities in the universe.

The word "entities" is closest in meaning to which of following?

- (A) factors
- (B) processes
- (C) objects
- (D) puzzles

127. Stone carvers engraved their motifs of skulls and crossbones and other religious icons of death into the gray slabs that we still see standing today in old

burial grounds.

The word "motifs" is closest in meaning to which of following?

- (A) tools
- (B) prints
- (C) signatures
- (D) designs
- 128. Although they often achieved expression and formal excellence in their generally primitive style, they remained artisans skilled in the craft of carving and

constituted a group distinct from what we normally think of as "sculptors" in today's use of the word.

The word "distinct" is closest in meaning to which of following?

- (A) separate
- (B) assembled
- (C) notable
- (D) inferior
- 129. On the rare occasion when a fine piece of sculpture was desired, Americans turned to foreign sculptors, as in the 1770's when the cities of New York and

Charleston, South Carolina, commissioned the Englishman Joseph Wilton to make marble statues of William Pill.

The word "rare" is closest in meaning to which of following?

- (A) festive
- (B) infrequent
- (C) delightful
- (D) unexpected
- 130. Desert mammals also depart from the normal mammalian practice of maintaining a constant body temperature. Instead of trying to keep down the body temperature

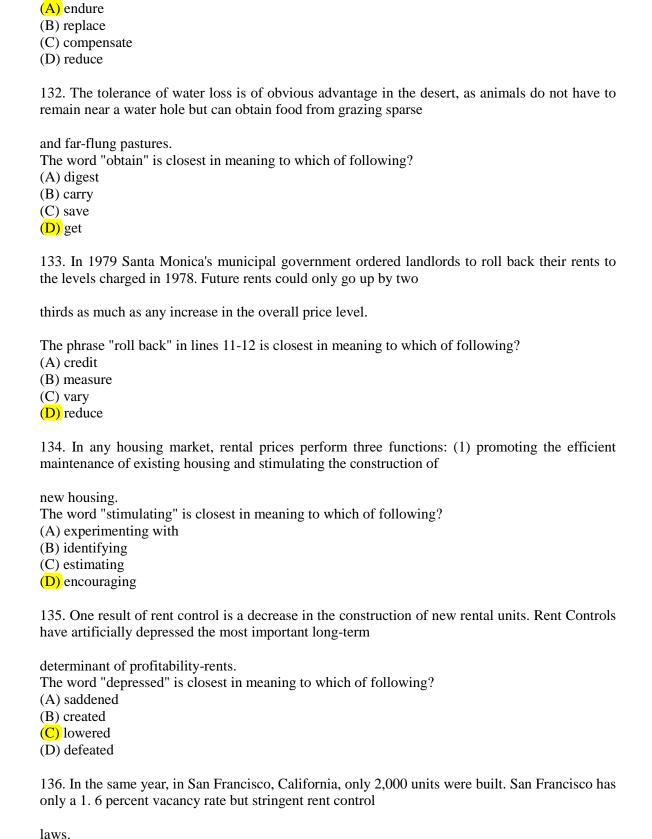
deep inside the body, which would involve the expenditure of water and energy, desert mammals allow their temperatures to rise to what would normally be fever

height, and temperatures as high as 46 degrees Celsius have been measured in Grant's gazelles.

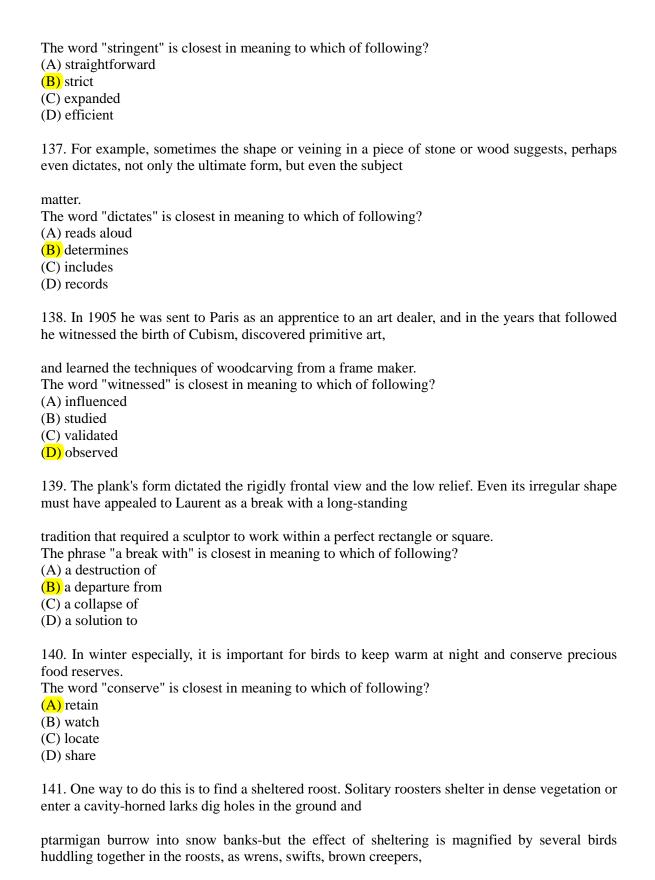
The word "maintaining" is closest in meaning to which of following?

- (A) measuring
- (B) inheriting
- (C) preserving
- (D) delaying
- 131. Another strategy of large desert animals is to tolerate the loss of body water to a point that would be fatal for nonadapted animals. The camel can lose up

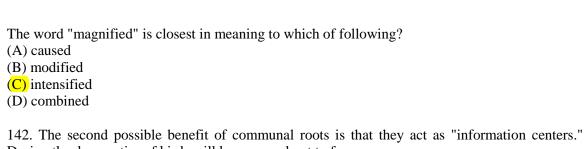
to 30 percent of its body weight as water without harm to itself, whereas human beings die after losing only 12 to 13 percent of their body weight.



The word "tolerate" is closest in meaning to which of following?



bluebirds, and anis do.



During the day, parties of birds will have spread out to forage over

a very large area. When they return in the evening some will have fed well, but others may have found little to eat.

The word "forage" is closest in meaning to which of following?

- (A) fly
- (B) assemble
- (C) feed
- (D) rest
- 143. Finally, there is safety in numbers at communal roosts since there will always be a few birds awake at any given moment to give the alarm. But this increased

protection is partially counteracted by the fact that mass roosts attract predators and are especially vulnerable if they are on the ground.

The word "counteracted" is closest in meaning to which of following?

- (A) suggested
- (B) negated
- (C) measured
- (D) shielded
- 144. Drying, smoking, and salting could preserve meat for a short time, but the availability of fresh meat, like that of fresh milk, was very limited; there was

no way to prevent spoilage.

The word "prevent" is closest in meaning to which of following?

- (A) estimate
- (B) avoid
- (C) correct
- (D) confine
- 145. The icebox became a fixture in most homes and remained so until the mechanized refrigerator replaced it in the 1920's and 1930's. Almost everyone now had a

more diversified diet.

The word "fixture" is closest in meaning to which of following?

- (A) luxury item
- (B) substance
- (C) commonplace object
- (D) mechanical device
- 146. Some people continued to eat mainly foods that were heavy in starches or carbohydrates, and not everyone could afford meat. Nevertheless, many families could

take advantage of previously unavailable fruits, vegetables, and dairy products to achieve more varied fare.

The word "Nevertheless" is closest in meaning to which of following?

- (A) therefore
- (B) because
- (C) occasionally
- (D) however

readily change its orientation, or phase. Cats know this instinctively, but scientists could not be sure how it happened until they increased the speed of their

perceptions a thousand fold.

The word "readily" is closest in meaning to which of following?

- (A) only
- (B) easily
- (C) slowly
- (D) certainly
- 147. The changing profile of a city in the United States is apparent in the shifting definitions used by the United States Bureau of the Census. In 1870 the

census officially distinguished the nation's "urban" from its "rural" population for the first time.

The word "distinguished" is closest in meaning to which of following?

- (A) differentiated
- (B) removed
- (C) honored
- (D) protected
- 148. Each SMSA would contain at least (a) one central city with 50,000 inhabitant or more or (b) two cities having shared boundaries and constituting, for general

economic and social purposes, a single community with a combined population of at least 50,000, the smaller of which must have a population of at least 15,000.

The word "constituting" is closest in meaning to which of following?

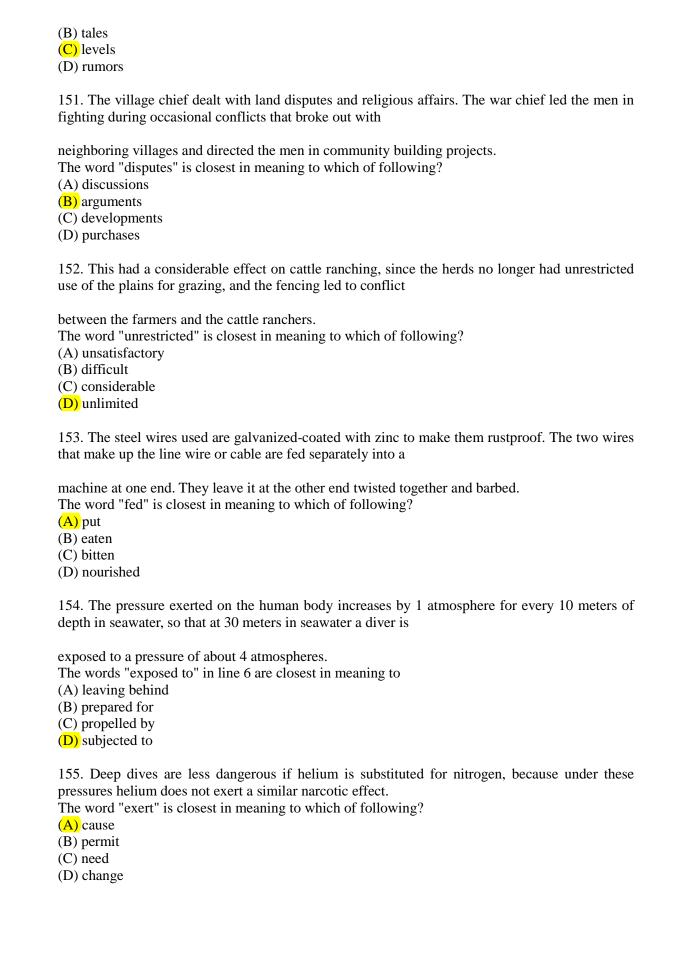
- (A) located near
- (B) determined by
- (C) calling for
- (D) making up
- 149. The Anasazi lived in houses constructed of adobe and wood. Anasazi houses were originally built in pits and were entered from the roof.

The word "pits" is closest in meaning to which of following?

- (A) stages
- (B) scars
- (C) seeds
- (D) holes
- 150. Each kiva had a fire pit and hole that was believed to lead to the underworld. The largest pueblos had five stories and more than 800 rooms.

The word "stories" is closest in meaning to which of following?

(A) articles



156. As a scuba diver descends, the pressure of nitrogen in the lungs increases. Nitrogen then diffuses from the lungs to the blood, and from the blood to body

tissues.

The word "diffuses" is closest in meaning to which of following?

- (A) yields
- (B) starts
- (C) surfaces
- (D) travels
- 157. During ascent from a depth of 10 meters, the volume of air in the lungs will double because the air pressure at the surface is only half of what it was at 10

meters. This change in volume may cause the lungs to distend and even rupture.

The word "rupture" is closest in meaning to which of following?

- (A) hurt
- (B) shrink
- (C) burst
- (D) stop
- 158. In the twentieth century, electron microscopes have provided direct views of viruses and minuscule surface structures. The word "minuscule" is closest in

meaning to which of following?

- (A) circular
- (B) dangerous
- (C) complex
- (D) tiny
- 159. Unlike conventional electron microscopy, x-ray microscopy enables specimens to be kept in air and in water, which means that biological samples can be

studied under conditions similar to their natural state.

The word "enables" is closest in meaning to which of following?

- (A) constitutes
- (B) specifies
- (C) expands
- (D) allows
- 160. Because of the wavelength of the x-rays used, soft x-ray microscopes will never match the highest resolution possible with electron microscopes. Rather,

their special properties will make possible investigations that will complement those performed with light-and electron-based instruments.

The word "Rather" is closest in meaning to which of following?

- (A) significantly
- (B) preferably
- (C) somewhat
- (D) instead

161. What they do is look at familiar conditions from a perspective that makes these conditions seem foolish, harmful, or affected. Satire jars us out of

complacence into a pleasantly shocked realization that many of the values we unquestioningly accept are false.

The word "realization" is closest in meaning to which of following?

- (A) certainty
- (B) awareness
- (C) surprise
- (D) confusion
- 162. It was the manner of expression, the satiric method, that made them interesting and entertaining, satires are read because they are aesthetically satisfying

works of art, not because they are morally wholesome or ethically instructive.

The word "aesthetically" is closest in meaning to which of following?

- (A) artistically
- (B) exceptionally
- (C) realistically
- (D) dependably
- 163. They are stimulating and refreshing because with commonsense briskness they brush away illusions and secondhand opinions.

The word "refreshing" is closest in meaning to which of following?

- (A) popular
- (B) ridiculous
- (C) meaningful
- (D) unusual
- 164. Soldiers rarely hold the ideals that movies attribute to them, nor do ordinary citizens devote their lives to unselfish service of humanity.

The word "devote" is closest in meaning to which of following?

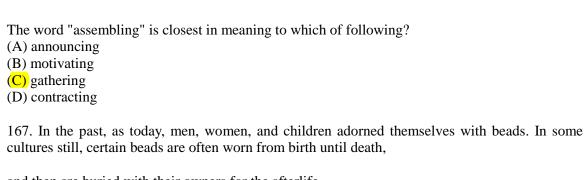
- (A) distinguish
- (B) feel affection
- (C) prefer
- (D) dedicate
- 165. Hotels were among the earliest facilities that bound the United States together. They were both creations and creators of communities, as well as symptoms of

the frenetic quest for community.

The word "bound" is closest in meaning to which of following?

- (A) led
- (B) protected
- (C) tied
- (D) strengthened
- 166. The growing custom of regularly assembling from afar the representatives of all kinds of groups, not only for political conventions, but also for commercial,

professional, learned, and avocational ones... in turn supported the multiplying hotels.



and then are buried with their owners for the afterlife.

The word "adorned" is closest in meaning to which of following?

- (A) protected
- (B) decorated
- (C) purchased
- (D) enjoyed
- 168. Besides their wear ability, either as jewelry or incorporated into articles of attire, beads possess the desirable characteristics of every collectible: they

are durable, portable, available in infinite variety, and often valuable in their original cultural context as well as in today's market.

The word "attire" is closest in meaning to which of following?

- (A) ritual
- (B) importance
- (C) clothing
- (D) history
- 169. Beads are miniature bundles of secrets waiting to be revealed: their history, manufacture, cultural context, economic role, and ornamental use are all points

of information one hopes to unravel.

The word "unravel" is closest in meaning to which of following?

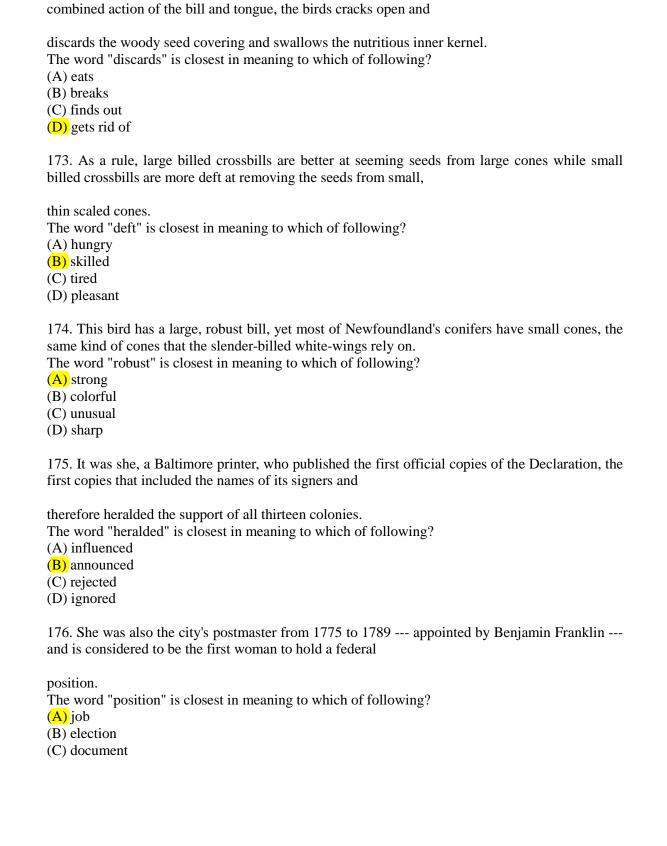
- (A) communicate
- (B) transport
- (C) improve
- (D) discover
- 170. Even the most mundane beads may have traveled great distances and been exposed to many human experiences.

The word "mundane" is closest in meaning to which of following?

- (A) carved
- (B) beautiful
- (C) ordinary
- (D) heavy
- 171. The crossed mandibles enable the birds to exert a powerful biting force at the bill tips, which is critical for maneuvering them between the scales and

spreading the scales apart. Next, the crossbill snakes its long tongue into the gap and draws out the seed.

The word "gap" is closest in meaning to which of following?



172. Next, the crossbill snakes its long tongue into the gap and draws out the seed. Using the

(A) opening
(B) flower
(C) mouth
(D) tree

- (D) location
- 177. Galaxies are the major building blocks of the universe. A galaxy is a giant family of many millions of stars, and it is held together by its own

gravitational field.

The word "major" is closest in meaning to which of following?

- (A) intense
- (B) principal
- (C) lunge
- (D) unique
- 178. The elliptical galaxies have a symmetrical elliptical or spheroidal shape with no obvious structure. Most of their member stars are very old and since

elliptical are devoid of interstellar gas, no new stars are forming in them.

The word "symmetrical" is closest in meaning to which of following?

- (A) proportionally balanced
- (B) commonly seen
- (C) typically large
- (D) steadily growing

The word "obvious" is closest in meaning to which of following?

- (A) discovered
- (B) apparent
- (C) understood
- (D) simplistic
- 179. Their light was already halfway here before the Earth even formed. The light from the nearby Virgo galaxy set out when reptiles still dominated the animal

world.

The word "dominated" is closest in meaning to which of following?

- (A) threatened
- (B) replaced
- (C) were developing in
- (D) were prevalent in
- 180. This meant that wagon freighting, stage coaching and steam boating did not come to an end when the first train appeared; rather they became supplements or

feeders.

The word "supplements" is closest in meaning to which of following?

- (A) extensions
- (B) reformers
- (C) dependents
- (D) influences
- 181. Wagon freighters continued operating throughout the 1870's and 1880's and into the 1890's, although over constantly shrinking routes, and coaches and wagons

continued to crisscross the West wherever the rails had not yet been laid.

The word "crisscross" is closest in meaning to which of following?

- (A) lead the way
- (B) separate
- (C) move back and forth
- (D) uncover
- 182. The primary reason was skepticism that a railroad built through so challenging and thinly settled a stretch of desert, mountain, and semiarid plain could pay

a profit.

The word "skepticism" is closest in meaning to which of following?

- (A) doubt
- (B) amazement
- (C) urgency
- (D) determination
- 183. In discussing the Pacific Railroad bill, the chair of the congressional committee bluntly stated that without government subsidy no one would undertake so

unpromising a venture; yet it was a national necessity to link East and West together.

The word "subsidy" is closest in meaning to which of following?

- (A) persuasion
- (B) financing
- (C) explanation
- (D) penalty
- 184. However, the concept of number and the counting process developed so long before the time of recorded history (there is chaeological evidence that counting

was employed by humans as far back as 50,000 years ago) that the manner of this development is largely conjectural.

The word "conjectural" is closest in meaning to which of following?

- (A) complex
- (B) based on guessing
- (C) unbelievable
- (D) supported by careful research
- 185. Probably the earliest way of keeping a count was by some simple tally method, employing the principle of one-to-one correspondence. In keeping a count of

sheep, for example, one finger per sheep could be turned under.

The word "employing" is closest in meaning to which of following?

- (A) using
- (B) paying
- (C) focusing
- (D) hiring
- 186. Counts could also be maintained by making scratches in the dirt or on a stone, by cutting notches in a piece of wood, or by tying knots in a string.

The word "maintained" is closest in meaning to which of following?

- (A) justified (B) asserted (C) located (D) kept 187. Then, p number of old (D) the control of th
- 187. Then, perhaps later, an assortment of vocal sounds was developed as a word tally against the number of objects in a small group.

The word "assortment" is closest in meaning to which of following?

- (A) instrument
- (B) variety
- (C) surplus
- (D) symbol
- 188. Their products, primarily silver plates and bowls, reflected their exalted status and testified to their customers' prominence.

The word "exalted" is closest in meaning to which of following?

- (A) unusual
- (B) uncertain
- (C) surprising
- (D) superior
- 189. Colonial coppersmithing also came of age in the early eighteenth century and prospered in northern cities.

The phrase "came of age" is closest in meaning to which of following?

- (A) established itself
- (B) declined
- (C) became less expensive
- (D) was studied
- 190. Fossils are the remains and traces (such as footprints or other marks) of ancient plant and animal life that are more than 10,000 years old.

The word "traces" is closest in meaning to which of following?

- (A) structures
- (B) importance
- (C) skeletons
- (D) imprints
- 191. The woolly mammoth, a long-haired rhinoceros, and other mammals have been periodically exposed in the tundra of Siberia, the hair and red flesh still frozen

in cold storage.

The word "exposed" is closest in meaning to which of following?

- (A) photographed
- (B) uncovered
- (C) located
- (D) preserved
- 192. A useful definition of an air pollutant is a compound added directly or indirectly by humans to the atmosphere in such quantities as to affect humans,

animals, vegetation, or materials adversely.

The word "adversely" is closest in meaning to which of following?

(A) negatively
(B) quickly
(C) admittedly
(D) considerably

193. As the Earth developed, the concentrations of these pollutants were altered by various chemical reactions; they became components in biogeochemical cycles.

The word "altered" is closest in meaning to which of following?

- (A) eliminated
- (B) caused
- (C) slowed
- (D) changed
- 194. The result is an increased concentration of noxious chemicals in the air. The concentrations at which the adverse effects appear will be greater than the

concentrations that the pollutants would have in the absence of human activities.

The word "noxious" is closest in meaning to which of following?

- (A) harmful
- (B) noticeable
- (C) extensive
- (D) weak
- 195. The actual concentration need not be large for a substance to be a pollutant; in fact the numerical value tells us little until we know how much of an

increase this represents over the concentration that would occur naturally in the area. For example, sulfur dioxide has detectable health effects at 0. 08 parts

per million (ppm), which is about 400 times its natural level.

The word "detectable" is closest in meaning to which of following?

- (A) beneficial
- (B) special
- (C) measurable
- (D) separable
- 196. The acute, growing public awareness of the social changes that had been taking place for some time was tied to tremendous growth in popular journalism in the

late nineteenth century, including growth in quantity and circulation of both magazines and newspapers.

The word "acute" is closest in meaning to which of following?

- (A) useful
- (B) intense
- (C) genuine
- (D) controversial
- 197. Furthermore, the introduction in 1890 of the first successful linotype machine promised even further growth. In 1872 only two daily newspapers could claim a

circulation of over 100,000, but by 1892 seven more newspapers exceeded that figure. A world beyond the immediate community was rapidly becoming visible.

The word "exceeded" is closest in meaning to which of following?

- (A) controlled
- (B) surpassed
- (C) affected
- (D) equaled
- 198. Magazines as they are known today began publication around 1882, and, in fact, the circulation of weekly magazines exceeded that of newspapers in the period

which followed. By 1892, for example, the circulation of the Ladies' Home Journal had reached an astounding 700,000.

The word "astounding" is closest in meaning to which of following?

- (A) surprising
- (B) estimated
- (C) encouraging
- (D) sudden
- 199. It is lightweight, impermeable to liquids, readily cleaned and reused, durable yet fragile, and often very beautiful.

The word "durable" is closest in meaning to which of following?

- (A) lasting
- (B) delicate
- (C) heavy
- (D) plain
- 200. In effect, as molten glass cools, it progressively stiffens until rigid, but does so without setting up a network of interlocking crystals customarily

associated with that process.

The word "customarily" is closest in meaning to which of following?

- (A) naturally
- (B) necessarily
- (C) usually
- (D) certainly
- 201. This is why glass shatters so easily when dealt a blow, why glass deteriorates over time, especially when exposed to moisture, and why glassware must be

slowly reheated and uniformly cooled after manufacture to release internal stresses induced by uneven cooling.

The words "exposed to" in line 19 are closest in meaning to

- (A) hardened by
- (B) chilled with
- (C) subjected to
- (D) deprived of
- 202. This is why glass shatters so easily when dealt a blow, why glass deteriorates over time, especially when exposed to moisture, and why glassware must be

slowly reheated and uniformly cooled after manufacture to release internal stresses induced by uneven cooling.

The word "induced" is closest in meaning to which of following?

- (A) joined
- (B) missed
- (C) caused
- (D) lost

203. The best-known specimens are the remarkable tracks discovered at Lactoli, Tanzania, by Mary Leakey.

The word "remarkable" is closest in meaning to which of following?

- (A) extraordinary
- (B) enormous
- (C) various
- (D) orderly

204. The pressures exerted along the foot, together with the length of stride, which averaged 87 centimeters, indicated that the hominids had been walking slowly.

In short, all the detectable morphological features implied that the feet that left the footprints were very little different from those of contemporary humans.

The word "exerted" is closest in meaning to which of following?

- (A) influenced
- (B) applied
- (C) returned
- (D) lessened

205. The study of fossil footprints is not restricted to examples from such remote periods. Hundreds of prints are known, for example, in French caves dating from

the end of the last ice age, approximately 10, 000 years ago.

The word "restricted" is closest in meaning to which of following?

- (A) limited
- (B) improved
- (C) continued
- (D) succeeded

206. The livelihood of each species in the vast and intricate assemblage of living things depends on the existence of other organisms.

The word "intricate" is closest in meaning to which of following?

- (A) difficult
- (B) widespread
- (C) critical
- (D) complex

207. A multitude of microorganisms (including viruses and bacteria) and an army of invertebrates

The expression "an army" is closest in meaning to which of following?

- (A) an illness
- (B) an attack
- (C) a large number

- (D) a distinct type
- 208. Members of the animal kingdom have developed a variety of defense mechanisms for dealing with parasites. Although these mechanisms vary considerably, all

major groups of animals are capable of detecting and reacting to the presence of "foreign" cells. The word "vary" is closest in meaning to which of following?

- (A) differ
- (B) endure
- (C) balance
- (D) contribute
- 209. Unimprovised, completely structured jazz does exist, but the ability of the best jazz musicians to create music of great cohesion and beauty during a

performance has been a hallmark of the music and its major source of inspiration and change.

The word "cohesion" is closest in meaning to which of following?

- (A) sorrow
- (B) fame
- (C) unity
- (D) vibration
- 210. The second distinguishing characteristic of jazz is a rhythmic drive that was initially called "hot" and later "swing."

The word "initially" is closest in meaning to which of following?

- (A) at first
- (B) shortly
- (C) alphabetically
- (D) in fact
- 211. In playing hot, a musician consciously departs from strict meter to create a relaxed sense of phrasing that also emphasizes the underlying rhythms.

The word "consciously" is closest in meaning to which of following?

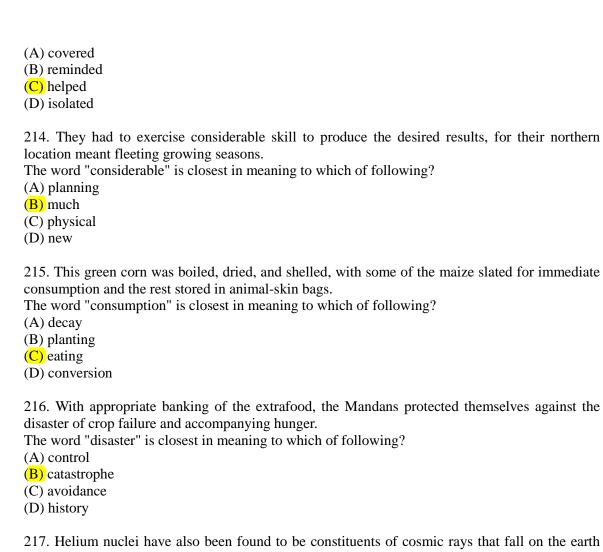
- (A) carelessly
- (B) easily
- (C) periodically
- (D) purposely
- 212. Not all jazz is hot, however; many early bands played unadorned published arrangements of popular songs.

The word "unadorned" is closest in meaning to which of following?

- (A) lovely
- (B) plain
- (C) disorganized
- (D) inexpensive
- 213. The tight arrangement enabled the Mandans to protect themselves more easily from the attacks of others who might seek to obtain some of the food these highly

capable farmers stored from one years to the next.

The word "enabled" is closest in meaning to which of following?



217. Helium nuclei have also been found to be constituents of cosmic rays that fall on the earth (cosmic "rays" are not really a form of radiation; they consist

of rapidly moving particles of numerous different kinds).

The word "constituents" is closest in meaning to which of following?

- (A) relatives
- (B) causes
- (C) components
- (D) targets
- 218. Its relative abundance never seems to vary much. In some places, there may be slightly more of it; in others, slightly less, but the ratio of helium to

hydrogen nucleial ways remains about the same.

The word "vary" is closest in meaning to which of following?

- (A) mean
- (B) stretch
- (C) change
- (D) include
- 219. However, the amount of helium that could have been produced in this manner can be calculated, and it turns out to be no more than a few percent.

The word "calculated" is closest in meaning to which of following?

(A) ignored
(B) converted
(C) increased
(D) determined

220. By the time the universe was a few minutes old, helium production has effectively ceased.

The word "ceased" is closest in meaning to which of following?

- (A) extended
- (B) performed
- (C) taken hold
- (D) stopped
- 221. Wealthy and socially prominent settlers made quilts of the English type, cut from large lengths of cloth of the same color and texture rather than stitched

together from smaller pieces.

The word "prominent" is closest in meaning to which of following?

- (A) isolated
- (B) concerned
- (C) generous
- (D) distinguished
- 222. This term was usually applied to a fabric of wool and linen used in heavy clothing and quilted petticoats worn in the wintertime.

The phrase "applied to" is closest in meaning to which of following?

- (A) sewn onto
- (B) compared to
- (C) used for
- (D) written down on
- 223. Rather, they were made of a top layer of woolen or glazed worsted wool fabric, consisting of smooth, compact yarn from long wool fibers, dyed dark blue,

green, or brown with a bottom layer of a coarser woolen material, either natural or a shade of vellow.

The word "coarser" is closest in meaning to which of following?

- (A) older
- (B) less heavy
- (C) more attractive
- (D) rougher
- 224. The linsey-woolsey covering was found in the colder regions of the country because of the warmth it afforded.

The word "afforded" is closest in meaning to which of following?

- (A) provided
- (B) spent
- (C) avoided
- (D) absorbed
- 225. Growing tightly packed together and collectively weaving a dense canopy of branches, a

stand of red alder trees can totally dominate a site to the exclusion

of almost everything else.

The word "dense" is closest in meaning to which of following?

- (A) dark
- (B) tall
- (C) thick
- (D) broad
- 226. Farm dwellers in their isolation not only found it harder to locate companions in play but also, thanks to the unending demands and pressures of their work,

felt it necessary to combine fun with purpose.

The phrase "thanks to " is closest in meaning to which of following?

- (A) grateful for
- (B) help with
- (C) because of
- (D) machines for
- 227. The most eagerly anticipated social events were the rural fairs. Hundreds of men, women, and children attended from far and near.

The phrase "eagerly anticipated" is closest in meaning to which of following?

- (A) well organized
- (B) old-fashioned
- (C) strongly opposed
- (D) looked forward to
- 228. Although the phlogiston theory was self-consistent, it was awkward because it required that imaginative, even mysterious, properties be ascribed to

phlogiston.

The word "properties" is closest in meaning to which of following?

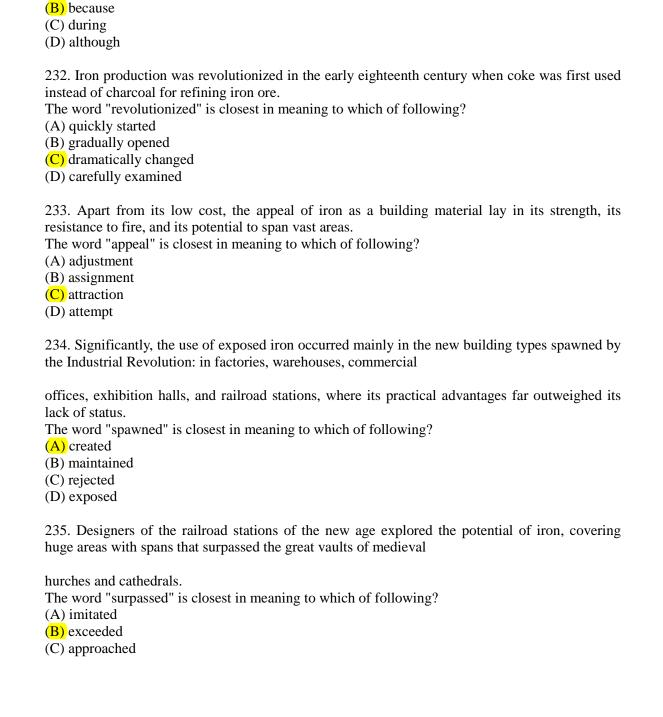
- (A) interpretations
- (B) locations
- (C) characteristics
- (D) virtues
- 229. Although the phlogiston theory was self-consistent, it was awkward because it required that imaginative, even mysterious, properties be ascribed to

phlogiston.

The phrase "ascribed to" is closest in meaning to which of following?

- (A) analyzed and isolated in
- (B) returned to their original condition in
- (C) assumed to be true of
- (E) diagrammed with
- 230. In the eighteenth century, Antoine Lavoisier, on the basis of careful experimentation was led to propose a different theory of burning, one that required a

constituent of air-later shown to be oxygen-for combustion.



231. Since the weight of the oxygen is always added, the weight of the products of combustion,

The word "constituent" is closest in meaning to which of following?

including the evolved gases, would always be greater than the

The word "Since" is closest in meaning to which of following?

(A) component(B) opposite(C) principle(D) temperature

(A) later

weight of the starting material.

- (D) included
- 236. Their composition is thought to be similar to that of Earth's iron core, and indeed they might have once made up the core of a large planetoid that

disintegrated long ago.

The word "core" is closest in meaning to which of following?

- (A) center
- (B) surface
- (C) mineral
- (D) field
- 237. When meteorites fall on the continent, they are embedded in the moving ice sheets. At places where the glaciers move upward against mountain ranges,

meteorites are left exposed on the surface.

The word "embedded" is closest in meaning to which of following?

- (A) isolated
- (B) encased
- (C) enhanced
- (D) enlarged
- 238. The pale, smooth desert plain provides a perfect backdrop for spotting meteorites, which are usually dark brown of black.

The word "spotting" is closest in meaning to which of following?

- (A) removing
- (B) identifying
- (C) cooling
- (D) falling
- 239. A pioneering set of experiments has been important in the revolution in our understanding of animal behavior-a revolution that eroded the behaviorist dogma

that only humans have minds.

The word "dogma" is closest in meaning to which of following?

- (A) evaluation
- (B) proof
- (C) intention
- (D) belief
- 240. These experiments were designed to detect consciousness ---

The word "detect" is closest in meaning to which of following?

- (A) imitate the behavior of
- (B) provide a reason for
- (C) discover the presence of
- (D) report a need for
- 241. The scientific investigation of an experience as private as consciousness is frustratingly beyond the usual tools of the experimental psychologist. This may

be one reason that many researchers have shied away from the notion of mind and consciousness

in nonhuman animals.

The phrase "shied away from" is closest in meaning to which of following?

- (A) approached
- (B) avoided
- (C) respected
- (D) allowed
- 242. Gallup' report of the experiment, published in a 1970 article, was a milestone in our understanding of animal minds, and psychologists wondered how

widespread self-recognition would prove to be.

The word "milestone" is closest in meaning to which of following?

- (A) significant development
- (B) initial step
- (C) universal concept
- (D) obstruction to progress
- 243. Biological diversity has become widely recognized as a critical conservation issue only in the past two decades.

The word "critical" is closest in meaning to which of following?

- (A) negative
- (B) essential
- (C) interesting
- (D) complicated
- 244. The high rate of species extinctions in these environments is jolting, but it is important to recognize the significance of biological diversity in all

ecosystems.

The word "jolting" is closest in meaning to which of following?

- (A) predicted
- (B) shocking
- (C) unknown
- (D) illuminating
- 245. However, nothing has ever equaled the magnitude and speed with which the human species is altering the physical and chemical world and demolishing the

environment.

The word "magnitude" is closest in meaning to which of following?

- (A) concern
- (B) determination
- (C) carelessness
- (D) extent
- 246. The conservatism of the early English colonists in North American, their strong attachment to the English way of doing things, would play a major part in the

furniture that was made in New England.

The phrase "attachment to " is closest in meaning to which of following?

(A) control of

- (B) distance from
- (C) curiosity about
- (D) preference for
- 247. The mortise is the hole chiseled and cut into one piece of wood, while the tenon is the tongue of protruding element shaped from another piece of wood so

that it fits into the mortise; and another small hole is then drilled (with the auger) through the mortised end and the tenon so that a whittled peg can secure

the joint-thus the term "joiner.鈥?br /> The word "protruding" is closest in meaning to which of following?

- (A) parallel
- (B) simple
- (C) projecting
- (D) important
- 248. Locks and escutcheon plates-the latter to shield the wood from the metal key-would often be imported.

The word "shield" in line 23 closest in meaning to

- (A) decorate
- (B) copy
- (C) shape
- (D) protect
- 249. The establishment of these posts opened new roads and provided for the protection of daring adventurers and expeditions as well as established settlers.

The word "daring" is closest in meaning to which of following?

- (A) lost
- (B) bold
- (C) lively
- (D) foolish
- 250. Throughout the wilderness, post bands provided entertainment and boosted morale.

The word "boosted" is closest in meaning to which of following?

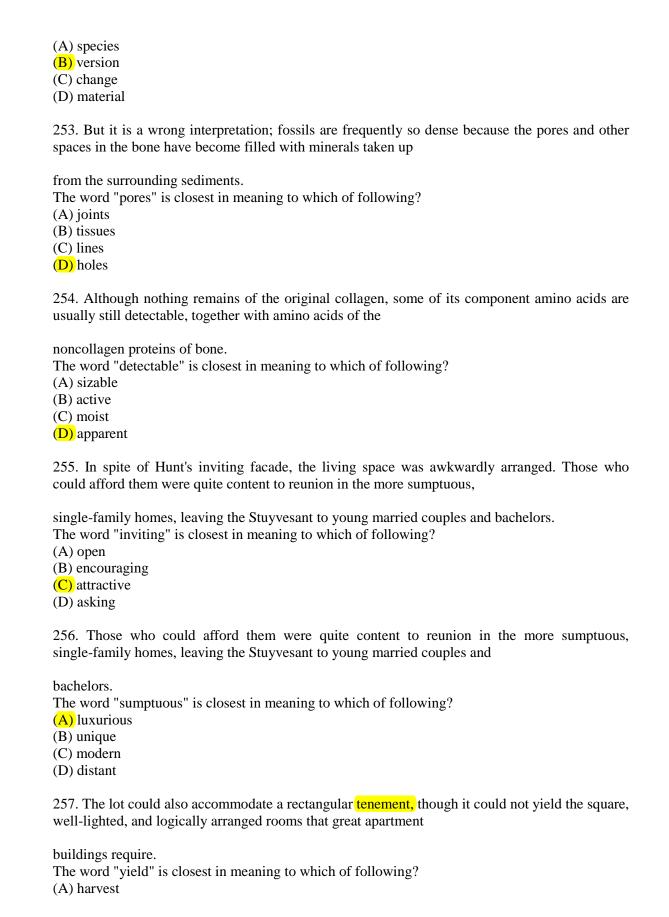
- (A) influenced
- (B) established
- (C) raised
- (D) maintained
- 251. It slowed construction of forts and inhibited their military function.

The word "inhibited" is closest in meaning to which of following?

- (A) involved
- (B) exploited
- (C) united
- (D) hindered
- 252. Anyone who has handled a fossilized bone knows that it is usually not exactly like its modern counterpart, the most obvious difference being that it is often

much heavier.

The word "counterpart' is closest in meaning to which of following?



- (B) surrender (C) amount (D) provide

 258. A snowf frozen precipi
 The word "mi
- 258. A snowfall consists of myriads of minute ice crystals that fall to the ground in the form of frozen precipitation.

The word "minute" is closest in meaning to which of following?

- (A) tiny
- (B) quick
- (C) clear
- (D) sharp
- 259. The process can be very rapid, quickly creating sizable ice crystals, some of which adhere to each other to create a cluster of ice crystals or a snowflake.

The word "adhere" is closest in meaning to which of following?

- (A) belong
- (B) relate
- (C) stick
- (D) speed
- 260. In addition, mountainous sections or rising terrain can initiate snowfalls by the geographical lifting of a moist airstream.

The word "initiate" is closest in meaning to which of following?

- (A) enhance
- (B) alter
- (C) increase
- (D) begin
- 261. It dissolves, transports, and precipitates many chemical compounds and is constantly modifying the face of the Earth. Evaporated from the oceans, water vapor

forms clouds, some of which are transported by wind over the continents.

The word "modifying" is closest in meaning to which of following?

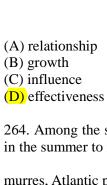
- (A) changing
- (B) traveling
- (C) describing
- (D) destroying
- 262. This last figure shows the importance of the ocean as the principal reservoir of the hydrosphere but also the rapidity of water transport on the continents.

The word "rapidity" is closest in meaning to which of following?

- (A) significance
- (B) method
- (C) swiftness
- (D) reliability
- 263. The erosion of the continents thus results from two closely linked and interdependent processes, chemical erosion and mechanical erosion. Their respective

interactions and efficiency depend on different factors.

The word "efficiency" is closest in meaning to which of following?



264. Among the species of seabirds that use the windswept cliffs of the Atlantic coast of Canada in the summer to mate, lay eggs, and rear their young are common

murres, Atlantic puffins, black-legged kittiwakes, and northern gannets.

The word "rear" is closest in meaning to which of following?

- (A) visit
- (B) watch
- (C) reverse
- (D) raise

265. The advantage of nesting on cliffs is the immunity it gives from foxes, which cannot scale the sheer rocks, and from ravens and other species of gulls, which

have difficulty in landing on narrow ledges to steal eggs.

The word "scale" is closest in meaning to which of following?

- (A) climb
- (B) avoid
- (C) approach
- (D) measure

266. This immunity has been followed by a relaxation of the defenses, and kittiwakes do not react to predators nearly as fiercely as do ground-nesting gulls.

The word "immunity" is closest in meaning to which of following?

- (A) distance
- (B) transition
- (C) protection
- (D) reminder

267. Kittiwakes defecate over the edge of the nest, which keeps it clean, but this practice, as well as their tendency to leave the nest littered with eggshells,

makes its location very conspicuous.

The word "conspicuous" is closest in meaning to which of following?

- (A) disordered
- (B) suspicious
- (C) noticeable
- (D) appealing

268. On the other hand, nesting on a narrow ledge has its own peculiar problems, and kittiwake behavior has become adapted to overcome them.

The phrase "On the other hand " is closest in meaning to which of following?

- (A) therefore
- (B) however
- (C) for example
- (D) by no means

269. Throughout the nineteenth century and into the twentieth, citizens of the United States maintained a bias against big cities.

The word "bias" is closest in meaning to which of following?

- (A) diagonal
- (B) slope
- (C) distortion
- (D) prejudice
- 270. These new urbanites, already convinced that cities were overwhelmed with great problems, eagerly embraced the progressive reforms that promised to bring

order out of the chaos of the city.

The word "embraced" is closest in meaning to which of following?

- (A) suggested
- (B) overestimated
- (C) demanded
- (D) welcomed
- 271. Reformers feared that the privately owned utility companies would charge exorbitant rates for these essential services and deliver them only to people who

could afford them.

The word "exorbitant" is closest in meaning to which of following?

- (A) additional
- (B) expensive
- (C) various
- (D) modified
- 272. Proponents of these reforms argued that public ownership and regulation would insure widespread access to these utilities and guarantee a fair price.

The word "Proponents" is closest in meaning to which of following?

- (A) Experts
- (B) Pioneers
- (C) Reviewers
- (D) Supporters
- 273. By 1776 the fine art of painting as it had developed in western Europe up to this time had been introduced into the American colonies through books and

prints, European visitors and immigrants, and traveling colonists who brought back copies of old master paintings and acquaintance with European art institutions.

By the outbreak of the Revolution against British rule in 1776, the status of the artist had already undergone change.

The word "outbreak" is closest in meaning to which of following?

- (A) cause
- (B) beginning
- (C) position
- (D) explanation

The word "undergone" is closest in meaning to which of following?

- (A) led to
- (B) transformed
- (C) preferred
- (D) experienced
- 274. Some colonial urban portraitist, such as John Singleton Copley, Benjamin West, and Charles Willson Peale, consorted with affluent patrons.

The word "consorted" is closest in meaning to which of following?

- (A) made decisions
- (B) studied
- (C) agreed
- (D) associated
- 275. Although subject to fluctuations in their economic status, all three enjoyed sufficient patronage to allow them to maintain an image of themselves as

professional artists, an image indicated by their custom of signing their paintings.

The word "sufficient" is closest in meaning to which of following?

- (A) adequate
- (B) temporary
- (C) friendly
- (D) expensive
- 276. The railroad simultaneously stripped the landscape of the natural resources, made velocity of transport and economy of scale necessary parts of industrial

production, and carried consumer goods to households;it dispatched immigrants to unsettled places, drew emigrants away from farms and villages to cities, and sent

men and guns to battle.

The word "drew" is closest in meaning to which of following?

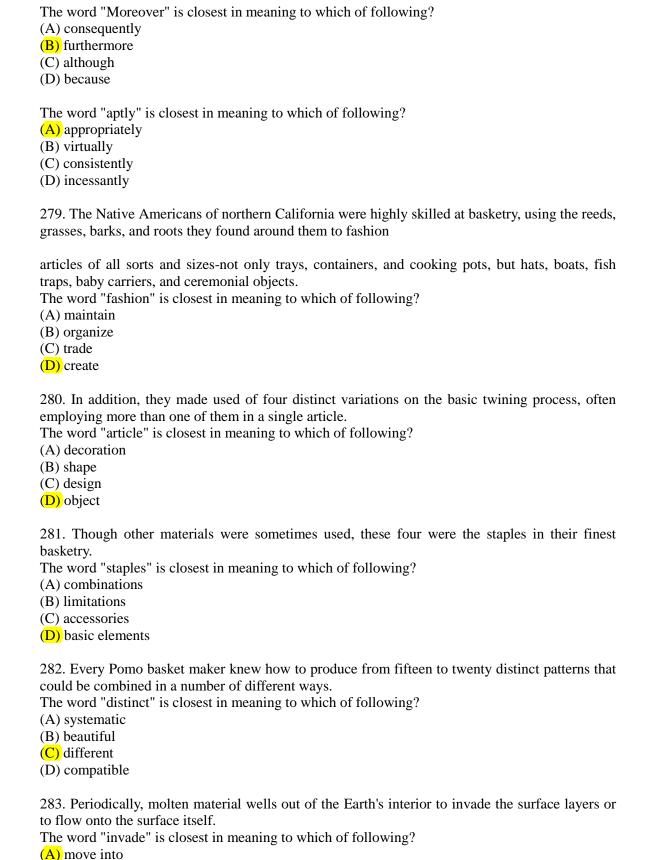
- (A) obliged
- (B) designed
- (C) helped
- (D) attracted
- 277. It standardized time and travel, seeking to annihilate distance and space by allowing movement at any time and in any season or type of weather.

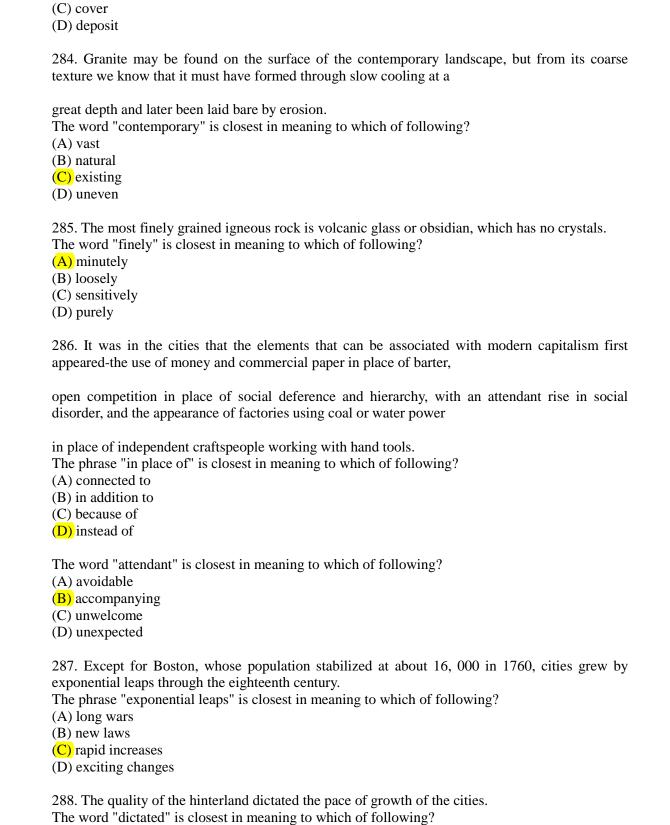
The word "annihilate" is closest in meaning to which of following?

- (A) conquer
- (B) utilize
- (C) separate
- (D) mechanize
- 278. Moreover, in addition to its being a transportation pathway equipped with a mammoth physical plant of tracks signals, crossings, bridges, and junctions, plus

telegraph and telephone lines the railroad nurtured factory complexes, coat piles, warehouses, and generating stations, forming along its right-of-way what has

aptly been called "the metropolitan corridor" of the American landscape.





(B) neutralize

(A) spoiled

- (B) reduced (C) determined
- (D) divided

289. The land surrounding Boston had always been poor farm country, and by the mid-eighteenth century it was virtually stripped of its timber. The available

farmland was occupied; there was little in the region beyond the city to attract immigrants.

The word "virtually" is closest in meaning to which of following?

- (A) usually
- (B) hardly
- (C) very quickly
- (D) almost completely
- 290. Although there are several variations on the exact format that worksheet can take, they are all similar in their essential aspects.

The word "essential" is closest in meaning to which of following?

- (A) introductory
- (B) changeable
- (C) beneficial
- (D) fundamental
- 291. Next, the pertinent considerations that will be affected by each decision are listed, and the relative importance of each consideration or consequence is

determined.

The word "pertinent" is closest in meaning to which of following?

- (A) relevant
- (B) preceding
- (C) insightful
- (D) responsive
- 292. A decision-making worksheet begins with a succinct statement of the problem that will also help to narrow it. It is important to be clear about the

distinction between long-range and immediate goals because long-range goals often involve a different decision than short-range ones.

The word "succinct" is closest in meaning to which of following?

- (A) creative
- (B) satisfactory
- (C) personal
- (D) concise
- 293. Focusing on long-range goals, a graduating student might revise the question above to "What will I do after graduation that will lead to a successful

career?"

The word "revise" is closest in meaning to which of following?

- (A) ask
- (B) explain
- (C) change

- (D) predict
- 294. The ecosystems of the Earth provide an array of free public services that are essential for the support of civilizations.

The word "array" is closest in meaning to which of following?

- (A) large number
- (B) excess
- (C) requirement
- (D) model
- 295. They do know, however, that the theory once advanced in the nineteenth century --- that the productivity of the land can be infinitely increased by the

application of capital, labor, and science --- is wrong.

The word "advanced" is closest in meaning to which of following?

- (A) debated
- (B) ignored
- (C) proved
- (D) proposed
- 296. Two reasons are usually advanced to account for this tardy development, namely, the mental difficulties and the physical difficulties encountered in such

work.

The word "tardy" is closest in meaning to which of following?

- (A) historical
- (B) basic
- (C) unusual
- (D) late
- 297. The first of these, the mental difficulties, must be somewhat discounted. The impression that the ancient numeral systems are not amenable to even the

simplest calculations is largely based on lack of familiarity with these systems.

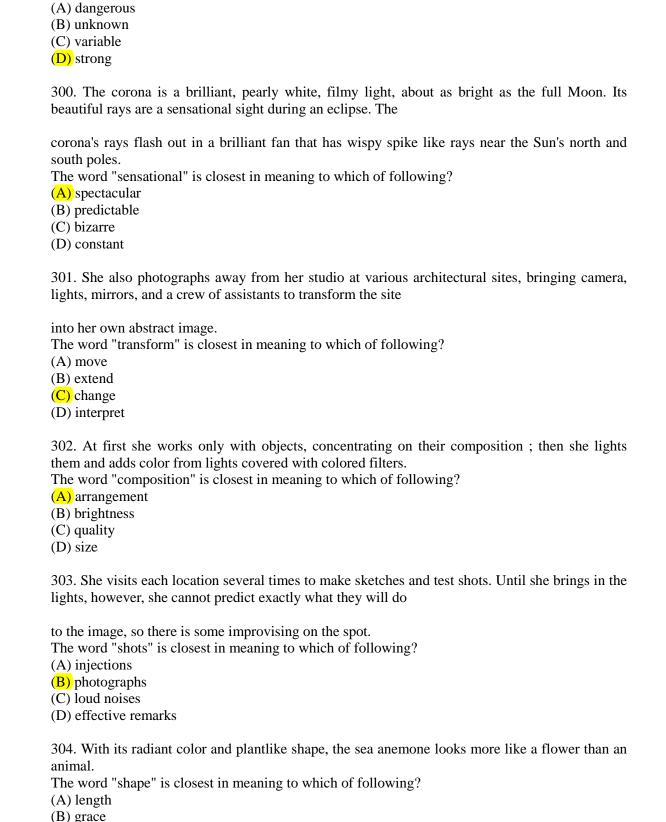
The word "discounted" is closest in meaning to which of following?

- (A) reduced
- (B) contradicted
- (C) disregarded
- (D) interpreted
- 298. Without a plentiful and convenient supply of some suitable writing medium, any very extended development of the arithmetic process was bound to be hampered.

The word "hampered" is closest in meaning to which of following?

- (A) impeded
- (B) concluded
- (C) unnoticed
- (D) rejected
- 299. In the core of the Sun, the pressures are so great against the gases that, despite the high temperature, there may be a small solid core.

The word "great" is closest in meaning to which of following?



(C) form (D) nature 305. The upper end of the sea anemone has a mouth surrounded by tentacles that the animal uses to capture its food.

The word "capture" is closest in meaning to which of following?

- (A) catch
- (B) control
- (C) cover
- (D) clean
- 306. When disturbed, a sea anemone retracts its tentacles and shortens its body so that it resembles a lump on a rock.

The word "retracts" is closest in meaning to which of following?

- (A) pulls back
- (B) relaxes
- (C) reproduces
- (D) lifts up
- 307. The first such attempt, the ambitious Project Mohole, got under way during the 1960's and proved the value of deep-sea drilling by making several test holes

in the mantle beneath the crust before spiraling costs led to its cancellation.

The word "spiraling" is closest in meaning to which of following?

- (A) rising
- (B) necessary
- (C) unpredictable
- (D) circular
- 308. Soon afterward, however, work began on the more modest Deep Sea Drilling Project, which is not aimed at reaching the mantle but at exploring the crust

itself.

The expression "more modest" is closest in meaning to which of following?

- (A) more sophisticated
- (B) more timid
- (C) less ambitious
- (D) less controversial
- 309. This venture uses a special ship, the Glomar Challenger, which can be held precisely in position in the sea --- without any anchor --- by sound-wave guiding

systems and computer-controlled propellers.

The word "precisely" is closest in meaning to which of following?

- (A) exactly
- (B) clearly
- (C) economically
- (D) practically
- 310. Throughout the colonial period there was a marked shortage of women, which varied with the regions and was always greatest in the frontier areas.

The word "marked" is closest in meaning to which of following?

(A) underlined

- (B) graded
- (C) prolonged
- (D) distinct
- 311. Puritan town councils expected widows and unattached women to be self-supporting and for a long time provided needy spinsters with parcels of land.

The phrase "unattached women" is closest in meaning to which of following?

- (A) women without high social status
- (B) women without property
- (C) unmarried women
- (D) unemployed women
- 312. The artisan who makes pottery in North America today utilizes his or her skill and imagination to create items that are beautiful as well as functional,

transforming something ordinary into something special and unique.

The word "functional" is closest in meaning to which of following?

- (A) useful
- (B) strong
- (C) inexpensive
- (D) original
- 313. The potter uses one of the Earth's most basic materials: clay. Clay can be found almost anywhere.

The word "basic" is closest in meaning to which of following?

- (A) familiar
- (B) fundamental
- (D) dirty
- 314. They then pour on the liquid glaze and let it run over the clay surface, making any kind of decorative pattern that they want.

The word "pattern" is closest in meaning to which of following?

- (A) model
- (B) color
- (C) puzzle
- (D) design
- 315. Horses live in a monochrome world. Light visible to human eyes, however, occupies only a very narrow band in the whole electromagnetic spectrum.

The word "monochrome" is closest in meaning to which of following?

- (A) monotonous
- (B) ultraviolet
- (C) one-dimension
- (D) one-color
- 316. The world would look eerily different if human eyes were sensitive to infra-red radiation.

The word "eerily" is closest in meaning to which of following?

- (A) strangely
- (B) increasingly
- (C) slightly

- (D) superficially
- 317. They are, in fact, remarkably discerning in color gradation. The color sensitivity of normal human vision is rarely surpassed even by sophisticated technical

devices.

The word "surpassed" is closest in meaning to which of following?

- (A) recorded
- (B) exceeded
- (C) found
- (D) provided
- 318. Once, just before he died, when he was sick with the flu, I took him a sack full of oranges. The joy I felt in giving that simple gift is undiminished by

time. He said he liked oranges, too. "

The word "undiminished" is closest in meaning to which of following?

- (A) not exaggerated
- (B) not lessened
- (D) unequaled
- 319. And he was kind to me; I will always be grateful that in his absolute warmth and generosity he fulfilled my deepest dream (and need) of what a poet should

be. "

The word "dream" is closest in meaning to which of following?

- (A) nightmare
- (B) expectation
- (C) sleep
- (D) misconception
- 320. "After my first meeting with Langston Hughes I vowed I would write a book about him for children someday.

The word "vowed" is closest in meaning to which of following?

- (A) confided
- (B) b<elieved
- (C) denied
- (D) promised
- 321. A third process by which salinity may be altered is associated with the formation and melting of sea ice. When seawater is frozen, the dissolved materials

are left behind.

The word "altered" is closest in meaning to which of following?

- (A) determined
- (B) changed
- (C) accumulated
- (D) needed
- 322. With encouragement from the park, local landowners initiated a land-use planning effort to

guide the future of the North Fork.

The word "initiated" is closest in meaning to which of following?

- (A) started
- (B) requested
- (C) purchased
- (D) considered
- 323. The willingness of local landowners to participate in this protection effort may have been stimulated by concerns that Congress would impose a legislative

solution.

The word "stimulated" is closest in meaning to which of following?

- (A) motivated
- (B) anticipated
- (C) substituted
- (D) undermined
- 324. Nevertheless, many local residents want to retain the existing the character of the area.

The word "retain" is closest in meaning to which of following?

- (A) preserve
- (B) possess
- (C) enjoy
- (D) improve
- 325. There were two widely divergent influences on the early development of statistical methods The word "divergent" is closest in meaning to which of following?
- (A) different
- (B) distributed
- (C) recorded
- (D) prominent
- 326. Descriptive statistics is a tool for describing or summarizing or reducing to comprehensible form the properties of an otherwise unwieldy mass of data.

The word "unwieldy" is closest in meaning to which of following?

- (A) unmanageable
- (B) unpredictable
- (C) understandable
- (D) unreliable
- 327. From then on, humans would increasingly take their living from the controlled production of a few plants, rather than getting a little here and a little

there from many varieties that grew wild-and the accumulated knowledge of lens of thousands of years of experience and intimacy with plants in the wild would

begin to fade away.

The word "controlled" is closest in meaning to which of following?

- (A) abundant
- (B) managed
- (C) required
- (D) advanced

328. This century, the work of cognitive psychologists has illuminated the subtle forms of daily learning on which intellectual progress depends.

The word "illuminated" is closest in meaning to which of following?

- (A) illustrated
- (B) accepted
- (C) clarified
- (D) lighted
- 329. They have also suggested that the very concept of abstract numbers-the idea of a oneness, a twoness, a threeness that applies to any class of objects and is

a prerequisite for doing anything more mathematically demanding than setting a table-is itself far from innate.

The word "prerequisite" is closest in meaning to which of following?

- (A) reason
- (B) theory
- (C) requirement
- (D) technique
- 330. The droplets or ice crystals in clouds are exceedingly small. The effect of gravity on them is minute. Air currents move and lift droplets so that the net

downward displacement is zero, even though the droplets are in constant motion.

The word "minute" is closest in meaning to which of following?

- (A) second
- (B) tiny
- (C) slow
- (D) steady
- 331. Air currents move and lift droplets so that the net downward displacement is zero, even though the droplets are in constant motion.

The word "motion" is closest in meaning to which of following?

- (A) wind
- (B) change
- (C) movement
- (D) humidity
- 332. To the casual observer, dust seems to act in a totally random fashion, moving about chaotically without fixed direction.

The word "random" is closest in meaning to which of following?

- (A) unpredictable
- (B) perplexing
- (C) independent
- (D) abnormal
- 333. During the 1920's she was editor of The Dial, an important literary magazine of the period.

The word "period" is closest in meaning to which of following?

- (A) movement
- (B) school
- (C) region

(D) time

succeeding generations of poets and readers.

The word "succeeding" is closest in meaning to which of following?

- (A) inheriting
- (B) prospering
- (C) diverse
- (D) later
- 334. The Southwest has always been a dry country, where water is scarce. The Hopi and Zuni brought water from streams to their fields and gardens through

irrigation ditches.

The word "scarce" is closest in meaning to which of following?

- (A) limited
- (B) hidden
- (C) pure
- (D) necessary
- 335. Like tree roots breaking up a sidewalk, the growing crystals exert pressure on the rock and eventually pry the rock apart along planes of weakness, such as

banding in metamorphic rocks, bedding in sedimentary rocks, or preexisting or incipient fractions, and along boundaries between individual mineral crystals or

grains.

The word "exert" is closest in meaning to which of following?

- (A) put
- (B) reduce
- (C) replace
- (D) control
- 336. A rock durable enough to have withstood natural conditions for a very long time in other areas could probably be shattered into small pieces by salt

weathering within a few generations.

The word "durable" is closest in meaning to which of following?

- (A) large
- (B) strong
- (C) flexible
- (D) pressured

The word "shattered" is closest in meaning to which of following?

- (A) arranged
- (B) dissolved
- (C) broken apart
- (D) gathered together
- 337. The dominant salt in Death Valley is halite, or sodium chloride, but other salts, mostly carbonates and sulfates, also cause prying and wedging, as does

ordinary ice.

The word "dominant" is closest in meaning to which of following?

- (A) most recent
- (B) most common
- (C) least available
- (D) least damaging
- 338. Overland transport in the United States was still extremely primitive in 1790. Roads were few and short, usually extending from inland communities to the

nearest river town or seaport.

The word "primitive" is closest in meaning to which of following?

- (A) unsafe
- (B) unknown
- (C) inexpensive
- (D) undeveloped
- 339. Nearly all interstate commerce was carried out by sailing ships that served the bays and harbors of the seaboard. Yet, in 1790 the nation was on the

threshold of a new era of road development.

The phrase "on the threshold of" in line 4 and 5 is closest in meaning to which of following?

- (A) in need of
- (B) in place of
- (C) at the start of
- (D) with the purpose of
- 340. The company built a gravel road within two years, and the success of the Lancaster Pike encouraged imitation. Northern states generally relied on private

companies to build their toll roads, but Virginia constructed a network at public expense.

The word "imitation" is closest in meaning to which of following?

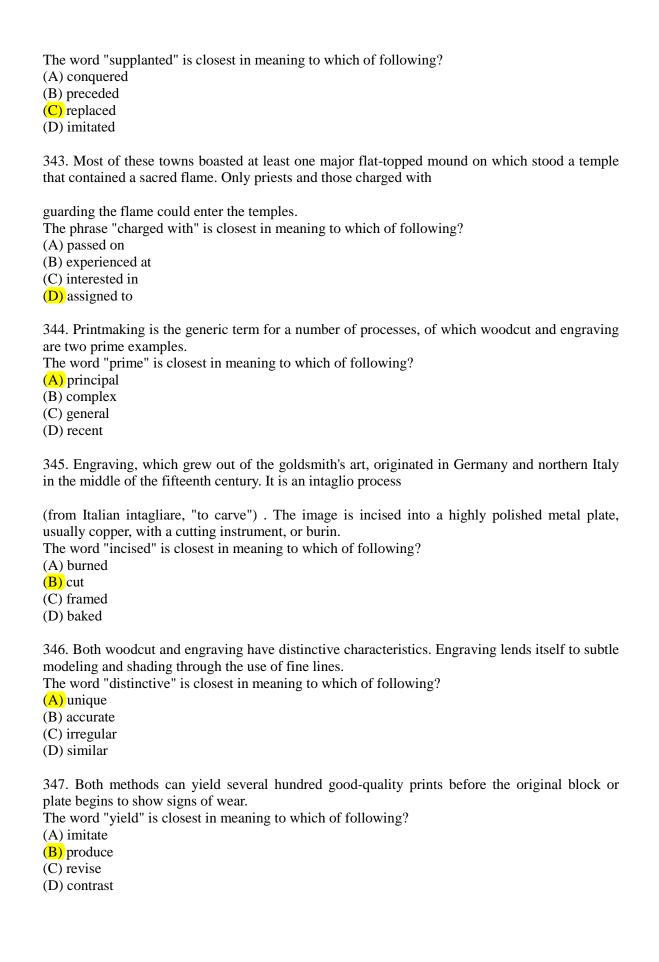
- (A) investment
- (B) suggestion
- (C) increasing
- (D) copying
- 341. Its peoples became great traders, bartering jewellery, pottery, animal pelts, tools, and other goods along extensive trading networks that stretched up and

down eastern North America and as far west as the Rocky Mountains.

The word "bartering" is closest in meaning to which of following?

- (A) producing
- (B) exchanging
- (C) transporting
- (D) loading
- 342. Over the next centuries, it was supplanted by another culture, the Mississippian, named after the river along which many of its earliest villages were

located.



348. But not all animal parents, even those that tend their offspring to the point of hatching or birth, feed their young.

The word "tend" is closest in meaning to which of following?

- (A) sit on
- (B) move
- (C) notice
- (D) care for
- 349. Few insects feed their young after hatching, but some make other arrangement, provisioning their cells and nests with caterpillars and spiders that they have

paralyzed with their venom and stored in a state of suspended animation so that their larvae might have a supply of fresh food when they hatch.

The word "provisioning" is closest in meaning to which of following?

- (A) supplying
- (B) preparing
- (C) building
- (D) expanding
- 350. For animals other than mammals, then, feeding is not intrinsic to parental care. Animals add it to their reproductive strategies to give them an edge in

their lifelong quest for descendants.

The word "edge" is closest in meaning to which of following?

- (A) opportunity
- (B) advantage
- (C) purpose
- (D) rest
- 351. Young that are fed by their parents become nutritionally independent at a much greater fraction of their full adult size. And in the meantime those young are

shielded against the vagaries of fluctuating of difficult-to-find supplies.

The word "shielded" is closest in meaning to which of following?

- (A) raised
- (B) protected
- (C) hatched
- (D) valued
- 352. A second, more dense atmosphere, however, gradually enveloped Earth as gasses from molten rocks within its hot interior escaped through volcanoes and steam

vents.

The word "enveloped" is closest in meaning to which of following?

- (A) surrounded
- (B) changed
- (C) escaped
- (D) characterized
- 353. With much of the water vapor already condensed into water and the concentration of carbon dioxide dwindling, the atmosphere gradually became rich nitrogen.

The word "gradually" is closest in meaning to which of following? (A) accidentally

- (B) quickly
- (C) in the end
- (D) by degrees
- 354. At any rate, plant growth greatly enriched our atmosphere with oxygen. The reason for this enrichment is that plants, in the presence of sunlight, process

carbon dioxide and water to produce oxygen.

The word "At any rate" is closest in meaning to which of following?

- (A) regardless
- (B) in addition
- (C) although unlikely
- (D) fortunately
- 355. Over 25,000 islands are scattered across the surface of the Pacific, more than in all the other oceans combined, but their land area adds up to little more

than 125,000 square kilometers, about the size of New York State, and their inhabitants total less than two million people, about a quarter of the number that

live in New York City.

The word "scattered" is closest in meaning to which of following?

- (A) widely known
- (B) usually estimated
- (C) rarely inhabited
- (D) irregularly distributed
- 356. Many are uninhabitable, by virtue of their small size and particular characteristics, but even the most favored are very isolated fragments of land, strictly

circumscribed by the ocean, strictly limited in terms of the numbers of people they can support.

The phrase "by virtue of" is closest in meaning to which of following?

- (A) regarding
- (B) because of
- (C) taking advantage of
- (D) in place of

The word "circumscribed" is closest in meaning to which of following?

- (A) located
- (B) flooded
- (C) restricted
- (D) pushed
- 357. Simply surviving those ocean crossings of indeterminate length, in open canoes, to arrive on the shores of uninhabited and hitherto unknown islands, was a

formidable achievement.

The word "indeterminate" is closest in meaning to which of following?

(A) undecided

(B) uncertain (C) unacceptable (D) increasing 358. The Rosetta century when sev

358. The Rosetta stone thwarted scholars' efforts for several decades until the early nineteenth century when several key hieroglyphic phrases were decoded using

the Greek inscriptions.

The word "thwarted" is closest in meaning to which of following?

- (A) continued
- (B) influenced
- (C) encouraged
- (D) frustrated
- 359. Lichens, probably the hardiest of all plants, live where virtually nothing else can---not just on rugged mountain peaks but also on sunbaked desert rocks.

The word "hardest" is closest in meaning to which of following?

- (A) most unusual
- (B) most basic
- (C) most abundant
- (D) most vigorous
- 360. Unlike other members of the plant kingdom, lichens are actually a partnership between two plants. The framework of a lichen is usually a network of minute

hairlike fungus that anchors the plant.

The word "framework" is closest in meaning to which of following?

- (A) structure
- (<B
- (C) condition
- (D) environment
- 361. When water is scarce (as is often the case on a mountain), lichens may become dormant and remain in that condition for prolonged periods of time.

The word "prolonged" is closest in meaning to which of following?

- (A) precise
- (B) extended
- (C) approximate
- (D) regular
- 362. For decades, scientists wondered how the offspring of an alga and a fungus got together to form a new lichen; it seemed unlikely that they would just happen

to encounter one another.

The word "encounter" is closest in meaning to which of following?

- (A) lose
- (B) support
- (C) meet
- (D) create
- 363. Newbery notwithstanding, Americans still looked on children's books as vehicles for

instruction, not amusement, though they would accept a moderate amount of

fictional entertainment for the sake of more successful instruction.

The word "notwithstanding" is closest in meaning to which of following?

- (A) in spite of
- (B) in addition to
- (C) as a result of
- (D) as a part of

364. As the children's book market expanded, then, what both public and publishers wanted was the kind of fiction Maria Edgeworth wrote: stories interesting

enough to attract children and morally instructive enough to allay adult distrust of fiction.

The word "allay" is closest in meaning to which of following?

- (A) clarify
- (B) attack
- (C) reduce
- (D) confirm

365. The characters of children in this fiction were serious, conscientious, self-reflective, and independent --- strong>testimony to the continuing influence of

the earlier American moralistic tradition in children's books.

The word" testimony to" is closest in meaning to which of following?

- (A) inspiration for
- (B) evidence of
- (C) requirement for
- (D) development of

366. The Moon, which has undergone a distinct and complex geological history presents a striking appearance.

The word "undergone" is closest in meaning to which of following?

- (A) altered
- (B) substituted
- (C) experienced
- (D) preserved

367. It is now known that the vast majority of the Moon's craters were formed by the impact of solid bodies with the lunar surface.

The word "vast" is closest in meaning to which of following?

- (A) special
- (B) Known
- (C) varied
- (D) great

368. The term "latent heat" refers to the energy that has to be used to convert liquid water to water vapor.

The word "convert" is closest in meaning to which of following?

- (A) mix
- (B) change
- (C) adapt

- (D) reduce
- 369. In the atmosphere, a large portion of the Sun's incoming energy is used to evaporate water, primarily in the tropical oceans.

The word "primarily" in the line 19 is closest in meaning to which of following?

- (A) chiefly
- (B) originally
- (C) basically
- (D) clearly
- 370. Other species may become better adapted to an environment, resulting in competition and, ultimately, in the death of a species.

The word "ultimately" is closest in meaning to which of following?

- (A) exceptionally
- (B) dramatically
- (C) eventually
- (D) unfortunately
- 371. One of the best-known examples of mass extinction occurred 65 million years ago with the demise of dinosaurs and many other forms of life.

The word "demise" is closest in meaning to which of following?

- (A) change
- (B) recovery
- (C) help
- (D) death
- 372. One interesting, and controversial, finding is that extinctions during the past 250 million years have tended to be more intense every 26 million years.

The word "finding" is closest in meaning to which of following?

- (A) published information
- (B) research method
- (C) ongoing experiment
- (D) scientific discovery
- 373. Even the name is an epithet, a synonym for the stunted, the scruffy, the insignificant, what is beautiful about such a place?

The word "insignificant" is closest in meaning to which of following?

- (A) unimportant
- (B) undisturbed
- (C) immature
- (D) inappropriate
- 374. Potter, for instance, found it convenient to locate their workshops near their source of clay, regardless of its relation to the center of settlement.

The phrase "regardless of" is closest in meaning to which of following?

- (A) as a result of
- (B) no matter what
- (C) proud of
- (D) according to
- 375. The techniques of pottery manufacture had evolved well before the Greek period, but

marked stylistic developments occurred in shape and in decoration, for

example, in the interplay of black and other glazes with the red surface of the fired pot.

The word "marked" is closest in meaning to which of following?

- (A) original
- (B) attractive
- (C) noticeable
- (D) patterned

376. The broad utility of terra-cotta was such that workers in clay could generally afford to confine themselves to either decorated ware and house wares like

cooking pots and storage jars or building materials like roof tiles and drainpipes.

The word "confine" is closest in meaning to which of following?

- (A) adapt
- (B) train
- (C) restrict
- (D) organize
- 377. Some sixth-and fifth-century B. C. Athenian pottery establishments are known to have concentrated on a limited range of fine ware, but a rural pottery

establishment on the island of Thasos produced many types of pottery and roof tiles too, presumably to meet local demand.

The word "presumably" is closest in meaning to which of following?

- (A) frequently
- (B) practically
- (C) preferably
- (D) probably
- 378. The expense of moving a family to the ever-receding frontier exceeded the means of many, and the cost of tools draft animals, a wagon, a well, fencing, and

of building the simplest house, might come to\$1,000---a formidable barrier.

The word "formidable" is closest in meaning to which of following?

- (A) obvious
- (B) predictable
- (C) difficult
- (D) manageable
- 379. Homesteaders usually came from districts not far removed from frontier conditions. And despite the intent of the law, speculators often managed to obtain

large tracts.

The word "intent" is closest in meaning to which of following?

- (A) purpose
- (B) power
- (C) effect
- (D) invention
- 380. The smooth operation of an ant colony depends on ten to twenty different signals, most of

which are pheromones(chemical signals triggering behavioral

responses).

The phrase "smooth operation" is closest in meaning to which of following?

- (A) daily activity
- (B) effective functioning
- (C) delicate balance
- (D) permanent location
- 381. The simple of these is the carbon dioxide from the respiration of an ant cluster, a chemical that acts pheromone to promote aggregation.

The word "cluster" is closest in meaning to which of following?

- (A) organ
- (B) activity
- (C) group
- (D) cycle
- 382. Fire ants also make use of an alarm pheromone to alert workers to an emergency, and their scouts lay down a trail pheromone as a guide during mass

migrations.

The word "alert" is closest in meaning to which of following?

- (A) allow
- (B) transport
- (C) warn
- (D) provide
- 383. A fire ant queen emits a chemical signal that identifies her to the colony's workers. They respond by scurrying to gather around her. The decomposing corpse

of a dead ant also generates a signal, to which workers respond by eliminating the corpse from the nest.

The word "scurrying" is closest in meaning to which of following?

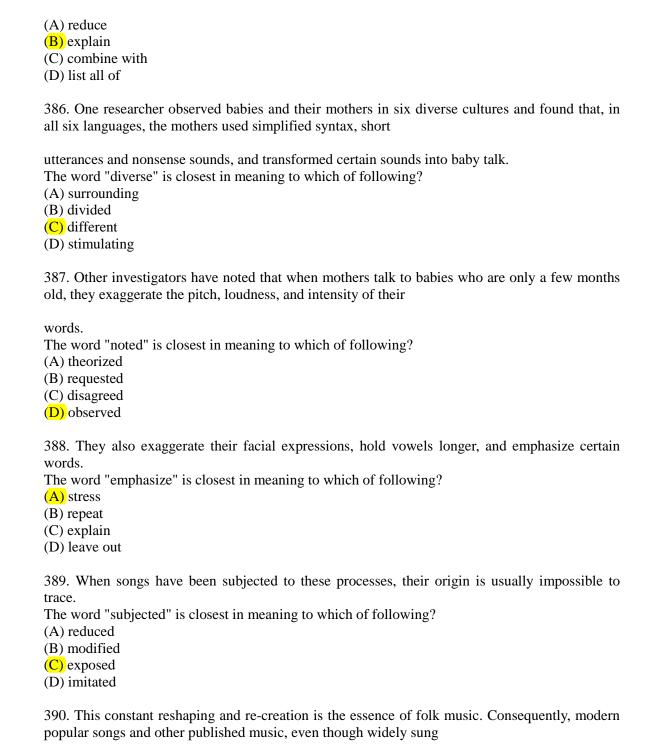
- (A) agreeing
- (B) appearing
- (C) competing
- (D) rushing
- 384. Rivers also reveal clay along their banks, and erosion on a hillside may make clay easily accessible.

The word "accessible" is closest in meaning to which of following?

- (A) buried
- (B) improved
- (C) available
- (D) workable
- 385. Variations of clay composition and the temperatures at which they are fired account for the differences in texture and appearance between a china teacup and

an earthenware flowerpot.

The phrase "account for" is closest in meaning to which of following?



by people who are not professional musicians, are not considered folk music.

The word "essence" is closest in meaning to which of following?

- (A) basic nature
- (B) growing importance
- (C) full extent
- (D) first phase

391. In 1903 the members of the governing board of the University of Washington, in Seattle, engaged a firm of landscape architects, specialists in the design of

outdoor environments --- Olmsted Brothers of Brookline, Massachusetts --- to advise them on an appropriate layout for the university grounds.

The word "engaged" is closest in meaning to which of following?

- (A) trained
- (B) hired
- (C) described
- (D) evaluated
- 392. John Olmsted did the investigation and subsequent report on Seattle's parks.

The word "subsequent" is closest in meaning to which of following?

- (A) complicated
- (B) alternate
- (C) later
- (D) detailed
- 393. With such unparalleled sums at their disposal, with the Olmsted guidelines to follow, and with the added incentive of wanting to have the city at its best

for the Alaska-Yukon-Pacific Exposition of 1909, the Parks Board bought aggressively.

The word "sums" is closest in meaning to which of following?

- (A) problems
- (B) amounts
- (C) services
- (D) debts
- 394. Many prehistoric people subsisted as hunters and gatherers. Undoubtedly, game animals, including some very large species, provided major components of human

diets.

The word "Undoubtedly" is closest in meaning to which of following?

- (A) occasionally
- (B) unexpectedly
- (C) previously
- (D) certainly

The word "components" is closest in meaning to which of following?

- (A) parts
- (B) problems
- (C) changes
- (D) varieties
- 395. Hunter-gatherers may have contributed to Pleistocene extinctions in more indirect ways. Besides overhunting, at least three other kinds of effects have been

suggested: direct competition, imbalances between competing species of game animals, and early agricultural practices.

The word "Besides" is closest in meaning to which of following?

- (A) caused by
- (B) whereas

- (C) in addition to
- (D) in favor of

396. If such hunters first competed with the larger predators and then replaced them, they may have allowed more young to survive each year, gradually increasing

the populations of favored species.

The word "favored" is closest in meaning to which of following?

- (A) large
- (B) escaping
- (C) preferred
- (D) local
- 397. They became an integral part of the gardens of the Ottoman Empire from the sixteenth century onward, and, soon after, part of European life as well.

The word "integral" is closest in meaning to which of following?

- (A) interesting
- (B) fundamental
- (C) ornamental
- (D) overlooked
- 398. They flourished in Pennsyvania too, where in 1698 William Penn received a report of John Tateham's "Great and Stately Palace," its garden full of tulips.

The word "flourished" is closest in meaning to which of following?

- (A) were discovered
- (B) were marketed
- (C) combined
- (D) thrived
- 399. Thomas Hancock, an English settler, wrote thanking his plant supplier for a gift of some tulip bulbs from England, but his letter of the following year

grumbled that they were all dead.

The word "grumbled" is closest in meaning to which of following?

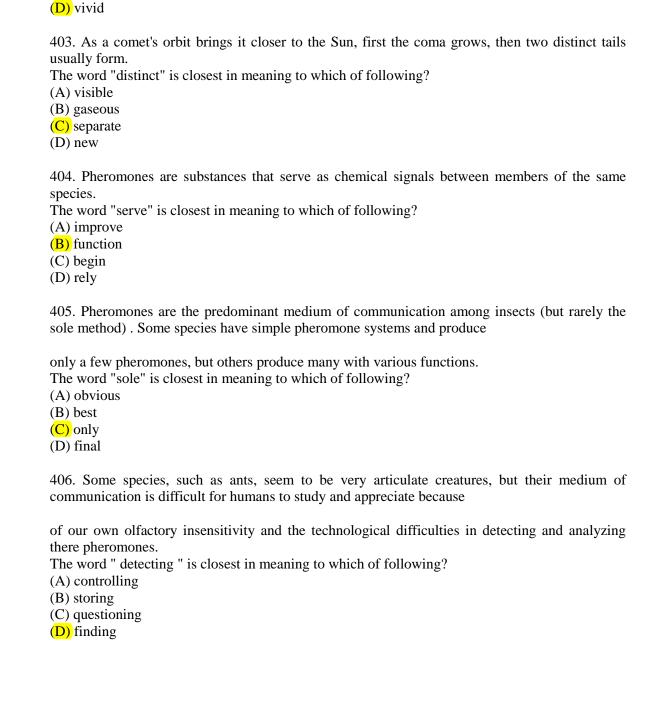
- (A) denied
- (B) warned
- (C) complained
- (D) explained
- 400. No two comets ever look identical, but they have basic features in common, one of the most obvious of which is a coma.

The word "identical" is closest in meaning to which of following?

- (A) equally fast
- (B) exactly alike
- (C) near each other
- (D) invisible
- 401. At the heart of a comer's coma lies a nucleus of solid material, typically no more than 10 kilometers across.

The word "heart" is closest in meaning to which of following?

(A) center



402. The most graphic proof that the grand spectacle of a comet develops from a relatively small

and inconspicuous chunk of ice and dust was the close-up image

The word "graphic" is closest in meaning to which of following?

obtained in 1986 by the European Giotto probe of the nucleus of Halley's Comet.

(B) edge (C) tail

(D) beginning

(A) mathematical(B) popular(C) unusual

407. Aphids, which are particularly vulnerable to predators because of their gregarious habits and sedentary nature, secrete an alarm pheromone when attacked that

causes nearby aphids to respond by moving away.

The word "sedentary" is closest in meaning to which of following?

- (A) inactive
- (B) inefficient
- (C) unchangeable
- (D) unbalanced

408. These innovations in manufacturing boosted output and living standards to an unprecedented extent;the average per capita wealth increased by nearly 1 percent

per year-30 percent over the course of a generation.

The word "boosted" is closest in meaning to which of following?

- (A) ensured
- (B) raised
- (C) arranged
- (D) discouraged

409. Since the 1790's, North American entrepreneurs --- even without technological improvements --- had broadened the scope of the outwork system that made

manufacturing more efficient by distributing materials to a succession of workers who each performed a single step of the production process.

The word "scope" is closest in meaning to which of following?

- (A) value
- (B) popularity
- (C) extent
- (D) diversity
- 410. As early as 1782 the prolific Delaware inventor Oliver Evans had built a highly automated, laborsaving flour mill driven by water power.

The word "prolific" is closest in meaning to which of following?

- (A) efficient
- (B) productive
- (C) self-employed
- (D) progressive
- 411. This new technology enabled them to build factories in the Nation's largest cities, taking advantage of urban concentrations of inexpensive labor, Good

transportation networks, and eager customers.

The word "eager" is closest in meaning to which of following?

- (A) wealthy
- (B) knowledgeable
- (C) regular
- (D) enthusiastic
- 412. Small, both in format and number of pages, they were generally bound simply, in board(a form of cardboard) or merely stitched in paper wrappers (a sewn

antecedent of modern-day paperbacks).

The word "antecedent" is closest in meaning to which of following?

- (A) predecessor
- (B) format
- (C) imitation
- (D) compontent
- 413. By far, the most appealing publishing investments were to be found in small books that had proven to be steady sellers, providing a reasonably reliable

source of income for the publisher.

The word "appealing" is closest in meaning to which of following?

- (A) dependable
- (B) respectable
- (C) enduring
- (D) attractive
- 414. Almanacs, annual publications that contained information on astronomy and weather patterns arranged according to the days, week, and months of a given year,

provided the perfect steady seller because their information pertained to the locale in which they would be used.

The word "locale" is closest in meaning to which of following?

- (A) topic
- (B) season
- (C) interest
- (D) place
- 415. What unusual or unique biological train led to the remarkable diversification and unchallenged success of the ants for over 50 million years?

The word "unique" is closest in meaning to which of following?

- (A) inherited
- (B) habitual
- (C) singular
- (D) natural
- 416. The answer appears to be that they were the first group of predatory ensocial insects that both lived and foraged primarily in the soil and in rotting

vegetation on the ground.

The word "rotting" is closest in meaning to which of following?

- (A) decaying
- (B) collected
- (C) expanding
- (D) cultivated
- 417. Richly organized colonies of the kind made possible by eusociality enjoy several key advantages over solitary individuals.

The word "key" is closest in meaning to which of following?

(A) uncommon

- (B) important
- (C) incidental
- (D) temporary
- 418. Composers today use a wider variety of sounds than ever before, including many that were once considered undesirable noises.

The word "wider" is closest in meaning to which of following?

- (A) more impressive
- (B) more distinctive
- (C) more controversial
- (D) more extensive
- 419. Non-Western music typically divides and interval between two pitches more finely than Western music does, thereby producing a greater number of distinct

tones, or microtones, within the same interval.

The word "thereby" is closest in meaning to which of following?

- (A) in return for
- (B) in spite of
- (C) by the way
- (D) by that means
- 420. The population of Los Angeles (114,000 in 1900) rose spectacularly in the early decades of the twentieth century, increasing a dramatic 1,400 percent from

1900 to 1930. A number of circumstances contributed to the meteoric rise of Los Angeles.

The word "meteoric" is closest in meaning to which of following?

- (A) rapid
- (B) famous
- (C) controversial
- (D) methodical
- 421. The downtown business district did not grow apace with the city as a whole, and the rapid transit system designed to link the center with outlying areas

withered away from disuse.

The phrase "apace with" is closest in meaning to which of following?

- (A) anew with
- (B) apart from
- (C) as fast as
- (D) at the middle of
- 422. After the 1870's, a number of important authors began to reject the romanticism that had prevailed immediately following the Civil War of 1861-1865 and

turned instead to realism.

The word "prevailed" is closest in meaning to which of following?

- (A) dominated
- (B) transformed
- (C) entered
- (D) generalized

423. Realists such as Joel Chandler Harris and Ellen Glasgow depicted life in the South; Hamlin garland described life on the Great Plains; and Sarah Orne Jewett

wrote about everyday life in rural New England.

The word "depicted" in line11 is closest in meaning to which of following?

- (A) emphasized
- (B) described
- (C) criticized
- (D) classified
- 424. Theodore Dreiser, the foremost naturalist writer, in novels such as Sister Carrie, grimly portrayed a dark world in which human beings were tossed about by

forces beyond their understanding or control.

The word "foremost" is closest in meaning to which of following?

- (A) most difficult
- (B) interesting
- (C) most focused
- (D) leading
- 425. Even in this current era of large scale, intensive research and development, the interrelationships involved in this process are frequently misunderstood.

The word "intensive" is closest in meaning to which of following?.

- (A) decreased
- (B) concentrated
- (C) creative
- (D) advanced
- 426. The widespread and usually uncritical acceptance of this thesis led in turn to the assumption that application of science to industrial purposes was a linear

process, starting with fundamental science, then proceeding to applied science or technology, and through them to industrial use.

The word "assumption" is closest in meaning to which of following?

- (A) understanding
- (B) public awareness
- (C) scientific knowledge
- (D) expansion
- 427. The most thoroughly studied cases of deception strategies employed by ground-nesting birds involve plovers, small birds that typically nest on beaches or in

open fields, their nests merely scrapes in the earth.

The word "merely" is closest in meaning to which of following?

- (A) often
- (B) only
- (C) usually
- (D) at first
- 428. One technique involves first moving quietly toward an approaching animal and then setting

off noisily through the grass or brush in a low, crouching run away

from the nest, while emitting rodentlike squeaks.

The word "emitting" is closest in meaning to which of following?

- (A) bringing
- (B) attracting
- (C) producing
- (D) minimizing
- 429. The plover's most famous stratagem is the broken --- wing display, actually a continuum of injury --- mimicking behaviors spanning the range from slight

disability to near -complete helplessness.

The word "spanning" is closest in meaning to which of following?

- (A) covering
- (B) selecting
- (C) developing
- (D) explaining
- 430. Few predators fail to pursue such obviously vulnerable prey. Needless to say, each short run between "flight attempts" is directed away from the nest.

The word "pursue" is closest in meaning to which of following?

- (A) catch
- (B) notice
- (C) defend
- (D) chase
- 431. Glass fibers were little more than a novelty until the 1930's, when their thermal and electrical insulating properties were appreciated and methods for

producing continuous filaments were developed.

The word "appreciated" is closest in meaning to which of following?

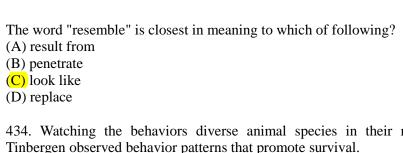
- (A) experienced
- (B) recognized
- (C) explored
- (D) increased
- 432. The scarce fossils of the Proterozoic, mostly single-celled bacteria, provide little evidence in this regard. However, the rocks themselves do include the

earliest evidence for glaciation, probably a global ice age.

The word "scarce" is closest in meaning to which of following?

- (A) ancient
- (B) tiny
- (C) available
- (D) rare
- 433. In 2.3-billion-year-old rocks in Canada near Lake Huron (dating from the early part of the Proterozoic age), there are thin laminae of fine-grained sediments

that resemble varves, the annual layers of sediment deposited in glacial lakes.



434. Watching the behaviors diverse animal species in their natural habitats, Lorenz, and Tinbergen observed behavior patterns that promote survival.

The word "diverse" is closest in meaning to which of following?

- (A) small
- (B) varied
- (C) wild
- (D) particular
- 435. The most well-known of these is imprinting, the early following behavior of certain baby birds that ensures that the young will stay close to their mother

and be fed and protected from danger.

The word "ensures" is closest in meaning to which of following?

- (A) guarantees
- (B) proves
- (C) teaches
- (D) assumes
- 436. It refers to a limited time span during which the child is biologically prepared to acquire certain adaptive behaviors but needs the support of suitably

stimulating environment.

The word "suitably" is closest in meaning to which of following?

- (A) willingly
- (B) moderately
- (C) appropriately
- (D) emotionally
- 437. The development of attachment in human infants is a lengthy process involving changes in psychological structures that lead to a deep affectional tie between

parent and baby.

The phrase "affectional tie" is closest in meaning to which of following?

- (A) cognitive development
- (B) emotional attachment
- (C) psychological need
- (D) behavioral change
- 438. Locke strongly suggested that individuals, while accepting their Americanism, take pride in their African ancestral arts and urged artists to look to Africa

for substance and inspiration.

The word "urged" is closest in meaning to which of following?

- (A) prepared
- (B) defined

- (C) permitted
- (D) encouraged
- 439. From this unity created by the convergence of artists from various social and geographical backgrounds came a new spirit, which, particularly in densely

populated Harlem, was to result in greater group awareness and self-determination.

The word "convergence" is closest in meaning to which of following?

- (A) gathering
- (B) promotion
- (C) expression
- (D) influence
- 440. African American graphic artists took their place beside the poets and writers of the Harlem Renaissance and carried on efforts to increase and promote the

visual arts.

The phrase "carried on" is closest in meaning to which of following?

- (A) continued
- (B) praised
- (C) transformed
- (D) connected

Answer Key

- 001 A
- 002 A
- 003 A
- 004 D
- 005 B
- 006 A
- 007 C
- 008 D 009 D
- 010 B
- 010 B
- 012 B
- 013 C
- 013 C
- 015 C
- 015 C
- $016\,\mathrm{A}$
- 017 D
- 018 D 019 A
- 020 D
- 021 C
- 022 B
- 023 B
- 024 D

- 025 B
- 026 B
- 027 A
- $028\,\mathrm{A}$
- 029 A
- 030 D
- 031 D
- 032 B
- 033 D
- 034 C
- 035 B
- 036 B
- 037 C
- 038 D
- 039 B
- 040 D C
- 041 C
- 042 D
- 043 A
- 044 D
- 045 B
- 046 D
- 047 A
- 048 C
- 049 A
- 050 C
- $051\,\mathrm{A}$ 052 A
- 053 A
- 054 D
- 055 A
- 056 D
- 057 B 058 D
- 059 D A
- $060\,\mathrm{A}$
- 061 D
- 062 A
- 063 B
- 064 A
- 065 B
- 066 A
- 067 A 068 D
- 069 B
- $070\,\mathrm{A}$
- 071 A 072 A
- 073 A
- 074 C
- 075 B

077 A

078 D

079 A

080 B

081 B

082 C

083 B

084 D

085 D

086 B

087 C

 $088\,\mathrm{A}$

089 B

090 C

091 A

092 C

093 D 094 D

095 C

096 C

097 C

098 D

099 A

100 B

 $101\,\mathrm{A}$

102 D

103 D

104 A

105 C

106 D A

107 A

 $108\,\mathrm{A}$

109 D

110 B

111 C

112 A

113 C

114 D

115 B

116 C

117 C

118 B

119 A

120 A D

121 A

122 A

123 B 124 B

125 A

126 C

127 D

 $128\,A$

129 B

130 C

131 A

132 D

133 D

134 D

135 C

136 B

137 B

138 D

139 B 140 A

141 C

142 C

143 B

144 B

145 C

146 D B

147 A

148 D

149 D

150 C

151 B

152 D

153 A

154 D

155 A

156 D

157 C

158 D

159 D

160 D

161 B

 $162\,A$

163 C

164 D

165 C

166 C

167 B 168 C

169 D

170 C

171 A

172 D 173 B

174 A

175 B

 $176\,\mathrm{A}$

177 B

178 A B

179 D

 $180\,\mathrm{A}$

181 C

182 A

183 B

184 B

185 A

186 D

187 B

188 D

189 A

190 D

191 B

192 A

193 D

194 A

195 C

196 B

197 B

198 A

199 A

200 C

201 C

202 C

 $203\,A$

204 B

205 A

206 D

207 C

208 A 209 C

 $210\,\mathrm{A}$

211 D

212 B

213 C

214 B

215 C

216 B

217 C 218 C

219 D

220 D

221 D

222 C

223 D

224 A

225 C

226 C

227 D

228 C

 $230\,A$

231 B

232 C

233 C

234 A

235 B

236 A

237 B

238 B

239 D

240 C 241 B

242 A

243 B

244 B

245 E

246 D

247 C

248 D

249 B

250 C

251 D

252 B

253 D

254 D

255 C

256 A

257 D

258 A

259 C

260 D

261 A

262 C

263 D

264 D

265 A

266 C

267 C

268 B

269 D 270 D

271 B

272 D

273 B D

274 D

275 A

276 D

277 A

278 B A

279 D

280 D

281 D

282 C

283 A

284 C

285 A

286 D B

287 C

288 C

289 D

290 D

291 A

292 D

293 C

294 A

295 D

296 D

297 C

298 A

299 D

300 A

301 C

302 A

303 B

304 C

305 A

306 A

307 A

308 C

309 A

310 D

311 C

312 A

313 B

314 D

315 D

316 A

317 B

318 B

319 B

320 D

321 B

322 A

323 A

324 A 325 A

326 A 327 B

328 C

329 C

330 B

 $332\,A$

333 D D

334 A

335 A

336 B C

337 B

338 C

339 C

340 D

341 B

342 C

343 D

344 A

345 B

 $346\,A$

347 B

348 D

349 B

350 B

351 B

352 A

353 D 354 A

355 D

356 C C

357 B

358 D

359 D

 $360\,\mathrm{A}$

361 B

362 C

363 A

364 C

365 B

366 C

367 D

368 B

369 A

370 C

371 D

372 D

373 A

374 B

375 C 376 C

377 D

378 C

379 A

380 B

381 C

383 D

384 C

385 B

386 C

387 D

388 A

389 C

390 A

391 B

392 C

393 B

394 D

395 C

396 C

397 B

398 D

399 C

400 B

401 A

402 D

403 C

404 B

405 C

406 D

407 A

408 B

409 C

410 B

411 D

412 A

413 D

414 D

415 C

416 A

417 B

418 D

419 D

420 A

421 C 422 A

423 B

424 D

425 B

426 A 427 B

428 C

429 A

430 D

431 B

432 D

434 B

435 A

436 C

437 B

438 D

439 A

440 A