

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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?

- (A) endure**
- (B) replace
- (C) compensate
- (D) reduce

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

- (B) tales
- (C) levels**
- (D) rumors

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

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**

173. As a rule, large billed crossbills are better at seeming seeds from large cones while small billed crossbills are more deft at removing the seeds from small, thin scaled cones.

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

- (A) hungry
- (B) skilled**
- (C) tired
- (D) pleasant

175. It was she, a Baltimore printer, who published the first official copies of the Declaration, the first copies that included the names of its signers and therefore **heralded** the support of all thirteen colonies.

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

- (A) influenced
- (B) announced**
- (C) rejected
- (D) ignored

189. Colonial copper smithing 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

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

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

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 yellow.

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

- (A) older
- (B) less heavy
- (C) more attractive
- (D) rougher

234. Significantly, the use of exposed iron occurred mainly in the new building types spawned by the Industrial Revolution: in factories, warehouses, commercial offices, exhibition halls, and railroad stations, where its practical advantages far outweighed its lack of status.

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

- (A) created
- (B) maintained
- (C) rejected
- (D) exposed

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 or black.

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

- (A) evaluation
- (B) proof
- (C) intention
- (D) belief

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 the following?

- (A) predicted
- (B) shocking
- (C) unknown
- (D) illuminating

246. The conservatism of the early English colonists in North America, 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 the 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"

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

- (A) parallel
- (B) simple
- (C) projecting
- (D) important

251. It slowed construction of **forts** and inhibited their military function.

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

- (A) species
- (B) version**
- (C) change
- (D) material

256. Those who could afford them were quite content to reunite in the more sumptuous, single-family homes, leaving the Stuyvesant to young married couples and bachelors.

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

- (A) luxurious**
- (B) unique
- (C) modern
- (D) distant

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 murrelets, 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

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

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**

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, coal piles, warehouses, and generating stations, forming along its right-of-way what has aptly been called "the metropolitan corridor" of the American landscape.

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

- (A) appropriately**
- (B) virtually
- (C) consistently
- (D) incessantly

281. Though other materials were sometimes used, these four were the staples in their finest basketry.

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

- (A) combinations
- (B) limitations
- (C) accessories

(D) basic elements

287. Except for Boston, whose population stabilized at about 16, 000 in 1760, cities grew by exponential leaps through the eighteenth century.

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

- (A) long wars
- (B) new laws
- (C)** rapid increases
- (D) exciting changes

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

300. The corona is a brilliant, pearly white, filmy light, about as bright as the full Moon. Its beautiful rays are a sensational sight during an eclipse. The corona's rays flash out in a brilliant fan that has wispy spike like rays near the Sun's north and south poles.

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

- (A)** spectacular
- (B) predictable
- (C) bizarre
- (D) constant

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

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

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

- (A) arranged
- (B) dissolved
- (C) broken apart
- (D) gathered together

345. Engraving, which grew out of the goldsmith's art, originated in Germany and northern Italy in the middle of the fifteenth century. It is an intaglio process from Italian intagliare, "to carve"). The image is incised into a highly polished metal plate, usually copper, with a cutting instrument, or burin.

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

- (A) burned
- (B) cut
- (C) framed
- (D) baked

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

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

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

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

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

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

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

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

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