

#1

ID: 359902ae

The following text is adapted from Nathaniel Hawthorne's 1837 story "Dr. Heidegger's Experiment." The main character, a physician, is experimenting with rehydrating a dried flower.

At first [the rose] lay lightly on the surface of the fluid, appearing to imbibe none of its moisture. Soon, however, a singular change began to be visible. The crushed and dried petals stirred and assumed a deepening tinge of crimson, as if the flower were reviving from a deathlike slumber.

As used in the text, what does the phrase "a singular" most nearly mean?

- A) A lonely
- B) A disagreeable
- C) An acceptable
- D) An extraordinary

#2

ID: c977cfcf

According to a team of neuroeconomists from the University of Zurich, ease of decision making may be linked to communication between two brain regions, the prefrontal cortex and the parietal cortex. Individuals tend to be more decisive if the information flow between the regions is intensified, whereas they make choices more slowly when information flow is \_\_\_\_\_.

Which choice completes the text with the most logical and precise word or phrase?

- A) reduced
- B) evaluated
- C) determined
- D) acquired

#3

ID: 1c7fe9be

At the turn of the twentieth century, Black residents of Richmond, Virginia, had few formal options for banking and other financial services. To \_\_\_\_\_ this situation, Maggie Lena Walker chartered the St. Luke Penny Savings Bank in 1903. The bank went on to provide home loans and savings opportunities to thousands of Black families over the following decades.

Which choice completes the text with the most logical and precise word or phrase?

- A) prolong
- B) rectify
- C) retain
- D) highlight

#4

ID: 757077f9

During a 2014 archaeological dig in Spain, Vicente Lull and his team uncovered the skeleton of a woman from El Algar, an Early Bronze Age society, buried with valuable objects signaling a high position of power. This finding may persuade researchers who have argued that Bronze Age societies were ruled by men to \_\_\_\_\_ that women may have also held leadership roles.

Which choice completes the text with the most logical and precise word or phrase?

- A) waive
- B) concede
- C) refute
- D) require

#5

ID: 84ece3f6

The following text is adapted from Nathaniel Hawthorne's 1844 short story "Drowne's Wooden Image." Drowne, a young man, is carving a wooden figure to decorate the front of a ship.

Day by day, the work assumed greater precision, and settled its irregular and misty outline into distincter grace and beauty. The general design was now obvious to the common eye.

As used in the text, what does the word "assumed" most nearly mean?

- A) Acquired
- B) Acknowledged
- C) Imitated
- D) Speculated

#6

ID: be612a26

Recent measurements of the mass of the *W* boson (a subatomic particle) were notable not only for the mere fact that the particle's mass differed from expectations but for the \_\_\_\_\_ of that difference: the measured mass of the *W* boson was seven standard deviations higher than predicted by the standard model of particle physics.

Which choice completes the text with the most logical and precise word or phrase?

- A) cause
- B) existence
- C) implication
- D) scale

#7

ID: 3f37eb3b

People sometimes dismiss a claim if it comes from a source they regard as self-interested, but from a strictly logical perspective, the source of a claim is \_\_\_\_: it has no direct bearing on whether the claim is true.

Which choice completes the text with the most logical and precise word or phrase?

- A) indistinct
- B) irrelevant
- C) indisputable
- D) implicit

#8

ID: 4974b053

Although science fiction was dominated mostly by white male authors when Octavia Butler, a Black woman, began writing, she did not view the genre as \_\_\_\_: Butler broke into the field with the publication of several short stories and her 1976 novel *Patternmaster*, and she later became the first science fiction writer to win a prestigious MacArthur Fellowship.

Which choice completes the text with the most logical and precise word or phrase?

- A) legitimate
- B) impenetrable
- C) compelling
- D) indecipherable

#9

ID: 710799ae

Cuttlefish appear to be surprisingly \_\_\_\_ at exercising self-control: in a 2021 study conducted by behavioral ecologist Alexandra Schnell, these cephalopods routinely demonstrated restraint by delaying gratification, waiting for a favorite treat instead of instantly devouring a readily available meal.

Which choice completes the text with the most logical and precise word or phrase?

- A) awkward
- B) imaginative
- C) manageable
- D) competent

#10

ID: 5a278f24

The work of molecular biophysicist Enrique M. De La Cruz is known for \_\_\_\_\_ traditional boundaries between academic disciplines. The university laboratory that De La Cruz runs includes engineers, biologists, chemists, and physicists, and the research the lab produces makes use of insights and techniques from all those fields.

Which choice completes the text with the most logical and precise word or phrase?

- A) epitomizing
- B) transcending
- C) anticipating
- D) reinforcing

#11

ID: 9107ad5c

Stars form in cloudlike swirls of gas and dust that cannot be touched, but astrophysicist Nia Imara believes these formations need not remain completely \_\_\_\_\_ to researchers: she uses simulation data and sophisticated 3D printers to produce interactive models of these stellar nurseries.

Which choice completes the text with the most logical and precise word or phrase?

- A) repeatable
- B) explicable
- C) regrettable
- D) intangible

#12

ID: e0656211

In *Nature Poem* (2017), Kumeyaay poet Tommy Pico portrays his \_\_\_\_\_ the natural world by honoring the centrality of nature within his tribe's traditional beliefs while simultaneously expressing his distaste for being in wilderness settings himself.

Which choice completes the text with the most logical and precise word or phrase?

- A) responsiveness to
- B) ambivalence toward
- C) renunciation of
- D) mastery over

#13

ID: 9aa44886

The following text is from F. Scott Fitzgerald's 1925 novel *The Great Gatsby*.

[Jay Gatsby] was balancing himself on the dashboard of his car with that resourcefulness of movement that is so peculiarly American—that comes, I suppose, with the absence of lifting work in youth and, even more, with the formless grace of our nervous, sporadic games. This quality was continually breaking through his punctilious manner in the shape of restlessness.

As used in the text, what does the word “quality” most nearly mean?

- A) Standard
- B) Prestige
- C) Characteristic
- D) Accomplishment

#14

ID: e8c26398

To develop a method for measuring snow depth with laser beams, NASA physicist Yongxiang Hu relied on \_\_\_\_\_; identifying broad similarities between two seemingly different phenomena, Hu used information about how ants move inside colonies to calculate how the particles of light that make up laser beams travel through snow.

Which choice completes the text with the most logical and precise word or phrase?

- A) a collaboration
- B) an accessory
- C) a contradiction
- D) an analogy

#15

ID: 4830ab87

The way in which individual elements are balanced within a photographic image tends to affect how viewers perceive it: symmetry tends to give the elements equal importance, asymmetry emphasizes differences, and radial balance (organizing the elements around a central point) emphasizes the center over the periphery. What a photograph conveys is therefore largely \_\_\_\_\_ how it is balanced.

Which choice completes the text with the most logical and precise word or phrase?

- A) inhibited by
- B) contingent on
- C) obligated to
- D) reserved for

#16

ID: b44066dc

Economist Jingting Fan argues that the effects of international trade may display spatial variation at sub-national levels. For instance, imported goods may reduce expenses for a country's average consumer, but for consumers living far from ports, high intranational transport costs could \_\_\_\_\_ the price advantages associated with imports.

Which choice completes the text with the most logical and precise word or phrase?

- A) nullify
- B) denigrate
- C) underestimate
- D) misconstrue

#17

ID: 8b46bb51

A journalist and well-respected art critic of nineteenth-century Britain, Lady Elizabeth Rigby Eastlake did not hesitate to publish reviews that went against popular opinion. One of her most divisive works was an essay questioning the idea of photography as an emerging medium for fine art: in the essay, Eastlake \_\_\_\_\_ that the value of photographs was informational rather than creative.

Which choice completes the text with the most logical and precise word or phrase?

- A) exposed
- B) asserted
- C) discovered
- D) doubted

#18

ID: 2e8ab360

Eighteenth-century historian Edward Gibbon thought the only character defect of the Roman emperor Marcus Aurelius was his mild temperament—though the emperor was widely considered virtuous, his overly permissive nature led him to \_\_\_\_\_ the vices of those who surrounded him.

Which choice completes the text with the most logical and precise word or phrase?

- A) indulge
- B) despise
- C) moderate
- D) criticize

#19

ID: d3ca5d59

Stephen Hannock’s luminous landscape paintings are appealing to viewers but have elicited little commentary from contemporary critics, a phenomenon that may be due to the very fact that the paintings seem so \_\_\_\_\_. Many critics focus their attention on art that is cryptic or overtly challenging.

Which choice completes the text with the most logical and precise word or phrase?

- A) innovative
- B) subversive
- C) profound
- D) accessible

#20

ID: c5b1afe5

Bicycle sharing systems allow users to rent a bicycle at one location within a city and return it to any other designated location in that city, which can cause serious problems of bicycle supply and user demand within the city’s system. Tohru Ikeguchi uses open-source data and statistical modeling to identify when a high number of users making one-way trips is likely to leave some locations within the system \_\_\_\_\_ bicycles and other areas with insufficient supply.

Which choice completes the text with the most logical and precise word or phrase?

- A) susceptible to
- B) contingent on
- C) saturated with
- D) depleted of

#21

ID: 81a3a607

In the Indigenous intercropping system known as the Three Sisters, maize, squash, and beans form an \_\_\_\_\_ web of relations: maize provides the structure on which the bean vines grow; the squash vines cover the soil, discouraging competition from weeds; and the beans aid their two “sisters” by enriching the soil with essential nitrogen.

Which choice completes the text with the most logical and precise word or phrase?

- A) indecipherable
- B) ornamental
- C) obscure
- D) intricate

#22

ID: 85083d4d

Disproving the common misconception of Native art as \_\_\_\_\_, the painters whose work appears in the collection at the National Museum of the American Indian employ a range of styles. There are artists working in the traditional arts of their specific tribal communities, artists working in European modernist or American abstract expressionist art traditions, and artists blending various traditions into something wholly new.

Which choice completes the text with the most logical and precise word or phrase?

- A) uncontroversial
- B) individualistic
- C) theoretical
- D) homogeneous

#23

ID: dc234d74

The recently observed gamma ray burst GRB 230307A lasted for 200 seconds, \_\_\_\_\_ for a burst generated by the merger of neutron stars. Bursts caused by neutron mergers typically last fewer than 2 seconds.

Which choice completes the text with the most logical and precise word or phrase?

- A) a coincidence
- B) a reprieve
- C) an incident
- D) an oddity

#24

ID: fce80a36

In 2008 a complete set of ancient *pessoi* (glass game pieces) was uncovered from beneath a paving stone in modern-day Israel. Due to their small size, *pessoi* were easily misplaced, making a whole set a rare find. This has led some experts to suggest that the set may have been buried intentionally; however, without clear evidence, archaeologists are left to \_\_\_\_\_ what happened.

Which choice completes the text with the most logical and precise word or phrase?

- A) speculate about
- B) dismiss
- C) expand on
- D) catalog



#25

ID: d4e8662d

The percentage of US forest land that a 2023 federal report identified as being either mature or old growth exceeds other recent estimates. Given how little \_\_\_\_\_ there is among scientists regarding the scope of these categories, this discrepancy shouldn't be surprising: forest researchers regularly dispute one another's classifications.

Which choice completes the text with the most logical and precise word or phrase?

- A) deliberation
- B) vigilance
- C) interest
- D) consensus

#26

ID: e37b9e34

Some researchers believe that the genes that enable groundhogs and certain other mammals to hibernate through the winter by slowing their breathing and heart rates and lowering their body temperature may be \_\_\_\_\_ in humans: present yet having essentially no effect on our bodily processes.

Which choice completes the text with the most logical and precise word or phrase?

- A) decisive
- B) lacking
- C) variable
- D) dormant

#27

ID: 1fa751f1

Handedness, a preferential use of either the right or left hand, typically is easy to observe in humans. Because this trait is present but less \_\_\_\_\_ in many other animals, animal-behavior researchers often employ tasks specially designed to reveal individual animals' preferences for a certain hand or paw.

Which choice completes the text with the most logical and precise word or phrase?

- A) recognizable
- B) intriguing
- C) significant
- D) useful

#28

ID: 62a18353

The following text is adapted from Zora Neale Hurston’s 1921 short story “John Redding Goes to Sea.” John wants to travel far beyond the village where he lives near his mother, Matty.

[John] had on several occasions attempted to reconcile his mother to the notion, but found it a difficult task. Matty always took refuge in self-pity and tears. Her son’s desires were incomprehensible to her, that was all.

As used in the text, what does the phrase “reconcile his mother to” most nearly mean?

- A) Get his mother to accept
- B) Get his mother to apologize for
- C) Get his mother to match
- D) Get his mother to reunite with

#29

ID: cd2ce51f

Like the 1945 play it reimagines—Federico García Lorca’s *The House of Bernarda Alba*—Marcus Gardley’s 2014 play *The House That Will Not Stand* prominently features women. In both plays, the all-female cast \_\_\_\_\_ an array of female characters, including a strong mother and several daughters dealing with individual struggles.

Which choice completes the text with the most logical and precise word or phrase?

- A) engulfs
- B) encourages
- C) comprises
- D) provokes

#30

ID: b4c6cff6

The following text is adapted from Karel Čapek’s 1920 play *R.U.R. (Rossum’s Universal Robots)*, translated by Paul Selver and Nigel Playfair in 1923. Fabry and Busman are telling Miss Glory why their company manufactures robots.

FABRY: One Robot can replace two and a half *workmen* . The human machine, Miss Glory, was terribly *imperfect* . It had to be removed sooner or later.

BUSMAN: It was too expensive.

FABRY: It was not *effective* . It no longer answers the requirements of *modern engineering* . Nature has no idea of keeping pace with *modern labor* .

As used in the text, what does the word “answers” most nearly mean?

- A) Explains
- B) Rebuts
- C) Defends
- D) Fulfills

#31

ID: d8d1ecaa

Business researcher Melanie Brucks and colleagues found that remote video conference meetings may be less conducive to brainstorming than in-person meetings are. The researchers suspect that video meeting participants are focused on staring at the speaker on the screen and don't allow their eyes or mind to wander as much, which may ultimately \_\_\_\_\_ creativity.

Which choice completes the text with the most logical and precise word or phrase?

- A) recommend
- B) criticize
- C) impede
- D) construct

#32

ID: e56b66e5

Set in a world where science fiction tropes exist as everyday realities, Charles Yu's 2010 novel *How to Live Safely in a Science Fictional Universe* traces a time traveler's quest to find his father. Because the journey at the novel's center is so \_\_\_\_\_, with the protagonist ricocheting chaotically across time, the reader often wonders whether the pair will ever be reunited.

Which choice completes the text with the most logical and precise word or phrase?

- A) haphazard
- B) premeditated
- C) inspirational
- D) fruitless

#33

ID: bce627d9

Mineralogical differences are detectable in samples collected from two locations on the near-Earth asteroid Ryugu, but such differences may not indicate substantial compositional variations in the asteroid. Cosmochemist Kazuhide Nagashima and colleagues note that at the small scale of the samples, the distribution of minerals is unlikely to be \_\_\_\_\_.

Which choice completes the text with the most logical and precise word or phrase?

- A) neglected
- B) redundant
- C) ongoing
- D) uniform

#34

ID: 1fbf276a

Interruptions in the supply chain for microchips used in personal electronics have challenged an economist's assertion that retailers can expect robust growth in sales of those devices in the coming months. The delays are unlikely to \_\_\_\_\_ her projection entirely but will almost certainly extend its time frame.

Which choice completes the text with the most logical and precise word or phrase?

- A) dispute
- B) withdraw
- C) underscore
- D) invalidate

#35

ID: f4166aae

In addition to being an accomplished psychologist himself, Francis Cecil Sumner was a \_\_\_\_\_ increasing the opportunity for Black students to study psychology, helping to found the psychology department at Howard University, a historically Black university, in 1930.

Which choice completes the text with the most logical and precise word or phrase?

- A) proponent of
- B) supplement to
- C) beneficiary of
- D) distraction for

#36

ID: 1107e7dc

Economists often assert that countries looking to increase their reliance on solar energy should expand their capacity for storage; having an ample reserve of stored energy can mitigate the effects of \_\_\_\_\_ solar energy collection caused by unpredictable shifts in cloud cover and haze.

Which choice completes the text with the most logical and precise word or phrase?

- A) developments of
- B) fluctuations in
- C) calibrations with
- D) incentives for

#37

ID: d7dccee7

In a 2019 study, Jeremy Gunawardena and colleagues found that the single-celled protozoan *Stentor roeseli* not only uses strategies to escape irritating stimuli but also switches strategies when one fails. This evidence of protozoans sophisticatedly “changing their minds” demonstrates that single-celled organisms may not be limited to \_\_\_\_\_ behaviors.

Which choice completes the text with the most logical and precise word or phrase?

- A) aggressive
- B) rudimentary
- C) evolving
- D) advantageous

#38

ID: 6c64a8f3

Ecologist Exequiel Ezcurra and colleagues found that the inhabitants of the Mexica empire used natural landmarks to track time with a high degree of \_\_\_\_\_. By observing the sun’s position in relation to various points on the mountains surrounding the Basin of Mexico, the Mexica were able to precisely identify the dates when significant events such as solstices occurred.

Which choice completes the text with the most logical and precise word or phrase?

- A) precariousness
- B) exactitude
- C) resilience
- D) inconspicuousness

#39

ID: 9c35759f

Novelist N. K. Jemisin declines to \_\_\_\_\_ the conventions of the science fiction genre in which she writes, and she has suggested that her readers appreciate her work precisely because of this willingness to thwart expectations and avoid formulaic plots and themes.

Which choice completes the text with the most logical and precise word or phrase?

- A) question
- B) react to
- C) perceive
- D) conform to

#40

ID: 6a1194e8

Rydra Wong, the protagonist of Samuel R. Delany's 1966 novel *Babel-17*, is a poet, an occupation which, in Delany's work, is not \_\_\_\_\_.: nearly a dozen of the characters that populate his novels are poets or writers.

Which choice completes the text with the most logical and precise word or phrase?

- A) infallible
- B) atypical
- C) lucrative
- D) tedious

#41

ID: 490b205f

In editor Lisa Yaszek's introduction to her anthology *The Future Is Female! More Classic Science Fiction Stories by Women*, Yaszek identifies an increasing sense of \_\_\_\_\_ feminist mode of writing in the 1970s, in contrast to many woman-authored science fiction stories of the 1920s to 1960s whose politics were less deliberately signaled.

Which choice completes the text with the most logical and precise word or phrase?

- A) a prudently
- B) an overtly
- C) a cordially
- D) an inadvertently

#42

ID: 94eb800d

For a 2020 exhibition, photographer and neurobiologist Okunola Jeyifous \_\_\_\_\_ a series of new images based on a series of alphabet posters from the 1970s known as the "Black ABCs," which featured Black children from Chicago. Jeyifous photographed the now-adult models and layered the photos over magnified images of the models' cells, resulting in what he called "micro and macro portraiture."

Which choice completes the text with the most logical and precise word or phrase?

- A) validated
- B) created
- C) challenged
- D) restored

#43

ID: c218cd98

In 1776, the United States sent Benjamin Franklin to France to try to win the country's support in the United States' fight for independence from Great Britain. Franklin was very popular in France. This \_\_\_\_\_ surely helped him to convince France to assist the United States.

Which choice completes the text with the most logical and precise word or phrase?

- A) thoughtfulness
- B) esteem
- C) controversy
- D) sincerity

#44

ID: d3104a68

Birds sing to communicate over potentially great distances. For this reason, many researchers believe that birds in densely vegetated habitats generally sing at lower frequencies than birds living in comparatively sparse habitats, since dense vegetation tends to \_\_\_\_\_ the distance that high-frequency sounds can travel.

Which choice completes the text with the most logical and precise word or phrase?

- A) exceed
- B) diminish
- C) encompass
- D) conceal

#45

ID: 8634bf4a

Diego Velázquez was the leading artist in the court of King Philip IV of Spain during the seventeenth century, but his influence was hardly \_\_\_\_\_ Spain: realist and impressionist painters around the world employed his techniques and echoed elements of his style.

Which choice completes the text with the most logical and precise word or phrase?

- A) derived from
- B) recognized in
- C) confined to
- D) repressed by

#46

ID: c843d63c

The artisans of the Igun Eronmwon guild in Benin City, Nigeria, typically \_\_\_\_\_ the bronze- and brass-casting techniques that have been passed down through their families since the thirteenth century, but they don't strictly observe every tradition; for example, guild members now use air-conditioning motors instead of handheld bellows to help heat their forges.

Which choice completes the text with the most logical and precise word or phrase?

- A) experiment with
- B) adhere to
- C) improve on
- D) grapple with