

- 1 Some foraging models predict that the distance bees travel when foraging will decline as floral density increases, but biologists Shalene Jha and Claire Kremen showed that bees' behavior is inconsistent with this prediction if flowers in dense patches are ____: bees will forage beyond patches of low species richness to acquire multiple resource types.
- 2 Investigating whether shared false visual memories—specific but inaccurate and widely held recollections of images such as product logos—are caused by people's previous ____ incorrect renditions of the images, researchers Deepasri Prasad and Wilma Bainbridge found that, in fact, such memories are often not explained by familiarity with erroneous versions of the images.
- 3 According to a US tax policy expert, state taxes are ____ other factors when considering an interstate move. Even significant differences in state taxation have almost no effect on most people's decisions, while differences in employment opportunities, housing availability, and climate are strong influences.
- 4 Given that the conditions in binary star systems should make planetary formation nearly impossible, it's not surprising that the existence of planets in such systems has lacked ____ explanation. Roman Rafikov and Kedron Silsbee shed light on the subject when they used modeling to determine a complex set of factors that could support planets' development.
- 5 Economist Marco Castillo and colleagues showed that nuisance costs—the time and effort people must spend to make donations—reduce charitable giving. Charities can mitigate this effect by compensating donors for nuisance costs, but those costs, though variable, are largely ____ donation size, so charities that compensate donors will likely favor attracting a few large donors over many small donors.

1

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

- A) depleted
- B) homogeneous
- C) immature
- D) dispersed

2

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

- A) compliance with
- B) exposure to
- C) criteria for
- D) forfeiture of

3

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

- A) consistent with
- B) representative of
- C) overshadowed by
- D) irrelevant to

4

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

- A) a discernible
- B) a straightforward
- C) an inconclusive
- D) an unbiased

5

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

- A) supplemental to
- B) predictive of
- C) independent of
- D) subsumed in

6 Whether the reign of a French monarch such as Hugh Capet or Henry I was historically consequential or relatively uneventful, its trajectory was shaped by questions of legitimacy and therefore cannot be understood without a corollary understanding of the factors that allowed the monarch to ___ his right to hold the throne.

7 Rejecting the premise that the literary magazine *Ebony and Topaz* (1927) should present a unified vision of Black American identity, editor Charles S. Johnson fostered his contributors' diverse perspectives by promoting their authorial autonomy. Johnson's self-effacement diverged from the editorial stances of W.E.B. Du Bois and Alain Locke, whose decisions for their publications were more ___.

8 The guiro, a musical instrument traditionally made from a dried and hollowed gourd, is thought to have originated with the Tafno people of Puerto Rico. Players use a wooden stick to scrape along ridges cut into the side of the gourd, creating sounds that are highly ___: the sounds produced by guiros can differ based on the distance between the ridges, the types of strokes the player uses, and the thickness of the gourd.

9 Researcher Haesung Jung led a 2020 study showing that individual acts of kindness can ___ prosocial behavior across a larger group. Jung and her team found that bystanders who witness a helpful act become more likely to offer help to someone else, and in doing so, can inspire still others to act.

10 The author's claim about the relationship between Neanderthals and *Homo sapiens* is ___, as it fails to account for several recent archaeological discoveries. To be convincing, his argument would need to address recent finds of additional hominid fossils, such as the latest Denisovan specimens and *Homo longi*.

6

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

- A) disengage
- B) annotate
- C) buttress
- D) reciprocate

7

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

- A) proficient
- B) dogmatic
- C) ambiguous
- D) unpretentious

8

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

- A) overlooked
- B) powerful
- C) routine
- D) variable

9

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

- A) require
- B) remember
- C) foster
- D) discourage

10

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

- A) disorienting
- B) tenuous
- C) nuanced
- D) unoriginal

11 While scholars believe many Mesoamerican cities influenced each other, direct evidence of such influence is difficult to ascertain. However, recent excavations in a sector of Tikal (Guatemala) unearthed a citadel that shows ___ Teotihuacan (Mexico) architecture—including a near replica of a famed Teotihuacan temple—providing tangible evidence of outside influence in portions of Tikal.

12 The following text is adapted from Oscar Wilde's 1895 play *The Importance of Being Earnest*.

CECILY: Have we got to part?

ALGERNON: I am afraid so. It's a very painful parting.

CECILY: It is always painful to part from people whom one has known for a very brief space of time. The absence of old friends one can endure with equanimity. But even a momentary separation from anyone to whom one has just been introduced is almost unbearable.

13 Seminole/Muscogee director Sterlin Harjo ___ television's tendency to situate Native characters in the distant past: this rejection is evident in his series *Reservation Dogs*, which revolves around teenagers who dress in contemporary styles and whose dialogue is laced with current slang.

14 In studying the use of external stimuli to reduce the itching sensation caused by an allergic histamine response, Louise Ward and colleagues found that while harmless applications of vibration or warming can provide a temporary distraction, such ___ stimuli actually offer less relief than a stimulus that seems less benign, like a mild electric shock.

15 The work of Kiowa painter T.C. Cannon derives its power in part from the tension among his ___ influences: classic European portraiture, with its realistic treatment of faces; the American pop art movement, with its vivid colors; and flatstyle, the intertribal painting style that rejects the effect of depth typically achieved through shading and perspective.

11

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

- A) refinements of
- B) precursors of
- C) commonalities with
- D) animosities toward

12

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

- A) Regret
- B) Persist
- C) Tolerate
- D) Encourage

13

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

- A) repudiates
- B) proclaims
- C) foretells
- D) recants

14

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

- A) deceptive
- B) innocuous
- C) novel
- D) impractical

15

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

- A) complementary
- B) unknown
- C) disparate
- D) interchangeable

16 Scholarly discussions of gender in Shakespeare's comedies often celebrate the rebellion of the playwright's characters against the rigid expectations ___ by Elizabethan society. Most of the comedies end in marriage, with characters returning to their socially dictated gender roles after previously defying them, but there are some notable exceptions.

17 The province of Xoconochco was situated on the Pacific coast, hundreds of kilometers southeast of Tenochtitlan, the capital of the Aztec Empire. Because Xoconochco's location within the empire was so ___, cacao and other trade goods produced there could reach the capital only after a long overland journey.

18 Critics have asserted that fine art and fashion rarely ___ in a world where artists create timeless works for exhibition and designers periodically produce new styles for the public to buy. Luiseno/Shoshone-Bannock beadwork artist and designer Jamie Okuma challenges this view: her work can be seen in the Metropolitan Museum of Art and purchased through her online boutique.

19 New and interesting research conducted by Suleiman A. Al-Sweedan and Moath Alhaj is inspired by their observation that though there have been many studies of the effect of high altitude on blood chemistry, there is a ___ studies of the effect on blood chemistry of living in locations below sea level, such as the California towns of Salton City and Seeley.

20 Close analysis of the painting *Girl with a Flute*, long attributed to the seventeenth-century Dutch painter Johannes Vermeer, has revealed subtle deviations from the artist's signature techniques. These variations suggest that the work may be that of a student under Vermeer's tutelage—potentially ___ our understanding of Vermeer as a solitary artist.

16

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

- A) interjected
- B) committed
- C) illustrated
- D) prescribed

17

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

- A) unobtrusive
- B) concealed
- C) approximate
- D) peripheral

18

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

- A) prevail
- B) succumb
- C) diverge
- D) intersect

19

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

- A) quarrel about
- B) paucity of
- C) profusion of
- D) verisimilitude in

20

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

- A) negating
- B) prefiguring
- C) entrenching
- D) substantiating

- 21 Within baleen whale species, some individuals develop an accessory spleen—a seemingly functionless formation of splenic tissue outside the normal spleen. Given the formation's greater prevalence among whales known to make deeper dives, some researchers hypothesize that its role isn't ____; rather, the accessory spleen may actively support diving mechanisms.
- 22 While most animals are incapable of passing somatic mutations—genetic alterations that arise in an organism's nonreproductive cells—on to their offspring, elkhorn coral (*Acropora palmata*) presents an intriguing ____: in a 2022 study, researchers found that elkhorn coral produced offspring that inherited somatic mutations from a parent.
- 23 It is by no means ____ to recognize the influence of Dutch painter Hieronymus Bosch on Ali Banisadr's paintings; indeed, Banisadr himself cites Bosch as an inspiration. However, some scholars have suggested that the ancient Mesopotamian poem *Epic of Gilgamesh* may have had a far greater impact on Banisadr's work.
- 24 As an undergraduate researcher in anthropology, Jennifer C. Chen contributed to a groundbreaking study challenging the accepted view that among prehistoric peoples, female participation in hunting was _____. The research team's review of data from late Pleistocene and early Holocene burials in the Americas revealed that, in fact, as many as half of the hunters in those populations were female.
- 25 Some economic historians ____ that late nineteenth- and early twentieth-century households in the United States experienced an economy of scale when it came to food purchases—they assumed that large households spent less on food per person than did small households. Economist Trevon Logan showed, however, that a close look at the available data disproves this supposition.

21

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

- A) replicable
- B) predetermined
- C) operative
- D) latent

22

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

- A) hypothesis
- B) affinity
- C) anomaly
- D) corroboration

23

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

- A) substantial
- B) satisfying
- C) unimportant
- D) appropriate

24

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

- A) inevitable
- B) satisfactory
- C) negligible
- D) commonplace

25

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

- A) surmised
- B) contrived
- C) questioned
- D) regretted

- 26 The following text is adapted from George Eliot's 1871-72 novel *Middlemarch*.

[Mr. Brooke] had travelled in his younger years, and was held in this part of the country to have contracted a too rambling habit of mind. Mr. Brooke's conclusions were as difficult to predict as the weather.

- 27 Some scientists have suggested that mammals in the Mesozoic era were not a very ___ group, but paleontologist Zhe-Xi Luo's research suggests that early mammals living in the shadow of dinosaurs weren't all ground-dwelling insectivores. Fossils of various plant-eating mammals have been found in China, including species like *Vilevolodon diplomylos*, which Luo says could glide like a flying squirrel.

- 28 For her 2021 art installation *Anthem*, Wu Tsang joined forces with singer and composer Beverly Glenn-Copeland to produce a piece that critics found truly ___: they praised Tsang for creatively transforming a museum rotunda into a dynamic exhibit by projecting filmed images of Glenn-Copeland onto a massive 84-foot curtain and filling the space with the sounds of his and other voices singing.

- 29 As discussed by scholar Anna Mladentseva, many artworks produced in the mid-1990s to the early 2000s exclusively for exhibition on the internet, such as Sinae Kim's *Genesis* (2001), have become inaccessible because viewing them requires the use of _____ software (most notably Adobe Flash, discontinued in 2021).

- 30 K.D. Leka and colleagues found that the Sun's corona provides an advance indication of solar flares—intense eruptions of electromagnetic radiation that emanate from active regions in the Sun's photosphere and can interfere with telecommunications on Earth. Preceding a flare, the corona temporarily exhibits increased brightness above the region where the flare is _____.

26

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

- A) Restricted
- B) Described
- C) Developed
- D) Settled

27

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

- A) predatory
- B) obscure
- C) diverse
- D) localized

28

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

- A) restrained
- B) inventive
- C) inexplicable
- D) mystifying

4

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

- A) defunct
- B) arcane
- C) ubiquitous
- D) extraneous

4

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

- A) antecedent
- B) impending
- C) innocuous
- D) perpetual

31 To demonstrate that the integrity of underground metal pipes can be assessed without unearthing the pipes, engineer Aroba Saleem and colleagues _____ the tendency of some metals' internal magnetic fields to alter under stress: the team showed that such alterations can be measured from a distance and can reveal concentrations of stress in the pipes.

32 Despite the generalizations about human behavior they have produced, many studies of behavioral psychology have used highly unrepresentative subject pools: students at the colleges and universities where the researchers are employed. To _____ this situation, it is necessary to actively recruit subjects from diverse backgrounds and locations.

33 While recent scholarship has undermined claims that the works of twelfth-century Islamic philosopher Ibn Rushd were _____ other Muslim philosophers of his time, it is indisputable that his location in the Muslim-ruled area of what is now Spain meant that his works were primarily available thousands of miles west of the era's center of Islamic thought.

34 The War of 1812 has place in historical memory in Britain, partly because it is overshadowed by the much larger concurrent conflict against Napoleonic France and partly because it essentially maintained the geopolitical status quo for Britain: the country neither gained nor lost significant territory or position as a result of its participation in the war.

35 In 1891, design artist William Morris cofounded the Kelmscott Press, which printed editions of books using preindustrial methods. Historians argue that Morris's repudiation of industrialization is _____ the Kelmscott editions' use of handmade materials and intricate ornamentation reminiscent of medieval manuscripts: these meticulously handcrafted elements exemplify the artistry involved.

2

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

- A) hypothesized
- B) discounted
- C) redefined
- D) exploited

3

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

- A) sanction
- B) ameliorate
- C) rationalize
- D) postulate

5

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

- A) controversial among
- B) antagonistic toward
- C) imitated by
- D) inconsequential to

1

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

- A) a tenuous
- B) an enduring
- C) a contentious
- D) a conspicuous

2

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

- A) insensible to
- B) manifest in
- C) scrutinized by
- D) complicated by

36 _____ the long-standing trend of overemphasizing teenagers and young adults in research on social media use, scholars have recently begun to expand their focus to include the fastest-growing cohort of social media users: senior citizens.

37 The following text is adapted from James Baldwin's 1956 novel *Giovanni's Room*. The narrator is riding in a taxi down a street lined with food vendors and shoppers in Paris, France.

The multitude of Paris seems to be dressed in blue every day but Sunday, when, for the most part, they put on an unbelievably festive black. Here they were now, in blue, disputing, every inch, our passage, with their wagons, handtrucks, their bursting baskets carried at an angle steeply self-confident on the back.

©1956 by James Baldwin

38 Environmental engineer Florentino De la Cruz has shown that it is misleading to treat municipal solid waste (MSW) as _____ when determining MSW decay rates. Grass in MSW decays at a rate more than 10 times that of corrugated containers, for example, making compositional specification a crucial precondition for determining MSW decay rates.

39 The following text is from the 1989 novel *The Ancient Child* by Kiowa writer N. Scott Momaday.

The main character has achieved tremendous commercial success as a painter. More and more often he was asked to compromise his art or himself in one way or another, and more often than not he did so, for he was inclined to be passive and naïve; it was difficult for him to say no. Those who exhibited his work, who praised and purchased it, and who demanded its proliferation began to determine it.

©1989 by N. Scott Momaday

3

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

- A) Exacerbating
- B) Redressing
- C) Epitomizing
- D) Precluding

4

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

- A) Arguing about
- B) Disapproving of
- C) Asserting possession of
- D) Providing resistance to

5

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

- A) inviolable
- B) innocuous
- C) undifferentiated
- D) ubiquitous

127

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

- A) Conclude
- B) Dictate
- C) Evaluate
- D) Select

40 The creation of Lotte Reiniger's 1926 animated film *The Adventures of Prince Achmed* was _____ process. Over the course of three years, Reiniger and her collaborators painstakingly made more than 250,000 individual images of hand-cut paper silhouettes and repeatedly had to invent entirely new methods and tools to create the special effects Reiniger envisioned.

41 Diadromous fish migrate between freshwater and marine biomes during their life cycle. The migration's obligate nature is why diadromous fish can be _____ those that are merely euryhaline (able to tolerate high salinity): the euryhaline blackchin tilapia can survive high salinity, but its life cycle does not involve relocation to a different biome, as does that of the diadromous wild salmon.

42 One popular theory of the origin of the Moon, the "big whack," posits that a protoplanet called Theia collided with Earth, flinging debris into orbit that eventually coalesced into the Moon. Until recently, Theia was _____ but researcher Qian Yuan and colleagues now claim to have identified pieces of the protoplanet in the lowermost section of Earth's mantle.

43 In 2016, Gabriela González and team announced that a chirping sound captured by Laser Interferometer Gravitational-Wave Observatory antennas was direct evidence of gravitational waves, which skeptics had argued would be too faint for detection. Detailed statistical analysis helped preclude claims of the event's _____, confirming the signal at a confidence level of over 99%.

44 Political blogs with conspicuous ideological alignments became an integral component of US media in the early 2000s. While some commentators lauded this development, asserting that such blogs had a welcome transparency missing from traditional news, less _____ observers countered that such blogs tended to ideological extremes that exacerbated political polarization to problematic levels.

2

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

- A) a haphazard
- B) a contentious
- C) an ineffectual
- D) an arduous

3

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

- A) demarcated from
- B) reconstituted as
- C) conflated with
- D) derived from

4

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

- A) desultory
- B) spurious
- C) veritable
- D) notional

3

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

- A) inconspicuousness
- B) discretion
- C) ambiguity
- D) probability

4

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

- A) sanguine
- B) recalcitrant
- C) misanthropic
- D) earnest

45 Barring major archaeological discoveries, we are unlikely to ever have _____ account of ancient Egypt under the female pharaoh Hatshepsut, as much of the evidence of her reign was deliberately destroyed by her successors.

46 Proposals to raise the age at which retirees begin receiving government transfers of funds are generally discussed in terms of the effects on transfer recipients, but Andria Smythe has argued that delaying such transfers could _____ wealth creation among working adults by lengthening the period in which they are providing financial support to their nonworking parents.

47 Businesses typically try to promote themselves, but research by Michael Luca, Abhishek Nagaraj, and Gauri Subramani suggests that some do not _____ their marketing. The researchers studied restaurants in Texas and found that those listed on a popular review website (which can be done at no cost) had revenue increases of 5 percent on average, but 33 percent of restaurants studied never listed on the site.

48 In a study of residential mobility in Washington, DC, LaTanya Brown-Robertson et al. found that increases in households pending power (via tax credits) had mixed effects on mobility decisions, possibly because residential location choices are not fully reducible to economic factors but are also _____ noneconomic factors such as access to strong local social networks.

49 Text corpora such as the Bank of English are enormous collections of electronically stored texts that can be used for empirical testing of hypotheses regarding the frequency of typical word usage. If one has a _____ that the word “get” has a high incidence in English, for example, an analysis of a corpus can support that hypothesis by showing that “get” is the fifth most commonly used verb.

2

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

- A) an imaginative
- B) a superficial
- C) an exhaustive
- D) a questionable

4

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

- A) stymie
- B) compound
- C) disparage
- D) outstrip

49

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

- A) adorn
- B) optimize
- C) endorse
- D) counteract

51

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

- A) transposed with
- B) mediated by
- C) decoupled from
- D) antecedent to

59

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

- A) recognition
- B) scheme
- C) supposition
- D) synopsis

- 50 Containing over 160 billion base pairs of DNA resulting from polyploidy (whole genome duplication) and accumulation of noncoding DNA without significant deletion, the genome of *Tmesipteris oblancoolata* (New Caledonian fork fern) is the largest known among eukaryotes—and, given the high biological costs of extremely large genomes, is unlikely to be . _____
- 51 Despite how _____ they may seem on first glance, the works of the philosopher Georg Hegel have proven to be quite influential. Readers who manage to penetrate Hegel's frustratingly dense prose often find that his thrillingly original and profound ideas wind up shaping their own thinking.
- 52 Despite stated claims of global relevance, much major research on income inequality performed in the 2010s suffered from a myopic focus on a few countries in North America and Western Europe, partly due to limited data availability. Researchers would later _____ this shortcoming after gaining new access to banking records located in nations in Africa, such as Tunisia, and Eastern Europe, such as Hungary.
- 53 In the 2010s, the price of pop music cassette tapes from the 1980s and 1990s rose dramatically, which had the counter intuitive effect of _____ demand: buyers who hadn't previously wanted to purchase vintage cassettes thronged the market, believing prices would continue to rise and the tapes could be resold later at a profit.

67

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

- A) protracted
- B) superseded
- C) curtailed
- D) obviated

71

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

- A) authoritative
- B) opaque
- C) empirical
- D) facile

74

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

- A) presuppose
- B) categorize
- C) mitigate
- D) validate

75

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

- A) exploiting
- B) monetizing
- C) appraising
- D) engendering

ANSWERS

1. B
2. B
3. C
4. B
5. C
6. C
7. B
8. D
9. C
10. B
11. C
12. C
13. A
14. B
15. C
16. D
17. D
18. D

19. B
20. A
21. D
22. C
23. C
24. C
25. A
26. C
27. C
28. B
29. A
30. B
31. D
32. B
33. D
34. A
35. B
36. B

37. D
38. C
39. B
40. D
41. A
42. D
43. C
44. A
45. C
46. A
47. B
48. B
49. C
50. B
51. B
52. C
53. D