Text 1

In southern and central Georgia, many buildings and other structures rest on soil that is expansive, meaning that it swells or shrinks as its moisture level changes. Civil engineer Jay X. Wang has noted that the effects of expansive soil appear slowly in the form of gradually growing cracks in foundations, walls, and pavements. Because these effects are incremental and can generally be repaired (though at some cost), structures in southern and central Georgia are typically not built to resist them.

Text 2

In a 2021 study, Rubayet Bin Mostafiz and colleagues calculated that in the state of Louisiana alone, the annual cost of damage caused by expansive soils reaches nearly $90 million. But they note that this damage can be mitigated: building vapor barriers between structural foundations and the soil can significantly reduce the effects of soil swelling and shrinking.

Based on the texts, how would Rubayet Bin Mostafiz and colleagues (Text 2) most likely respond to the information presented in Text 1?

A) They would encourage engineers in southern and central Georgia to insert vapor barriers between new structures' foundations and the surrounding soil.

B) They would argue that engineers in southern and central Georgia have misjudged the effectiveness of the techniques they use to reduce the effects of expansive soil.

C) They would suggest that engineers in southern and central Georgia consider the cost of reinforcing the vapor barriers between existing structural foundations and the soil.

D) They would recommend that engineers in southern and central Georgia measure the moisture level in the soil beneath proposed structures before beginning construction.

2)

Text 1

Scholarship today overrepresents experimentally fragmented narrative structures, such as that of William Faulkner's As I Lay Dying, beyond the degree to which they actually influenced fiction in the United States during the modernist period (roughly 1900-1945). Meanwhile, Ellen Glasgow's Barren Ground, whose coherent, linear narrative structure

recalls the fiction of previous centuries, attracts woefully little attention from scholars of modernism.

Text 2

Distant reading, or computer-assisted quantitative analysis of massive collections of digitized texts, can reveal stylistic elements that have heretofore escaped notice, despite being shared by numerous texts from the modernist period. For too long, scholars have focused on narrative fragmentation versus coherence, inhibiting inquiry into other points of stylistic correspondence among works that would enrich our understanding of the modernist canon.

Based on the texts, both the author of Text 1 and the author of Text 2 would most likely agree with which statement about scholarship on the modernist period in the United States?

A Its primary methods for analyzing fiction written in the period are growing obsolete as computer technology advances.

B Instead of engaging in unproductive debates, it should work to rehabilitate the reputations of neglected modernist works.

C At present, it only partially captures the stylistic dimensions of the fiction written in the period.

D It must widen its focus to include aspects of modernist fiction beyond style, a productive but overrepresented site of inquiry.

3)

Asteroid 6478 Gault has experienced intermittent mass loss since at least 2013, but in contrast to some other asteroids with repeated mass-loss episodes 6478 Gault has not lost mass at its perihelion (the closest point of its orbit to the Sun), and thus the loss is not attributable to solar energy-driven ice vaporization. And as Jane X. Luu et al. point out, the singular nature of impact ejection makes it untenable as an account of multiple loss episodes of similar duration over several years. Instead, Luu et al. are likely correct that 6478 Gault is shedding mass due to rotational instability.

Which choice best describes the overall structure of the text?

A It describes an astronomical finding, discusses competing theories about that finding that the author regards as flawed, and then describes new evidence that supports an alternative theory.

B It presents a scientific observation, describes a contrast between that observation and other observations, and then explains why those other observations should not be considered credible.

C It introduces a natural phenomenon, refutes two potential explanations for that phenomenon, and then presents a third explanation for that phenomenon that the author regards as plausible.

D It discusses a physical process, evaluates possible causes of that process, and then states that a persuasive account of the process has yet to be put forward.

4)

The Vizcaya is just one of approximately three million know shipwrecks spread throughout the world's ocean, and their impact on sea life and underwater ecosystems is of great interest to researchers. Rachel Mugge and colleagues were particularly curious about the effects of wooden shipwrecks on seafloor microbial communities. The researchers studied two wooden shipwrecks in the Gulf of Mexico by placing pieces of pine and oak between zero and 200 meters away from each shipwreck to collect samples of three kinds of microbes: bacteria, archaea, and fungi. They found that across the three microbial communities, peak diversity and richness was observed on pine and oak samples placed approximately 125 meters from the shipwrecks.

Which choice best describes the overall structure of the text?

A. It states the number of known shipwrecks, describes the historical significance of one of those shipwrecks, and then comments on the various microbes found at the shipwreck site.

B. It introduces a study of microbial communities near shipwrecks that has received significant scholarly attention, summarizes the results of that study, and then describes a research team's reaction to the study.

C. It names a famous historical shipwreck, describes the type of wood used to build that ship, and then explains how that wood type influences underwater microbial communities.

D. It notes a general scientific interest in shipwrecks' ecological effects, describes a specific study related to that interest, and then states one of the study's findings.

5) The following text is from Lady Gregory's 1904 play spreading the News. MRS Tarpey, Bartley, and Mrs. Fallon have been buying and selling goods at their local fair.

MRS. TARPEY: Good morrow, Bartley Fallon; good morrow, Mrs. Fallon. Well, Bartley, you'll find no cause for complaining to-day; they are all saying it was a good fair.

BARTLEY: (Raising his voice.) It was not a good fair. Mrs. Tarpey. It was a scattered sort of a fair. If we didn't expect more, we got less. That's the way with me always; whatever I have to sell goes down and whatever I have to buy goes up. If there's ever any misfortune coming to this world, it's on myself it pitches, <u>like a flock of crows on seed potatoes.</u>

Which choice best describes the function of the underlined portion in the text as a whole?

A. It presents a vivid image to emphasize a claim that Bartley makes.

B. It describes an event that Bartley observed at the fair.

C. It expresses doubt about the truth of a claim that Bartley made.

D. It indicates the degree to which Mrs. Tarpey doubts a certain event will occur.

6) The following text is from Lady Gregory's 1904 play spreading the News. Jack Smith and Bartley Fallon have been buying and selling goods at their local fair.

JACK: It isn't to the fair I came myself, but up to the Five Acre Meadow I'm going, where I have a contract for the hay. We'll get a share of it into tramps [drying stacks] to-day.

BARTLEY: You will not get it into tramps to-day. The rain will be down on it by evening, and on myself too. It's seldom I ever started on a journey but the rain would come down on me before I'd find any place of shelter.

JACK: If it didn't itself. Bartley, it is my belief you would carry a leaky pail on your head in place of a hat, that way you'd not be without some cause of complaining.

Based on the text, what does Jack most likely believe about Bartley?

A. Bartley will be able to help Jack with cutting the hay.

B. Bartley is concerned that Jack hasn't prepared for the weather.

C. Bartley is a poor judge of the weather.

D. Bartley will find fault with any situation.

7) Some pharmaceuticals contain titanium dioxide nanoparticles (TiO2-NPs) which can lead into waterways and soils via wastewater. In 2014 study, Cheng Tan and Wen-Xiong Wang found that TiO2-NPs can accumulate in the bodies of water fleas (Daphnia magna). While bioaccumulation of manufactured nanoparticles may be inherently worrisome, it has been hypothesized that TiO2-NP bioaccumulation in invertebrates like D. magna could serve a valuable proxy role, obviating the need for manufacturers to conduct costly and intrusive sampling of vertebrate species-such as Chinook salmon (Oncorhynchus tshawytscha), commonly used in regulatory compliance testing-for nanoparticle bioaccumulation, as environmental protection laws currently require.

Which finding, if true, would most directly support the hypothesis presented in the text?

A In comparable environments, D. magna and O. tshawytscha display comparable rates of TiO2-NP uptake.

B Compared with O. tshawytscha, D. magna can tolerate significantly higher TiO2-NP concentrations without displaying any negative effects.

C It is easier to detect low and harmless concentrations of TiO2-NPs in D. magna than it is to detect high and harmful concentrations of TiO2-NPs in O. tshawytscha.

D TiO2-NP concentrations in D. magna tend to vary more from individual to individual than do TiO2-NP concentrations in O. tshawytscha when the species are exposed to similar levels of TiO2-NPs.

8) In a 2017 study ,Nikita Sharma and Rekha Dayal found that for consumers who value environmental conservation, theis likelihood for purchasing a product increased when their perception of the product's effectiveness at addressing an environmental issue increased-in other words, the more environmentally friendly a product is perceived to be by a consumer the more likely that consumer is to buy it. Subsequently, another research team conducted a study of various demographic groups in Chile, investigating participants'

intention to purchase a new food product, and found that, on average, middle-aged adults gave the food product a higher environmental effectiveness rating than any other demographic group did. Assuming that the results of Sharma and Dayal's study are broadly applicable, this finding suggests that_____

Which choice most logically completes the text?

A.there is not a meaningful difference in the average likelihood of purchasing environmentally friendly products among the demographic groups included in the study.

B.the new food product is less appealing to middle-aged adults than other similar products on the market are.

C.middle-aged adults might be more likely than participants in the other demographic groups to purchase the food product.

D.middle-aged adults likely prioritize other factors over a product's environmental sustainability when making purchasing decisions.

9) Monthly Temperatures and Wing Centroid Sizes of Fruit Fly Specimens

Monthly Temperatures and Wing Centroid Sizes of Fruit Fly Specimens

Month	Average high (°F)	Average low (°F)	Average male wing centroid size (mm)	Average female wing centroid size (mm)
October	67	44	1.98	2.29
May	73	50	1.98	2.27
July	87	62	2.02	2.31
September	80	54	1.98	2.27

Drosophila (fruit flies) have generation times of 10-12 days, so seasonal changes in humidity and other environmental conditions can drive seasonal fluctuations in chromosome rearrangements in species such as D. persimilis and D. subobscura. Drosophila body size (for which wing centroid size serves as a proxy measure) correlates with reproductive fitness. Banu Şebnem Onder and Cansu Fidan Aksoy measured the wing sizes of members of a D. melanogaster population in Yesiloz, Turkey, that were collected

monthly between May and October over three years. Their research suggests that Drosophila collected in relatively warmer months should tend to have greater reproductive fitness, as is illustrated by the finding that_____

Which choice most effectively uses data from the table to complete the assertion?

A. the average male wing centroid size was 1.98 mm in September but was 2.31 mm in July.

B. the average female wing centroid size was consistently larger than the male wing centroid size in all four months in the table.

C. the average monthly low temperature was higher in September than in May.

D. the average female wing centroid size was larger in July than in May.

10)

Simulated Change in Annual Aquifer Input and Irrigation Output if Precipitation Concentration Increases as Climate Models Predict

Baseline concentration of annual precipitation	% change in water entering aquifers	% change in surface water used for irrigation	% change in groundwater used for irrigation
Precipitation is currently somewhat concentrated	4.9	0.4	0.9
Precipitation is currently evenly distributed	11.0	9.0	7.9

Some climate models for the western United States predict that while total annual precipitation may remain unchanged from the present level, precipitation will become concentrated into fewer but more intense rain and snow events. University of Texas climate scientist Geeta Persad and her colleagues simulated how the amount of water entering aquifers and the amount being used for irrigation purposes would change if this were to occur Persad and her colleagues concluded that concentration of precipitation into fewer events would result in a higher number of dry days, triggering more irrigation, but that this change in irrigation output is highly sensitive to the baseline concentration of precipitation that currently exists in an area.

Which choice best describes data from the table that support Persad and her colleagues' conclusion?

A. If baseline precipitation is somewhat concentrated, the amount of water being used for irrigation will increase 0.4% for surface water and 0.9% for groundwater, whereas the amount of water entering aquifers will increase 11.0% if baseline precipitation is evenly distributed.

B. If baseline precipitation is somewhat concentrated, water use for irrigation will increase only slightly, whereas it will increase 9.0% for surface water and 7.9% for groundwater if baseline precipitation is evenly distributed.

CIfhaseline precinitation is somewhat concentrated the amount of water entering aquifers will increase 4.9%, while the amount being used for irrigation will increase 0.4% for surface water and 0.9% for groundwater.

D) If baseline precipitation is somewhat concentrated, water use for irrigation will decline by a small amount, whereas it will increase 11.0% foe surface water and 9.0% for ground water if baseline precipitation is evenly distributed.

11) The bird species Myiobius barbatus (the bearded flycatcher), which forages in relatively dense vegetation, and Platyrinchus saturatus (the cinnamon-crested spadebill), which forages in open areas or low-density vegetation, share territory in French Guiana with Thainnomanes caesius (the cinereous antshrike), which emits a loud alarm call when it detects predators. Biologist Ari Martinez and colleagues, who studied the ecological community the species share, hypothesized that there is an inverse relationship between birds' field of vision while foraging and their sensitivity to alarm calls from neighboring species.

Which finding, if true, would most directly support Martinez and colleagues hypothesis?

A.When Martinez and colleagues played T caesius alarm calls, M. barbatus and P. saturatus displayed no reaction, whereas T. caesius displayed predator-avoidance behavior.

B.Many local bird species with similar foraging habits to those of M barbatus displayed no reaction when Martinez and colleagues played T. caesius alarm calls, whereas M. barbatus displayed predator-avoidance behavior.

C.Some individuals of P. saturatus displayed predator-avoidance behavior when Martinez and colleagues played T. caesius alarm calls, whereas nearly all did when M. barbatus alarm calls were played.

D.P. saturatus displayed no reaction when Martinez land colleagues played T. caesius alarm calls, whereas M. barbatus displayed predator avoidance behavior in response to the calls.

12) Neurobiologists Laura Cuaya, Raúl Hernandez-Pérez, and colleagues investigated the language detection abilities of eighteen dogs of various ages. The researchers monitored the brain activity of Maverick (a 117-month-old border collie), Mini (a 126-month-old mixed breed), and other dogs while the animals listened to three recordings: one of The Little Prince being read in Spanish, the second in Hungarian, and a third made up of short, randomly selected fragments of the first two, scrambled so that they didn't resemble human speech. Each of the dogs was familiar with either Spanish or Hungarian, but not both. The team concluded that the younger the dog, the worse it may be at differentiating between familiar and unfamiliar languages.

Which finding from the study, if true, would most directly support the team's conclusion?

A) As the age of the dog scanned decreased, so did the amount of brain activity in response to hearing the language the dog was accustomed to or the other language, but not in response to hearing the scrambled recording.

B) The similarity between the pattern of brain activity a dog showed in response to hearing the scrambled recording and the pattern it showed in response to hearing the language it was not accustomed to was lowest among younger dogs.

C) Dogs showed a different pattern of brain activity when hearing the language they were accustomed to than when hearing the other language, and the difference in brain activity decreased as the age of the dog scanned decreased.

D) Although the dogs' general hearing sensitivity declined with age, dogs of all ages showed more brain activity in response to hearing the language they were accustomed to than in response to hearing the other language.

13) Many contemporary Indigenous painters practice a specifically Indigenous mode of abstraction: for example, Linda Lomahaftewa often assembles compositions out of motifs common in the ceramics and other traditional arts of the Hopi Tribe. In contrast, the prominent Indigenous practitioners of abstract painting during the mid-twentieth century, such as the Kiowa artist T. C. Cannon, typically aligned their compositional strategies with Abstract Expressionism-a school of painting dominated by European American artists-instead of with traditionally nonrepresentational forms of Indigenous art. Thus, in the case of Cannon's generation, the identification of an abstract painting as Indigenous art tends to_____

Which choice most logically completes the text?

A depend not on stylistic details but instead on an awareness of the artist's identity.

B place a greater emphasis on the artist's biography than on the aesthetic merit of the painting.

C obscure the Indigenous origins of certain motifs associated with Abstract Expressionism.

D deny the extent to which cultural identity influences an artist's work.

14)

Text 1

The University of Ohio and the startup accelerator Z Combinator are two of the many institutions offering training programs in entrepreneurship. But what results do such programs produce? In a study of small business managers in India, researcher Chris Friedrich and colleagues addressed this question and reported that participants who received entrepreneurial training showed high performance at their jobs.

Text 2

While studies of entrepreneurial training typically report positive results, a close look reveals widespread methodological shortcomings that could explain those findings. These studies are plagued by insufficient sample sizes, a lack of control groups, and failures to establish pretraining baselines for the measured attributes of participants.

Based on the texts, the author of Text 2 would most likely want to know if Friedrich and colleagues took steps to preclude which potential objection to the finding described in Text 1?

A) The participants would have been less likely to show high performance at their jobs if the study sample size had been smaller.

B) The participants would have responded to the training differently if they had not known that they were participating in a study.

C) The participants would have shown high performance at their jobs regardless of whether they received the training.

D) The participants would have shown greater responsiveness to the training if the training sessions had lasted longer.

15) In June of 1987, South Korea liberalized its stock market, meaning that it began allowing foreign individuals and businesses to invest money in South Korea companies. This was part of a wave of stock market liberalizations from the mid-1980s through the mid-1990s-Brazil in 1988, Venezuela in 1990, and so on. In an analysis of economic data from 1976 to 1993, Ross Levine and Sara Zervos found that liberalization did not lead to enduring increases in investment in companies based in countries that liberalized. Peter Blair Henry, however, found that, on average, investment in companies in liberalized countries increased significantly in the three years following liberalization. Taken together, these results suggest that _____

Which choice most logically completes the text?

A) investment growth is likely to be more consistent in countries that liberalize than in countries that do not.

B) it typically takes at least three years for companies to benefit from government policies allowing foreign investment, but governments rarely maintain such policies for that long.

C) economists' expectations about the effect of liberalization an investment were largely correct.

D) companies based in countries that begin allowing foreign investment will probably see short-term increases in investment, but that these gains are unlikely to last.

16) Anne Bronte's 1847 novel Anges Grey contains elements drawn from Brontës own life: there are many parelles between the experiences of the novel's tide charactyer and those of Bronte, and as a result Agnes Grey is regularly described as an autobiographical novel. This characterization can be useful, but it also presents drawbacks in terms of how the work is perceived, as it may lead readers to believe that Bronte merely fictionalized true events, which, in an artistic field where creativity and inventiveness are prized, can suggest that_____

Which choice most logically completes the text?

A) Agnes Grey is less of an imaginative achievement than it actually is.

B) the real-world counterparts of other characters in Agnes Grey are hard to identify.

C) Bronte should not have claimed that Agnes Grey is based on real events.

D) critics disagree about whether Agnes Grey shows greater originality than works without autobiographical elements.

17) Exclusively inhabiting tropical countries such as Tanzania, wild chimpanzees lack adaptation to seasonal variations in ultraviolet B (UVB) irradiance from sunlight, since UVB exposure enables vertebrates to synthesize vitamin D, this raises questions about how chimpanzees in mid-latitude zoos are affected by the lower and more variable UVB irradiance in those locations. In a study of zoo chimpanzees in France and other mid-latitude countries, Sophie Moittie and colleagues found not only that chimpanzees' vitamin D levels correlate with UVB irradiance but also that vitamin D levels show no evidence of plateauing as UVB irradiance reaches its highest local levels, suggesting that_____

Which choice most logically completes the text?

A. adaptations to seasonal variations in UVB irradiance may be emerging in zoo chimpanzees in France and other mid-latitude countries.

B. averaged across seasons, vitamin D levels in zoo chimpanzees in mid-latitude countries such as France tend to be comparable to those in wild chimpanzees in tropical countries such as Tanzania.

C. providing supplemental vitamin D to chimpanzees in zoos in France and other mid-latitude countries would likely not be beneficial.

D. zoo chimpanzees in France and other mid-latitude countries tend to synthesize less vitamin D than they are inherently capable of synthesizing.

18) An analysis by Alian Elayi and colleagues of coins minted in Sidon in the fifth and fourth centuries BCE reveals a change in their composition overtime: while a coin from circa 450 BCE contains about 98% silver and 1% copper, a coin from 367 BCE (the end of Ba'alsillem II's reign) contains 74.2% silver and 24.7% copper, giving it a relatively yellowish appearance that traders would have noticed. Because coins with a silver content below 80% were widely considered unsuitable for trade, Elayi et al. speculate that a crisis in confidence in the currency occurred in Sidon around 367 BCE, which was likely relieved - despite Sidon's persistent oppressive financial obligations - as a result of Ba'alsillem II's successor Abd'astart I's decision to_____

Which choice most logically completes the text?

A. keep the amount of silver in Sidonian coins consistent with that in coins minted in 367 BCE but decrease their weight.

B. proclaim that the percentage of silver in coins suitable for trade would be raised to a threshold higher than 80%.

C. fund the mining of some copper deposits that were not available to Ba'alsillem II.

D. begin minting heavier coins with a proportion of silver to copper similar to that in coins minted in 367 BCE.

19) **Text 1**

In separate studies, Stephen Meding and Robert J. Zasoski and Xinhua He and colleagues examined whether plants transfer nutrients to one another using a common mycorrhizal network (CMN) -a lattice of fungal strands in the soil. Meding and Zasoski excluded all pathways other than the CMN by using barriers to keep the plants' root systems separate while allowing mycorrhizal strands through-a crucial step He and colleagues' study did not take.

Text 2

Meding and Zasoski took the necessary precaution of separating the plants' root systems (thereby excluding root-to-root transmission). However, any barrier used must allow the thread-like hyphae of a CMN to pass through, and this permeability would also allow

liquids through. Thus, the researchers' experimental design cannot ensure that any nutrient transfer observed can be attributed to a CMN and not to some other pathway.

Based on the texts, which choice best describes a point on which the author of Text 1and the author of Text 2 would most likely agree?

A. Meding and Zasoski's study effectively excluded any explanation for nutrient transfer other than via a CMN.

B. Excluding root-to-root transfer of nutrients between plants is sufficient to ensure that any observed nutrient transfer must involve a CMN.

C. He and colleagues' study was not designed in a way that would allow it to produce compelling evidence that nutrient transfer occurred via a CMN.

D. A barrier that is impervious to both roots and fungal strands is necessary to evaluate nutrient transfer via a CMN.

20) As complex lifecycle parasites, Anisakis sp. And Capillaria parophrysi require multiple host species throughout their development. Extraploating from parasites counts on walleye pollock and seven other fish species collected from Puget Sound from 1880 to 2019, Chelsea Wood et al. found that the abundance of three-host parasites, such as Anisakis sp., negatively correlated with rising average annual sea temperatures; the abundance of two- host parasites, such as C. parophrysi, was largely stable. Noting that fish and other marine vertebrates are especially vulnerable to climate change, Wood et al. observed that all three-host parasites in the study depend on at least two vertebrate species, while all two-host parasites depend on only one, suggesting that_____

Which choice most logically completes the text?

A population size and density of the eight fish species examined in the study wered likely largely unaffected by rising sea temperatures.

B although Anisakis sp. and C. parophrysi both require walleye pollock as a host, C. parophrysi was more adversely affected by warming-driven changes in the walleye pollock population than Anisakis sp. was.

C a parasite's sensitivity to warming temperatures is negatively correlated with the number of unique vertebrate species it depends on throughout its life cycle.

D warming-induced population changes among Puget Sound vertebrates may have suppressed some parasite populations, but there were no changes among the eight studied host species that affected two-host parasite abundance.

21) The Gorno-Altai Autonomous Soviet Socialist Republic, whose residents mainly spoke Altai, was one of many nominally autonomous Soviet _____ by giving these restive republics the right to assert their prerogatives, President Mikhail Gorbachev likely hastened the Soviet Union's breakup.

Which choice completes the text so that it conforms to the conventions of Standard English?

A republics; established along ethnolinguistic lines

B republics established along ethnolinguistic lines,

C republics. Established, along ethnolinguistic lines,

D republics established along ethnolinguistic lines;

22) Jordan's constitution, enacted in 1952, contains just one of the six constitutional features that enhance judicial independence, as identified by legal scholars james Melton and Tom Ginsburg. After 1985, such de jure judicial independence became more prevalent, as exemplified in Croatia's constitution, enacted in 1991 and _____ four of these features.

Which choice completes the text so that it conforms to the conventions of Standard English?

A.contained

B.containing

C.had contained

D.contains

23) The mycorrhizal association between alder trees and Paxillus panuoids, a fungus commonly referred to as oyster roll-rim, is well _____ sharing nutrients via fungual hyphae and the host tree's roots, the organism form a kind of social system more commonly associated with animals than plants: a community.fungal hyphae and the host tree's roots, the organisms form a kind of social system more commonly associated with animals than plants: a community.

Which choice completes the text so that it conforms to the conventions of Standard English?

A.documented

B.documented:

C.documented;

D .documented,

24) Recent pollen analysis of the Aran Islands have led some researchers to propose that the now treeless islands were once wooded. This hypothesis _____ that certain trees, such as P sylvestris, survived without interruption or human intervention throughout the Holocene cannot stand, researchers Michael O'Connell and Karen Molloy counter, unless other explanations can first be ruled out.

Which choice completes the text so that it conforms to the conventions of Standard English?

A. suggested

B. has suggested

C. suggesting

D. suggests

25) The 1970 founding of the Partido Nacional de La Raza Unida and the 1946 Mendez v. Westminster court decision are important events in US civil rights former establishing a Latino rights advocacy group and the latter legally affirming the rights of Latino students.

Which choice completes the text so that it conforms to the conventions of Standard English?

A. history the

B. history. The

C. history, the

D. history, and the

26) The Southern Delta Aquariid meteor shower has a zenithal hourly rate (ZHR) of 25, meaning that at the shower's peak, 25 meters per hour could potentially be seen by a hypothetical observer. A calculation that assumes ideal viewing conditions, _____

Which choice completes the text so that it conforms to the conventions of Standard English?

A. an actual viewer's observed number of meteors in an hour and the ZHR may differ considerably.

B. the number of meteors an actual viewer observes in an hour may differ considerably from the ZHR.

C. there may be a considerable difference between the number of meteors an actual viewer observes in an hour and the ZHR.

D. the ZHR may differ considerably from the number of meteors an actual viewer observes in an hour.

27) Recently unearthed Neronian tools in France dating to 54,000 years ago and attributed to Homo sapiens may provide evidence that interactions between Neanderthals and modern humans occurred 10,000 years earlier than was previously _____ finding that, if

true, would overturn current theories about H. sapiens migration during the Upper Paleolithic.

Which choice completes the text so that it conforms to the conventions of Standard English?

A. supposed a B

supposed. A

C. supposed, a

D. supposed; a

28) After finding information about Benjamin Sterling Turner, who represented Alabama in the United States House of Representatives, the student discovered biographical sketches of two other Black Americans who served _____ in Robert Brown Elliott of South Carolina and Ronald V. Dellums of California.

Which choice completes the text so that it conforms to the conventions of Standard English?

A. Congress

B. Congress.

C. Congress;

D. Congress:

29) Joy Williams's essay on "cenote' a term referring to a deep sinkhole containing a pool of water, is just one of many essays included in Home Ground: A Guide to the American _____ by Barry Lopez and Debra Gwartney, the book celebrates the rich language used to describe the landscape of North America.

Which choice completes the text so that it conforms to the conventions of Standard English?

A. Landscape, edited

B. Landscape edited

C. Landscape. Edited

D. Landscape and edited

30) The Austronesian language family comprises some 1,200 languages, including Minangkabau and Ilokano, which are spoken primarily in Indonesia and the Philippines, _____ accounting for one-fifth of the world's languages, the Austronesian family is of keen interest to linguists like Sandra Chung.

Which choice completes the text so that it conforms to the conventions of Standard English?

A. respectively and

B. respectively,

C. respectively;

D. respectively,

31) Greater Kruger National Park in South Africa was home to two of the world's most famous lions: Golden Mane and Rasta. These lions weren't just there to be admired visitors, _____ they lived free lives, prowling the game reserve in coalitions (bands of male lions) and vying for territory.

Which choice completes the text so that it conforms to the conventions of Standard English?

A. though and rather,

B. though rather,

C. though, rather,

D. though. Rather,

32) Some members of the scientific community urge caution around the use of genetically modified (GM) crops, arguing that the long-term health effects of consuming such crops are unknown _____ they are concerned about the environmental risks associated with GM crops, including their potential to disrupt natural ecosystems by displacing or cross-pollinating with wild plants.

Which choice completes the text with the most logical transition?

A. Nevertheless,

B. Additionally,

C. In comparison,

D. For instance,

33) Soursop is a popular fruit in Brazil, where it is eaten fresh or used in drinks and desserts. The fruit is high in antioxidants and vitamin C, which are known to have a variety of health benefits. _____ soursop is often recommended by doctors in Brazil to patients concerned about their health.

Which choice completes the text with the most logical transition?

A. Thus,

B. Instead,

C. Furthermore,

D. For instance,

34) A chameleon uses specialized cells in its skin to change color in response to its environment. When these cells are stimulated by changes in light, temperature, or mood, they expand or contract, altering the way light reflects off the chameleon's skin. _____ when the chameleon's environment stabilizes, the cells relax and its color returns to normal.

Which choice completes the text with the most logical transition?

A. For example,

B. By contrast,

C. Specifically,

D. In other words,

35) President Franklin Roosevelt faced significant opposition to his New Deal policies: one 1934 pool showed that only 44 percent of Americans supported his economic recovery plan. _____ Roosevelt was re-elected in 1936 by one of the largest margins in U.S. history, winning 60.8 percent of the popular vote and all but two states in the electoral college.

Which choice completes the text with the most logical transition?

A. Consequently,

B. Nonetheless,

C. In other words,

D. Likewise,

36) Legislators in Ethiopia are elected via a first-past-the-post electoral system. In this winner-take-all voting system, the seat is awarded to the candidate who receives not a majority but a plurality (i. e. greatest number) of votes. _____ if several popular candidates are voting for the same seat, it is possible for a candidate to win an election despite receiving less than 50% of the votes.

Which choice completes the text with the most logical transition?

A. However,

B. Moreover,

C. Accordingly,

D. Similarly,

37) Water from the aquifers of Alaska's Susitna Glacier travels the 160 km length of the Skwentna River before flowimg into the Yetna River and then reaching the mouth the river system's main stem, the Susitna River. _____ at the Susitna's mouth, hundreds of kilometers from the source, the water empties into the Gulf of Alaska.

Which choice completes the text with the most logical transition?

A. There,

B. For instance,

C. Regardless,

D. Instead,

38) The city of Jinan, China, expanded its rapid transit system, the Jinan Metro, as recently as 2020. _____ the system will likely need to undergo further expansions as the size and needs of the city's population shift.

Which choice completes the text with the most logical transition?

A. Still,

B. By contrast,

C. For example,

D. Instead,

39) The title of "Of Moderation," an essay by French philosopher Michel de Montaigne, suggests a straightforward topic. However, Monaigne's expansive, curious mind meant that he never limited himself to one subject. _____ the essay is not just a discussion of moderation but a broad exploration of Montaigne's entire worldview.

Which choice completes the text with the most logical transition?

A. Additionally,

B. That said,

C. Lastly,

D. Predictably,

40) With many elements, like osmium, scientists were able to isolate a relatively pure sample of the substance shortly after discovering its existence. _____ this wasn't the case with all elements. The process of isolating magnesium, for example, took years-53, to be precise.

Which choice completes the text with the most logical transition?

A.In other words,

B.For this reason,

C.Granted,

D.Likewise,

41) Textile artist Amber Joy Greenidge-Sabral wanted to avoid using harsh synthetic dyes that could be damaging to the environment. _____ she began experimenting with more environmentally friendly natural dye methods, using organic materials like sassafras and indigofera for their natural orange and blue colors.

Which choice completes the text with the most logical transition?

A.In actuality,

B.To sum up,

Nevertheless,

D.With this in mind,

42) If you were to view the Ol Kokwe volcano in Kenya or the Asavyo volcano in Ethiopia from above, you might notice that their low profiles and gently sloping sides make each of them look a bit like a shield lying flat on the ground. _____ volcanologists classify volcanoes of this type as shield volcanoes.

Which choice completes the text with the most logical transition?

A. Still,

B. Besides,

C. Second,

D. Fittingly

43) In hindsight, given the ideas about natural world circulating among British scientists in the 1800s, the theory of natural selection was an obvious next step. It may not have been a coincidence,_____ that Charles Darwin and Alfred Wallace arrived at the concept independently. Indeed, contrary to the popular myth of the lone genius, theirs is not the first paradigm-shifting theory to have emerged from multiple scholars working in parallel.

Which choice completes the text with the most logical transition?

A. however,

B. then,

C. moreover,

D. for example,

44) The method used in 1920 by the US Geological Survey to calculate the geographic center of Wyoming, involving a cardboard cutout of the state and a piece of string, seems rudimentary today. _____ the center found in a 2015 study using far more advanced technology differed from the original by just a few miles, proving the original method to be relatively accurate.

Which choice completes the text with the most logical transition?

A. For example,

B. That said,

C. As such,

D. In other words,

45) The first documented use of the English word "session”is attributed to poet Geoffrey Chaucer's 1386 work "Canterbury Prologue”. However, Chaucer didn't write in Modern English; _____ he wrote in what we now call Middle English, which was commonly used during the period.

Which choice completes the text with the most logical transition?

A) rather,

B) as a result,

C) similarly,

D) finally

46) Ugandan American professor Peter Nazareth believed that Elvis Presley's music is best understood not as a homogeneous collection but as an anthology (because Elvis showcased the contributions of a wide range of gospel, blues, and rock artists). _____ Nazareth entitled his college course on Elvis and his music, which focused on Elvis's many musical influences, "Elvis as Anthology."

Which choice completes the text with the most logical transition?

A.In addition,

B.To that end,

C.In sum,

D.That is,

47) Voting members of the 2006 Latin Grammys were impressed by Los Tigre del Norte's album Hisrorias Que Contar and its contribution to the norteno genre, a form of regional Mexican music featuring accordion and bajo sexto guitar that first developed in northern Mexico in the late nineteenth century. _____ they awarded the group the Best Norteño Album award.

Which choice completes the text with the most logical transition?

A. In contrast,

B. Accordingly,

C. Meanwhile,

D. Nevertheless,

48) A band might choose a name that is as unique and original as possible. _____ they might name themselves after a recognizable song by a favorite band. This is what the Japanese experimental rock band Boris did when they named themselves after the song "Boris" by the Melvis.

Which choice completes the text with the most logical transition?

A. Thus,

B. Alternatively,

C. In other words,

D. For instance,

49) While researching a topic, a student has taken the following notes:

Impact craters form when a sizable object collides with Earth at considerable speed.

Comets and meteorites are instances of such objects.

An impact crater is Kelly West in Australia.

Researchers have concluded that it originated over 550 million years ago.

The crater boasts a diameter of around 10 km.

The student wants to emphasize the size of the crater. Which choice most effectively uses relevant information from the notes to accomplish this goal?

A.When a large object struck what is now Australia more than 550 million years ago, it created Kelly West, a massive crater measuring 10 km in diameter.

B.Impact craters, like Kelly West in Australia, are formed when a massive object collides with Earth, creating depressions in the land.

C.Long ago, a crater now known as Kelly West was created when a large object collided with Earth.

D. Researchers have investigated the formation of Kelly West, an ancient impact crater measuring 10 km in diameter located in Australia.

50) While researching a topic, a student has taken the following notes:

The Mohs scale of mineral hardness is a ten-point scale that orders minerals by hardness based on their ability to scratch other minerals.

Minerals with larger numbers are harder than minerals with smaller numbers and can leave visible scratches on them.

Minerals with smaller numbers are softer than minerals with larger numbers and cannot leave visible scratches on them.

The mineral calcite has a Mohs scale number of 3.

The mineral apatite has a Mohs scale number of 5.

The mineral topaz has a Mohs scale number of 8.

The student wants to make a generalization about minerals. Which choice most effectively uses relevant information from the notes to accomplish this goal?

A. Based on their Mohs scale numbers, topaz (8) is harder than apatite (5), and apatite is harder than calcite (3).

B. Topaz can leave visible scratches on calcite, which is why topaz has a higher number than calcite on the Mohs scale of mineral hardness.

C. Any mineral with a Mohs number of 8, like topaz, can scratch a mineral with a Mohs number of 5, like apatite.

D. The Mohs scale can be used to order calcite, topaz, and apatite by their ability to scratch other minerals.

51) While researching a topic, a student has taken the following notes:

Modularity of mind is the notion that the mind is at least partly composed of innate neural structures (modules) that perform fast, necessary tasks.

1983: cognitive scientist Jerry A. Fodor hypothesized that low-level cognitive systems (e.g., perception, language) are modular.

In Fodorian modularity, high-level systems (e.g., reasoning) are not modular

2003: cognitive scientist Peter Carruthers proposed the massive modularity hypothesis (MMH).

MMH expands modularity to include all cognitive systems.

The student wants to compare Fodor's hypothesis with Carruthers's. Which choice most effectively uses relevant information from the notes to accomplish this goal?

A. In considering some but not all cognitive systems modular, Fodorian modularity is not as expansive in its definition of modularity as MMH is.

B. The hypotheses of Fodor and Carruthers differ in whether they consider low level cognitive systems, such as perception and language, modular.

C. In 2003, Carruthers proposed the massive modularity hypothesis, disagreeing with Fodor's earlier hypothesis that the mind is composed of innate neural structures.

D. Following Fodor's 1983 hypothesis, Carruthers proposed that modularity of mind includes all cognitive systems.

52) Vexillology is the study of flags.

The fags of many countries include symbols like animals, plants, or landforms.

These symbols often represent an aspect of the region's history, culture, or landscape.

The fag of Slovakia includes the Tatra, Mátra, and Fatra mountains.

The flag of Kiribati includes a frigatebird.

Which choice most effectively uses information from the given sentences to make and support a generalization about symbols on flags?

A.Vexillology is the study of fags; accordingly, vexillologists are interested in flags from around the world.

B.Slovakia's flag includes the Tatra, Mátra, and Fatra mountains, a symbol that is important to that country's national Identity.

C.Many countries feature symbols on their lags, and the study of these designs is known as vexillology.

D.The flags of some countries include symbols of landform; Slovakia's, for example, includes the Tatra, Mátra, and Fatra mountains.

ANSWERS

1. A
2. C
3. C
4. D
5. A
6. D
7. A
8. C
9. D
10. B
11. D
12. C
13. A
14. C
15. D
16. A
17. D
18. A
19. C
20. D
21. D
22. B
23. C
24. C
25. C
26. D
27. C
28. D
29. C
30. C
31. D
32. B
33. A
34. B
35. B
36. C
37. A
38. A
39. D
40. C
41. D
42. D
43. B
44. B
45. A
46. B
47. B
48. B
49. A
50. C
51. A
52. D

Cooking SAT