

TEST 16

MODULE 1



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1. According to a study by Dong-Ha Oh, Kurt P. Kowalski, Keith Clay, and others, the wide-ranging subspecies of reed, *Phragmites australis*, _____ its genes for stress resistance to its offspring. This genetic trait provides a great advantage by allowing the species to flourish in the North American wetlands compared to its native counterpart.

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

Ⓐ ascribes

Ⓑ transfers

Ⓒ advances

Ⓓ alters

2. Old legal documents dating back to the Ottoman Empire(1299-1923) were recently discovered in Greece. Even without the in-depth study of the documents, researchers were certain that the Ottoman Empire's legal system was _____ considering the Ottoman Empire's reign over multi-ethnic and multi-religious communities throughout its six centuries of reign.

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

Ⓐ idealistic

Ⓑ inaccessible

Ⓒ inclusive

Ⓓ unconventional

3. The farmers of the Green Valley Cooperative in California, United States, usually follow the traditional methods of crop cultivation passed down from their ancestors, but they don't always _____ every custom. For instance, members of the cooperative now use GPS-enabled tractors instead of manually plowing their fields to increase efficiency.

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

Ⓐ turn down

Ⓑ set aside

Ⓒ coincide with

Ⓓ abide by

4. The following text is from Richard Connell's 1860 novel *The Most Dangerous Game*.

Desperately, [Sanger Rainsford] struck out with strong strokes after the receding lights of the yacht, but stopped before he had swum fifty feet. A certain coolheadedness had come to him; it was not the first time he had been in a tight place. There was a chance that his cries could be heard by someone aboard the yacht, but that chance was slender and grew more slender as the yacht raced on.

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

Ⓐ Secure

Ⓑ Rigid

Ⓒ Compact

Ⓓ Difficult

5. Text 1

Recently, there has been intense discussion about the proper conservation of cultural heritage. Digital preservation and access using immersive virtual reality (VR) would help future generations to experience heritage that can be lost. However, implementing VR for arts has been criticized by many scholars for its still-premature technological capacity and lack of accessibility to the general public.

Text 2

A computer scientist, Hubert Cecotti, evaluated the user experience of exploring cultural heritage sites through extended reality (XR), which includes the features of augmented reality and virtual reality. He found that the visual resolution available in the current XR space is still not comparable to the actual paintings and buildings, and also reported that users become less interested in the art on their third or fourth views. He also noted that although the rapid development has made XR relatively more accessible, XR cannot replace the experience of physically viewing sites that provide social, in-person interactions between visitors.

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Based on the texts, how would Hubert Cecotti (Text 2) most likely respond to the scholars' criticism presented in Text 1?

- Ⓐ By acknowledging the limitations of technology in providing the actual user experience and social interactions
- Ⓑ By opposing the assumption that XR technology would help with scientists' projects that are otherwise time-consuming
- Ⓒ By suggesting an idea that would enhance the XR experience to rival its physical counterpart
- Ⓓ By contradicting the argument that culture can be preserved by touring cultural sites

6. Stop-motion animation is a technique of physically manipulating objects between photographed frames to create the appearance of lifelike movements for figures made of various materials. This animation technique had a significant impact on American television programs, especially in the 1960s. Two of the most famous examples, Arthur Rankin Jr. and Jules Bass' Rudolph the Red-Nosed Reindeer (1964) and The Little Drummer Boy (1968), remain a significant part of an enduring media legacy that represents Christmas for modern generations.

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Which choice best describes the function of the underlined sentence in the overall structure of the text?

- Ⓐ It supports the argument that stop-motion animation films are not as popular as live television programs.
- Ⓑ It provides the reason why stop-motion animation was commercially successful in the 1960s.
- Ⓒ It introduces the significance of stop-motion animation, leading to a discussion of some of its most iconic examples.
- Ⓓ It highlights that Arthur Rankin Jr. and Jules Bass' works did not involve the movement of characters.

7. The following text is from Walt Whitman's 1867 poem "One's Self I Sing."

One's-Self I sing, a simple separate person,
Yet utter the word Democratic, the word En-Masse.

Of physiology from top to toe I sing,
Not physiognomy alone nor brain alone is worthy for the
Muse, I say the Form complete is worthier far,
The Female equally with the Male I sing.

Of Life immense in passion pulse, and power,
Cheerful, for freest action form'd under the laws divine,
The Modern Man I sing.

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Which choice best describes the overall structure of the text?

- Ⓐ The speaker acknowledges the importance of the individual, then connects the person to society.
- Ⓑ The speaker accepts a criticism leveled against his selfishness, then announces selfless concern for the well-being of others.
- Ⓒ The speaker depicts the way to realize his pursuit, then breaks away from its restriction.
- Ⓓ The speaker wonders about his value to society, then finds the answer from people around him.

8. Cats have incredibly flexible backbones that allow them to use their righting reflex when falling, by flipping in midair and thus to land safely on their feet. It was once believed that cats managed this feat by kicking off the hands of the person dropping them. A French scientist, Etienne-Jules Marey, discovered otherwise by following the movement of a cat falling with a chronophotographic camera that shoots 12 images per second. When a cat falls, it arches its back, effectively dividing its body into two parts that operate independently. This allows the cat to rotate its front half while keeping the back half stationary, and then reverse the process.

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According to the text, how did the scientist determine the movement of falling cats in the study?

- Ⓐ He observed how a cat stretches four legs to rotate slowly.
- Ⓑ He studied a cat's simultaneous rotation of two parts of the body.
- Ⓒ He examined how a cat kicks off the hands of a dropper.
- Ⓓ He captured the motion of a falling cat with a photographic device.

9. The following text is from William Wordsworth's 1804 poem "I wandered lonely as a cloud." The poet is walking beside the field of daffodils.

The waves beside them danced; but they [daffodils]

Out-did the sparkling waves in glee:

A poet could not but be gay,

In such a jocund company:

I gazed—and gazed—but little thought

What wealth the show to me had brought:

For oft, when on my couch I lie

In vacant or in pensive mood,

They flash upon that inward eye

Which is the bliss of solitude;

And then my heart with pleasure fills,

And dances with the daffodils.

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Based on the text, what is the meaning of daffodils to the poet?

Ⓐ It motivates the poet to actively appreciate nature.

Ⓑ It shows the poet a limitation in the sense of beauty.

Ⓒ It transforms into spiritual comfort that soothes the poet.

Ⓓ It worsens a sense of isolation the poet is experiencing.

10. Macbeth is a play written by William Shakespeare circa 1606. In the play, the character of Macbeth, a Scottish general, receives a prophecy that he will be the King of Scotland. Later he kills the king and becomes overwhelmed with guilt over his murder, as is evident when he _____

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Which choice most effectively uses a quotation from Macbeth to illustrate the claim?

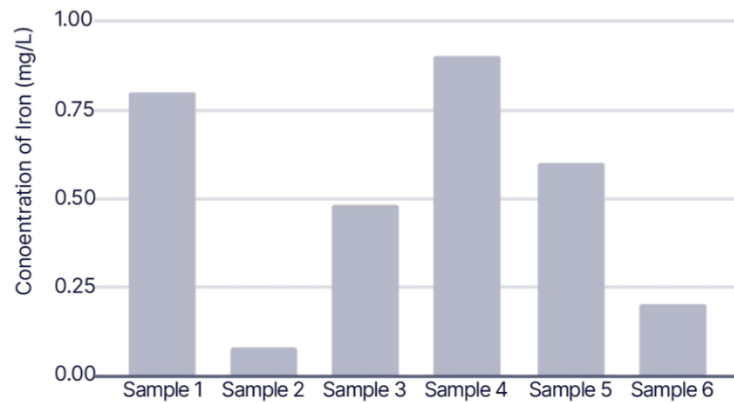
Ⓐ says to himself "Life's but a walking shadow, a poor player / That struts and frets his hour upon the stage / And then is heard no more."

Ⓑ says to himself, "I have almost forgot the taste of fears. / The time has been my senses would have cool'd."

Ⓒ says of himself "I am in blood / Stepp'd in so far, that should I wade no more, / Returning were as tedious a go o'er."

Ⓓ says of himself "If it were done when 'tis done, then 'twere well / It were done quickly."

11. Level of Iron in Groundwater Samples



High concentration of iron in the groundwater poses a health risk, especially to countries that mainly rely on groundwater for agriculture and consumption. The World Health Organization (WHO) has set the iron level in the water for safe usage to 0.3 mg/L or lower. Moses Ogar and his team of researchers collected groundwater samples from a rural part of West Africa, measured the concentration of iron in each water sources, and discovered that

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Which choice most effectively uses data from the graph to complete the text?

- Ⓐ Sample 2 is the most dangerous among the samples for agricultural use.
- Ⓑ Sample 1 contains a higher concentration of iron in the water than Sample 4.
- Ⓒ only one of the samples has an iron level below the WHO's recommendation.
- Ⓓ only two of the samples are safe for consumption according to the WHO.

12. A group of students conducted an experiment to test their hypothesis: people are less accurate in recognizing emotions from facial expressions if the lower halves of the faces (nose and mouth area) are covered with a mask. The students took photos of volunteers showing five emotions—happiness, fear, disgust, anger, and sadness—with and without the mask. The students recruited research participants from their school and asked them to identify each emotion shown in the picture. Participants' accuracy and the time they took to answer each question were recorded.

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Which finding, if true, would most directly weaken the students' hypothesis?

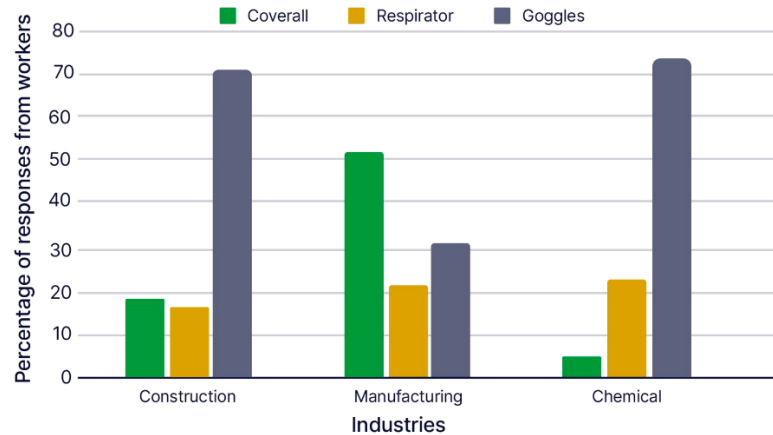
Ⓐ All participants required more time to identify anger and sadness in the photos with the mask, and few of them identified the emotions as accurately as when they were given the photos without the mask.

Ⓑ All participants were able to identify happiness without the mask, but the accuracy fell significantly when they were asked to identify the photos of happiness with the mask.

Ⓒ All participants showed no difference in accuracy rates when identifying fear and disgust, regardless of the presence of masks in the photos.

Ⓓ All participants correctly identified disgust in photos without the mask, but they often failed when asked to identify disgust in photos with the mask.

13. Percentage of Kuwait Workers With Protective Gear



Mustapha F.B. Vallow, along with his colleagues, conducted research by observing and interviewing workers of various industries in Kuwait to gain insights into their understanding of safety measures, specifically the utilization of protective gear at the workplace. The study found that, in some industries, workers displayed a strong preference in their selection of protective gears and even constituted the majority of workers who use those gears; for instance, _____

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

Ⓐ most of the workers in the chemical industry mainly wear respirators and goggles.

Ⓑ most of the workers in the construction and chemical industry wear goggles while working.

Ⓒ more workers in the manufacturing industry mainly wear goggles than mainly wear coveralls.

Ⓓ respirators are used with a relatively equal proportion across the three respondent groups.

14. Several carvings discovered in the remains of the ancient Mayan city of Tikal portray a male figure participating in a ball game with a jaguar nearby. Some experts have stated that the figure is the god of war, since he is known to have been connected with jaguars in Mayan culture, but University of Mexico archaeologist Juan Garcia argues that jaguars may have also been associated with ball games generally. The fact that a jaguar is depicted near the male figure, therefore, _____

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Which choice most logically completes the text?

Ⓐ supports the likelihood of the figure being the god of war.

Ⓑ indicates that the god of war also symbolizes the spirit of ball games.

Ⓒ is not definitive proof that the figure is the god of war.

Ⓓ can not determine whether the god of war was drawn by Mayans.

15. Like ducks and geese, the mute swan (*Cygnus olor*) requires a lot of energy to regulate the temperature of its feet, so in subfreezing weather, it _____ heat loss with counter-current circulation, transferring warm blood from the body's core to the cool veins in its feet.

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

Ⓐ had prevented

Ⓑ prevented

Ⓒ prevents

Ⓓ would prevent

16. Babe Ruth, who spent his childhood on the streets and engaged in mischief, was given a chance to rise from poverty and adversity through baseball. In 1914, he made his major league debut with the Red _____ in 1920, he was given the nickname “Sultan of Swat” after hitting a record of 54 home runs.

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

Ⓐ Sox later,

Ⓑ Sox, later,

Ⓒ Sox;

Ⓓ Sox,

17. William Torrey Harris was an educator and philosopher who introduced key elements of modern schooling to American education during the 19th century. As the first publication in the United States dedicated solely to philosophy, _____ helped make philosophy an academic discipline.

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

- Ⓐ Harris' "Journal of Speculative Philosophy," which was founded in 1867,
- Ⓑ Harris founded "Journal of Speculative Philosophy" in 1867; it
- Ⓒ in 1867 Harris founded "Journal of Speculative Philosophy," which
- Ⓓ the "Journal of Speculative Philosophy" was established by Harris in 1867

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18. Greenpeace, founded in 1971 by a group of individuals concerned about the environment, including Dorothy and Irving Stowe, has contributed to preserving biological _____ organizing protests and other public demonstrations; and educating the public about species conservation.

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

Ⓐ diversity both plant and animal,

Ⓑ diversity; both plant and animal,

Ⓒ diversity, both plant and animal;

Ⓓ diversity, both plant and animal,

19. In her book *The Way to Sumi-e: Healing Through Art*, painter Casey Shannon recounts her story of recovery _____ a massive brain-stem stroke, including her introduction to the sumi-e painting technique, which she uses to illustrate her story.

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

Ⓐ from,

Ⓑ from—

Ⓒ from

Ⓓ from:

20. Dutch photographer Erwin Olaf fascinates the audience by depicting social structures and problems—such as religion, race, and customs—through surreal images with a keen aesthetic sensibility. In 2011, he received the Johannes Vermeer Award, a Dutch state prize for the _____ advocates phenomenal artistic talents.

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

Ⓐ arts, that

Ⓑ arts,

Ⓒ arts that

Ⓓ arts



21. Researchers are trying to understand why cetaceans, such as whales and dolphins, are less prone to cancer, as it is generally believed that organisms with more cells should have a higher risk of having cancerous cells, a phenomenon known as Peto's paradox. One reason may be the presence of cell regulators, _____ with a turnover rate 2.4-fold faster than in other known mammals.

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

Ⓐ tumor suppressor genes, (TSGs)

Ⓑ tumor suppressor genes, (TSGs),

Ⓒ tumor suppressor genes (TSGs),

Ⓓ tumor suppressor genes (TSGs)

22. A study conducted by Vijaya Subramaniam, Ah Nhan Ma, and Yuen May Choo in 2010 proposed a solution to reduce the emission of greenhouse gases significantly in the oil palm _____ biogas from palm oil mill waste, which is produced during the milling process, and using it as renewable energy.

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

Ⓐ industry mobilizing

Ⓑ industry. Mobilizing

Ⓒ industry; mobilizing

Ⓓ industry: mobilizing

23. Batesian mimicry, named after English naturalist Henry W. Bates, refers to nontoxic species imitating the forms or shapes of other toxic species. By mimicking the appearance of a dangerous model, the prey can protect itself from predators. _____ the scarlet kingsnake mimics the warning color of the venomous coral snake to avoid the attack of its natural enemy, the red-tailed hawk.

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Which choice completes the text with the most logical transition?

Ⓐ In contrast,

Ⓑ For instance,

Ⓒ Subsequently,

Ⓓ Whereas,

24. A study led by Jose Manuel Avila assessing cork oak dieback found that *Phytophthora cinnamomi* pathogens are responsible for decimating trees in Mediterranean forests. _____ as the pathogens are found in over 70 countries, they may cause irreversible changes in biodiversity worldwide if unchecked: not only the plants that they infect, but also the wildlife that relies on the plants.

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Which choice completes the text with the most logical transition?

Ⓐ Similarly,

Ⓑ Furthermore,

Ⓒ For example,

Ⓓ In contrast,

25. While researching a topic, a student has taken the following notes:

- In 1500 B.C., sundials were devices that marked the time with the position of a shadow cast by the sun.
- During periods when the sun shines, sundials use a very simple technique to accurately determine local solar time.
- In 1400 B.C., water clocks, which measure time by the gradual flow of water, were developed in response to the shortcomings of sundials.
- During times of no sunlight or adverse weather, water clocks are found to be more convenient for measuring time, even indoors.

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The student wants to explain an advantage of water clocks. Which choice most effectively uses relevant information from the notes to accomplish this goal?

Ⓐ Developed so time can be measured even without the presence of the sun, water clocks are more convenient to use than sundials.

Ⓑ Sundials were first made in 1500 B.C., but within a century, they were replaced with water clocks.

Ⓒ Using water clocks to measure time would help solve the problem with sundials.

Ⓓ Water clocks emerged as an alternative to sundials, which use sunlight to measure time.

26. While researching a topic, a student has taken the following notes:

- In 1754, Great Britain sent colonial representatives to Albany, New York, to develop a treaty to unify with the Americans in a meeting called the Albany Congress.
- Learning about the convention, Benjamin Franklin published a political cartoon, called “Join, or Die,” in The Pennsylvania Gazette.
- The cartoon was designed to unite the colonies during the Seven Years’ War.
- Franklin was selected as a delegate and proposed the Albany Plan of Union, which marked the first official attempt to form a union among the colonies.
- Wary of the growing independence drive of the colonies, Great Britain conclusively rejected the plan.

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The student wants to present the “Join, or Die” political cartoon to an audience unfamiliar with the Albany Congress. Which choice most effectively uses relevant information from the notes to accomplish this goal?

Ⓐ Great Britain aimed to unify the American colonies during the Seven Years’ War with the Albany Congress but ultimately rejected Benjamin Franklin’s plan of union.

Ⓑ Benjamin Franklin’s political cartoon “Join, or Die,” published in The Pennsylvania Gazette, led to his invitation to the Albany Congress.

Ⓒ The political cartoon “Join, or Die” was Benjamin Franklin’s proposal to the colonial representatives, marking the first official attempt to form a union among the colonies.

Ⓓ The “Join, or Die” cartoon was created by Benjamin Franklin to unite colonies during wartime after he learned about the Albany Congress, a colonial convention held in 1754.

27. While researching a topic, a student has taken the following notes:

- *Menispermum canadense*, commonly known as Canadian moonseed, is a woody vine native to woodlands and riverbanks in Eastern North America.
- Canadian moonseed has individual vines that produce either male or female flowers.
- The male flowers are small, typically found on the stems of the plant.
- During the blooming period, male flowers immediately wither after producing pollen and releasing it into the air.
- The female flowers are longer than their male counterparts, often found near the top of the plant.
- During their blooming period, female flowers absorb the pollen through pollination and develop into drupes similar to grapes.

The student wants to emphasize a difference between the male and female flowers of a Canadian moonseed. Which choice effectively uses relevant information from the notes to accomplish this goal?

Ⓐ Male flowers produce and release pollen during their blooming period, whereas female flowers develop into drupes similar to grapes after absorbing the pollen.

Ⓑ The Canadian moonseed, mostly found in the woodlands and riverbanks of Eastern North America, produces either male or female flowers on individual vines.

Ⓒ Female flowers are often located near the top of the plant, where they absorb pollen through pollination.

Ⓓ In order to develop into drupes, the female flowers must absorb the pollen released by the male flowers during the blooming period.

TEST 16

MODULE 2



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1. According to ecologists, a raccoon with milder personalities may have better cognitive skills that help it learn faster. A _____ raccoon, on the other hand, will be prone to conflict or hardships and may eventually become distracted from learning.

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

Ⓐ diligent

Ⓑ bold

Ⓒ clumsy

Ⓓ narcissistic

2. Photographer Helen Levitt refused to _____ the approach of her mentor Walker Evans, who favored planned and classically composed photographs. Instead, she attempted to capture street scenes by vividly recording life as it unfolded, resulting in subjects in her photographs appearing unguarded and candid.

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

Ⓐ identify

Ⓑ embrace

Ⓒ protest

Ⓓ design

3. When Canadian historian Sheilagh Ogilvie published her book about European craft guilds from 1560 to 1760, she _____ the view that training from masters, the leaders of guilds, was necessary: this disapproval originated from the fact that masters' widows, who worked with masters for longer than regular training period, may already have learned a trade through their husbands' guidance.

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

Ⓐ maintained

Ⓑ confirmed

Ⓒ challenged

Ⓓ assured

4. The potters of the La Sociedad de Alfareria guild in Guanajuato, Mexico, generally don't _____ the clay-molding techniques that have been inherited from their ancestors since the 16th century, but they are not resistant to embracing new practices; for example, guild members recently employed an electric kiln instead of traditional wood-fired kilns to bake their pottery.

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

Ⓐ cling to

Ⓑ engage in

Ⓒ approve of

Ⓓ deviate from

5. Some military historians _____ that small, highly mobile units were more effective in ancient warfare than larger, stationary units—they assumed that mobility plays a crucial role in combats. A military analyst demonstrated, however, a comprehensive analysis of combat data contradicts the previously supposed notion.

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

Ⓐ doubted

Ⓑ speculated

Ⓒ provoked

Ⓓ criticized

6. The musical compositions of Nitin Sawhney acquire their appeal from the interplay of _____ musical elements: traditional Asian music that showcases cultural heritage, electronica beats with a repetitive rhythm, and jazz originating from African-American communities. The combination results in a unique and dynamic sound.

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

Ⓐ unfamiliar

Ⓑ compatible

Ⓒ adversarial

Ⓓ diverse

7. The following text is from the 1899 poem "The Song of the Old Mother" by William Butler Yeats, who was an Irish poet appointed to the Irish Senate.

I rise in the dawn, and I kneel and blow
Till the seed of the fire flicker and glow;
And then I must scrub and bake and sweep
Till stars are beginning to blink and peep;
And the young lie long and dream in their bed
Of the matching of ribbons for bosom and head,
And their days go over in idleness,
And they sigh if the wind but lift a tress:
While I must work because I am old,
And the seed of the fire gets feeble and cold.

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Which choice best states the main purpose of the text?

- Ⓐ To change the minds of young people who do not consider housekeeping work worth being compensated.
- Ⓑ To contrast the difference between the comfortable lives of the young and the hardworking life of the old.
- Ⓒ To lament the swift aging process of the elderly in comparison to the youth
- Ⓓ To dispute the notion that elderly individuals are generally inexperienced and powerless in the eyes of the young

8. The following text is adapted from Jane Austen's 1817 novel *Northanger Abbey*. The speaker, Henry, is having a conversation with Catherine as they are dancing at a ball.

How are the civilities and compliments of every day to be related as they ought to be, unless noted down every evening in a journal? How are your various dresses to be remembered, and the particular state of your complexion, and curl of your hair to be described in all their diversities, without having a journal? It is this delightful habit of journaling which largely contributes to form the easy style of writing.

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Which choice best states the main purpose of the text?

- Ⓐ To emphasize Henry's belief that a journal will make people more civilized.
- Ⓑ To introduce Henry's personal experience that journaling leads to an improvement in writing skills.
- Ⓒ To offer Henry's belief that keeping a journal can help individuals maintain good manners and fashion sense.
- Ⓓ To assert that Henry believes keeping a journal is a great habit that improves one's writing style.

9. Sea cucumbers, like other marine invertebrates, have specialized connective tissues made up of collections of collagens known as mutable collagenous tissues. These tissues can alter their hardness through interaction with protein, providing multiple benefits for these sea creatures. One such benefit is defensive strategies, as they can deter predators by expelling a variety of sticky and sometimes toxic organs.

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According to the text, how do sea cucumbers fend off their enemies?

- ☐ A They construct large shields using bundles of collagen.
- ☐ B They produce proteins to stiffen their tissues.
- ☐ C They spew out various internal organs.
- ☐ D Their tissues interact with each other to create defensive reactions.

10. For a long time, the only available fossil records of the archaeopteryx—an extinct species of bird-like dinosaurs that lived during the Late Jurassic period—were found in the Solnhofen limestone formations in Germany. In a recent discovery that expands our knowledge of the geographical distribution of archaeopteryx species, a team of researchers, led by Dr. Ellen Moore, has discovered fossils of a new species of archaeopteryx, named *Aurornis xui*, that lived around 160 million years ago in the Tiaojishan formations in China.

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According to the text, why was Moore and her team's discovery of the *Aurornis xui* fossil significant?

Ⓐ The fossil constitutes the first evidence found by scientists that archaeopteryx lived around 160 million years ago.

Ⓑ The fossil helps establish that archaeopteryx are more closely related to modern birds than previously thought.

Ⓒ The fossil helps establish a more accurate timeline of the evolution of archaeopteryx in the Solnhofen and Tiaojishan formations.

Ⓓ The fossil constitutes the first evidence found by scientists that archaeopteryx existed outside the Solnhofen limestone formations in Germany.

11. In an article, a journalist criticizes some remarks made by a human rights organization, asserting that they have evaluated Thomas Sankara, a military officer who became the first president of what is now Burkina Faso, based on the actions of others rather than his own.

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Which quotation from a human rights organization would best illustrate the journalist's claim?

Ⓐ "Sankara denied the rights to participate in a strike or protest, abolished trade union and party politics; some intellectuals saw this as being undemocratic."

Ⓑ "Like all political geniuses, Sankara had two faces: the qualities of a charismatic leader looking out for his people, and the share of cynicism with manipulation."

Ⓒ "Sankara's system of courts were mere 'show trials,' whose only purpose was to demonstrate the success of his regime: former government officials were not given heavy penalties."

Ⓓ "Sankara's distorted vision is clearly exemplified by the working-class leaders he entrusted with power: they ended up committing horrific abuses, demoralizing public and private life."

12. "The Death of the Author" is a 1967 essay by Roland Barthes, a French essayist and literary theorist, originally written in French. In the essay, Barthes elaborates his idea of writing, arguing that a text has meaning when the reader engages with it without limiting the meaning to the author:

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Which quotation adapted from a translation of "The Death of the Author" most effectively illustrates the claim?

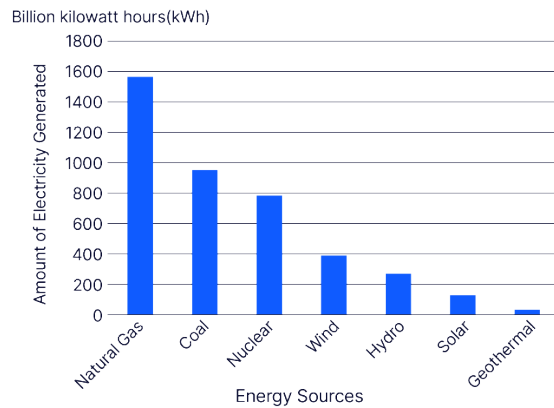
Ⓐ "We now understand that a text is not simply a string of words that conveys a single, fixed meaning, but rather a multi-dimensional space where a multitude of writings, none of them original, intersect and coexist."

Ⓑ "A text is made of multiple writings, drawn from many cultures and entering into mutual relations of dialogue, parody, contestation, but there is one place where this multiplicity is focused and that place is the reader; as a text's unity lies not in its origin but in its destination."

Ⓒ "The authority of the author still holds sway in literary histories, biographies of writers, interviews, magazines, and in the self-awareness of writers who seek to unite their personal lives and work through diaries and memoirs."

Ⓓ "We often seek the explanation of a literary work in the person who created it, as if, through the more or less transparent allegory in the fiction, it always represents the voice of a single individual - the author - who is 'sharing' with us."

13. Sources of US Electricity Generation, 2021



Renewable energy is a method of producing energy that reduces environmental harm by using natural resources like wind, sun, and water and avoiding energy sources that produce greenhouse gases. Renewable energy sources still take up a small fraction of the total energy sources used in the United States, but they have become more popular. According to the US Energy Information Administration, in 2021, wind energy generated about 400 billion kilowatt hours and _____

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Which choice most effectively uses data from the graph to complete the example?

Ⓐ coal and wind each had between 600 and 1,000 kilowatt hours.

Ⓑ natural gas had more than 1600 billion kilowatt hours.

Ⓒ solar energy had about 100 billion kilowatt hours.

Ⓓ nuclear had fewer than 600 billion kilowatt hours.

14. The topic of male care in species has been a subject of debate among scientists for many years with varying views. Scientists such as George Edwards claimed that the males of certain monogamous species, which forms pair bonds only with one mate, contribute direct care for their offsprings. By contrast, scientists such as Sarah Hrdy argued that male care of offspring is not restricted to monogamous species, but rather is a widespread phenomenon that occurs in a variety of species.

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Which finding, if true, would most directly support the argument made by Hrdy?

Ⓐ Male marmoset monkeys, which are socially monogamous, were observed to share the burden of carrying and feeding infants.

Ⓑ In most animal species, regardless of mating behavior, males play a significant role in defending their territories.

Ⓒ Studies have found that male emperor penguins typically have more than one mate but contribute to offspring care.

Ⓓ Observed parenting behavior were different between monogamous and non-monogamous species.



15. In the early twenty-first century, many software developers in Silicon Valley adopted design principles originating from Japanese companies, but it appears that few of these developers had any direct exposure to the design processes of those companies. Given the coincidence of similar design approaches across different tech companies, it is likely that _____

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Which choice most logically completes the text?

- Ⓐ the software developed in Silicon Valley were not well suited to design processes of Japanese companies.
- Ⓑ the design principles were spread through a network of people with direct exposure to the innovative practices of Japanese companies.
- Ⓒ design principles of Japanese companies were mainly adopted by Asian software companies.
- Ⓓ Silicon Valley software companies began to recognize the advantage of adopting Japanese design processes only recently.

Mr. Abdul

16. One of the first Black women to work as a NASA scientist, Katherine Johnson is renowned for her contribution to calculating the trajectory of the Apollo 11 spaceflight, which _____ the first humans on the Moon in 1969.

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

Ⓐ to land

Ⓑ having landed

Ⓒ landed

Ⓓ landing

17. American labor leader and civil rights activist Cesar Chavez was a key figure in forming the National Farm Workers Association, which later became United Farm Workers (UFW), a labor union that _____ the rights of agricultural workers in the United States.

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

Ⓐ endorses

Ⓑ have endorsed

Ⓒ endorse

Ⓓ are endorsing

18. The life spans of hummingbirds vary significantly by species. For instance, the black-chinned hummingbird (*Archilochus alexandri*) can survive for approximately a _____ the rufous hummingbird (*Selasphorus rufus*) only lives for an average of three to five years.

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

Ⓐ decade: while

Ⓑ decade, while

Ⓒ decade; while

Ⓓ decade. While

19. Bengali poet Rabindranath Tagore's Nobel Prize-winning Gitanjali (1912), a collection of 103 poems originally written in Bengali and translated to English by Tagore himself, _____ an indelible mark on the modern Indian literature movement.

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

Ⓐ leave

Ⓑ has left

Ⓒ are leaving

Ⓓ have left

20. Musician Bruce Springsteen was first dubbed “The Boss” by his bandmates in their early days of playing together, when he was in charge of making sure that the musicians got paid. Springsteen himself dislikes the _____ feeling that the very concept of bosses clashes with his working class ideals and staunch support of workers’ rights.

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

Ⓐ nickname, however

Ⓑ nickname, however,

Ⓒ nickname, however;

Ⓓ nickname; however

21. Materials scientist William Unsworth believed he could improve on the widely used alloy MgAlZn, a mixture of magnesium (Mg), aluminum (Al), and zinc (Zn), by replacing aluminum with copper _____ the alloy that resulted, MgZnCu, turned out to perform better than MgAlZn in elevated temperatures.

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

Ⓐ (Cu)

Ⓑ (Cu),

Ⓒ (Cu), and

Ⓓ (Cu) and

22. The Progressive Era in the United States witnessed the “muckraker” movement as journalists, writers, and photographers exposed the corruption behind huge corporations and American politics. Among the members _____ Ida Tarbell, known for her book *The History of the Standard Oil Company*.

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

Ⓐ are

Ⓑ was

Ⓒ were

Ⓓ have been

23. When gentle light or heat is exposed to polymer-based paper, a response is present, but the paper is still unstable and difficult to manipulate. Recently, researchers Hongzhi Wang and Meifang Zhue of the College of Materials Science and Engineering at Donghua used the chemical _____ to coat the paper, making it mechanically stronger and more stable.

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

Ⓐ compound, graphene oxide

Ⓑ compound graphene oxide,

Ⓒ compound, graphene oxide,

Ⓓ compound graphene oxide

24. Most plants can nourish themselves through a process called photosynthesis, which uses energy captured from the sun. However, not all plants photosynthesize. *Gastrodia kuroshimensis*, _____ inhabits the depths of Japanese forests where there is little sunlight and thus gets its nutrients from neighboring fungi.

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Which choice completes the text with the most logical transition?

Ⓐ similarly,

Ⓑ subsequently,

Ⓒ meanwhile,

Ⓓ for instance,

25. The more advanced an animal's cognitive abilities are, the larger the animal's brain tends to be. _____ from an evolutionary perspective, animals that only perform a set of specific tasks should have smaller brains compared to other species. The cleaner fish, which performs the single task of removing dead skin and infected tissue from other fish, provides an opportunity to explore this hypothesis.

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Which choice completes the text with the most logical transition?

Ⓐ Thus,

Ⓑ Subsequently,

Ⓒ Besides,

Ⓓ Nevertheless,

26. While researching a topic, a student has taken the following notes:

- Alice Munro is a Canadian author.
- In 1978, she published *Who Do You Think You Are?*, a book of ten short stories.
- The stories center around a Canadian woman named Rose and examine themes of identity and ambition.
- In 2004, she published *Runaway*, a book of eight short stories.
- The stories follow the lives of six Canadian women and explore themes of love and identity.

The student wants to emphasize a similarity between the two books by Alice Munro. Which choice most effectively uses relevant information from the notes to accomplish this goal?

Ⓐ Alice Munro's book *Who Do You Think You Are?*, which interrogates themes of identity and ambition, has more stories than *Runaway*.

Ⓑ *Who Do You Think You Are?* was published in 1978, and *Runaway* was published in 2004.

Ⓒ Unlike *Runaway*, Alice Munro's book *Who Do You Think You Are?* is about a single main character.

Ⓓ Alice Munro's books *Who Do You Think You Are?* and *Runaway* both use stories about Canadian women to investigate themes of identity.

27. While researching a topic, a student has taken the following notes:

- Leonard Cohen was a Canadian author and songwriter.
- In 1956, his first poetry collection, *Let Us Compare Mythologies*, was published by Contact Press as part of the McGill Poetry Series.
- His first novel, *The Favourite Game*, was published in 1963 by Secker and Warburg.
- His first album, *Songs of Leonard Cohen*, was released in 1967 by Columbia Records.
- Originally from Quebec, Canada, he died in 2016 in Los Angeles, California.

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The student wants to introduce the writer's 1956 poetry collection. Which choice most effectively uses relevant information from the notes to accomplish this goal?

Ⓐ After he published the books *Let Us Compare Mythologies* (1956) and *The Favourite Game* (1963), Leonard Cohen released his first album, *Songs of Leonard Cohen* (1967).

Ⓑ Leonard Cohen is a true multidisciplinary artist whose works include poetry collections, novels, and albums.

Ⓒ Published in 1956 by Contract Press, *Let Us Compare Mythologies* is the first poetry collection by Canadian author and songwriter Leonard Cohen.

Ⓓ In 1963, Leonard Cohen published his first novel, *The Favourite Game*, in Canada, his country of birth.