October 2025 HW

In the realm of physical chemistry, the concept of entropy is often described as a measure of _____. For instance, in a closed system where energy is conserved, entropy can be thought of as the degree of disorder or randomness. A highly ordered system, such as a perfectly stacked deck of cards, has low entropy. Conversely, a disordered system, like a shuffled deck of cards, has high entropy.

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

A: uncertainty

B: flow

C: complexity

D: volume

In many cultures, wealth and prosperity are not merely measured by the amount of money one possesses. Instead, they are often seen through a more _____ lens, considering factors such as the well-being of the community, the health of the environment, and the strength of familial and social ties.
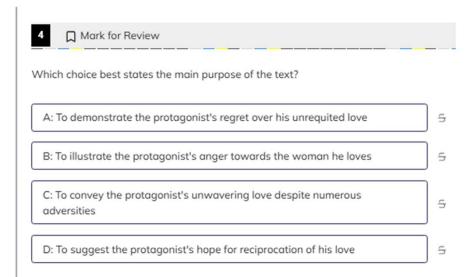
Which choice completes the text with the most logical and precise word or phrase?

A: materialistic

B: holistic

C: narrow

D: clear

In the legal context of climate change, the principle of 'polluter pays' is often invoked. This principle establishes an _____ relationship between the polluter and the environment: the polluter is responsible for the damage caused to the environment; the polluter is required to pay for the restoration of the damaged environment; and the polluter is held accountable for any future damage that may occur due to their actions.
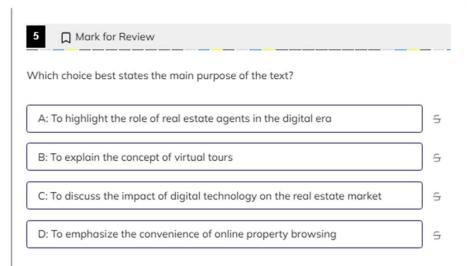
Which choice completes the text with the most logical and precise word or phrase?

A: ambiguous

B: interdependent

C: indifferent

D: inconsequential

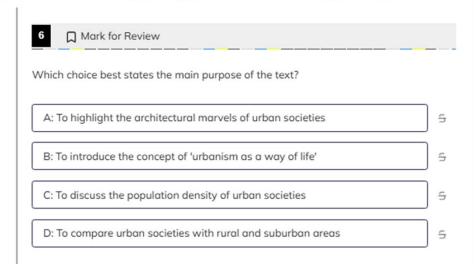The following text is from Charles Dickens's novel 'Great Expectations'.

I loved her against reason, against promise, against peace, against hope, against happiness, against all discouragement that could be. Once for all; I knew to my sorrow, often and often, if not always, that I loved her. In spite of her scorn, in spite of her malice, in spite of her injury to me and to my prospects, I loved her.

Which choice best states the main purpose of the text?

A: To demonstrate the protagonist's regret over his unrequited love

B: To illustrate the protagonist's anger towards the woman he loves

C: To convey the protagonist's unwavering love despite numerous adversities

D: To suggest the protagonist's hope for reciprocation of his love

In the late 20th century, the real estate market experienced a significant shift. The advent of digital technology transformed the way properties were listed and sold. The traditional method of visiting a real estate agent's office was replaced by online platforms, allowing potential buyers to browse properties from the comfort of their homes. This digital revolution also led to the emergence of virtual tours, providing a realistic view of properties without the need for physical visits. The shift not only made the process more convenient but also expanded the reach of real estate agents, enabling them to cater to a global audience.

Which choice best states the main purpose of the text?

A: To highlight the role of real estate agents in the digital era

B: To explain the concept of virtual tours

C: To discuss the impact of digital technology on the real estate market

D: To emphasize the convenience of online property browsing

Urban societies have always been a fascinating subject of study for sociologists. The dense population, the cultural diversity, the social dynamics, and the architectural marvels all contribute to the unique character of urban societies. One of the key aspects that sociologists focus on is the concept of 'urbanism as a way of life'. This concept, first introduced by Louis Wirth in 1938, suggests that the urban lifestyle significantly influences the attitudes, behaviors, and experiences of individuals. Wirth argued that the sheer size, density, and diversity of cities create a distinct social order that is different from rural or suburban areas.

Which choice best states the main purpose of the text?

A: To highlight the architectural marvels of urban societies

B: To introduce the concept of 'urbanism as a way of life'

C: To discuss the population density of urban societies

D: To compare urban societies with rural and suburban areas

Text 1

Cloud computing, the use of remote servers hosted on the internet to store, manage, and process data, is not really a significant advancement. It doesn't require as much skill as traditional computing. Operating with a cloud-based system is much easier than managing physical servers: the technology is doing most of the work.

Text 2

The programs used to manage cloud computing involve more than just clicking a few buttons. In addition to understanding the fundamentals of computing, cloud specialists need to be familiar with sophisticated software. Many IT professionals will start by setting up a traditional server before transitioning to a cloud-based system, where they can apply a variety of techniques that would otherwise require many different traditional tools.

Based on the texts, how would the author of Text 2 most likely respond to the claims of the author of Text 1?

A: By arguing that data stored in the cloud can still be accessed traditionally

B: By explaining that it's actually much harder to use a cloud-based system than to manage physical servers

C: By insisting that cloud computing requires technical abilities and skill even if it employs less traditional tools

D: By admitting that most IT professionals don't think fundamental server management skills are important

The following passage is from "Annabel Lee," a haunting and lyrical poem written by Edgar Allan Poe in 1849. One of Poe's most celebrated works, this poem explores the enduring and transcendent nature of a love that is so powerful it defies even death.

"And neither the angels in Heaven above, Nor the demons down under the sea, Can ever dissever my soul from the soul Of the beautiful Annabel Lee; "

Based on the text, which choice best describes how the speaker feels about Annabel Lee?

A: The speaker feels a deep, unbreakable bond with Annabel Lee.

B: The speaker enjoys his relationship with Annabel Lee.

C: The speaker longs for the memories of Annabel Lee.

D: The speaker thinks that supernatural forces caused his separation from Annabel Lee.

The Declaration of Independence, adopted on July 4, 1776, is a foundational document in American history. Drafted by Thomas Jefferson, it articulates the colonies' reasons for separating from Great Britain. The declaration emphasizes natural rights, including 'life, liberty, and the pursuit of happiness,' and the belief that governments derive their power from the consent of the governed. While it marked a significant step towards American independence, the document did not immediately grant freedom to all, notably excluding enslaved people and women. The Declaration of Independence has since become a symbol of liberty and democratic ideals, influencing movements for rights and freedoms worldwide.

🔖 Mark for Review

Which choice best states the main idea of the text?

A: The Declaration of Independence was primarily a moral proclamation that immediately led to universal liberty and equality in the American colonies.

B: The document is a seminal American text that underscored the philosophical underpinnings of the revolution while addressing specific colonial grievances against Britain.

C: It served as a legal contract between the American colonies and Britain, officially initiating the process of political separation and independence.

D: The declaration represented a universal application of democratic principles, leading directly to broad social and political reforms in the colonies.

In William Shakespeare's Macbeth, the eponymous character grapples with the consequences of his ambition and the heinous acts he commits to achieve power. As the play progresses, Macbeth's guilt and paranoia deepen, leading him to lament his choices and the bloodshed they have caused. In a moment of introspection, Macbeth reflects on the futility of his actions and the inevitability of his downfall. In one of his most famous soliloquies, he says, "Tomorrow, and tomorrow, and tomorrow, / Creeps in this petty pace from day to day / To the last syllable of recorded time, / And all our yesterdays have lighted fools / The way to dusty death."

Which choice most effectively uses a quotation from 'Macbeth' to illustrate Macbeth's realization of the emptiness of his power?

A: 'She should have died hereafter; / There would have been a time for such a word.'

B: 'Throw physic to the dogs; I'll none of it.'

C: 'Out, out, brief candle! / Life's but a walking shadow, a poor player / That struts and frets his hour upon the stage.'

D: 'Hang those that talk of fear. Give me mine armour.'

Samuel Johnson's poem delves into the complexities of human ambition and the pursuit of knowledge. The speaker muses on the efforts of scholars and the sacrifices they make in their quest for enlightenment. 'How small, of all that human hearts endure, that part which laws or kings can cause or cure. Still to ourselves in every place consigned, our own felicity we make or find. With secret course, which no loud storms annoy, glides the smooth current of domestic joy.' The speaker acknowledges the limitations of political power and the importance of personal contentment. The poem culminates in a reflection on the essence of true happiness, as the speaker _____

Which choice most logically completes the text?

A: envies the simple life of the shepherd, 'For he, by hills and meadows, is set free from the complex malady of being.'

B: bemoans the futility of grandeur, 'For all the pomp and majesty of courts cannot the dread of isolation thwart.'

C: contemplates the inner life, 'For not in the clamor of the crowded street, nor in the shouts and plaudits of the throng, but in ourselves, are triumph and defeat.'

D: celebrates the discoveries of the age, 'For each new marvel of the stars above reveals the boundless realms of human love.'

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In the haunting verses of Sylvia Plath's poetry, she confronts the darkness within. 'I am terrified by this dark thing that sleeps in me; all day I feel its soft, feathery turnings, its malignity. I should have loved a thunderbird instead; at least when spring comes they roar back again. I think I may well be a Jew who dies or a nun who leaves the cloister to take the veil; I am inhabited by a cry,' she confesses. Plath's work often grapples with themes of identity and inner turmoil, and her words resonate with the struggle to find peace amidst chaos. She _____.

Which choice most effectively uses a quotation from Sylvia Plath's poetry to illustrate the claim?

A: embraces the inevitability of fate, 'I took a deep breath and listened to the old brag of my heart: I am, I am, I am.'

B: finds solace in nature's cycles, 'I am silver and exact. I have no preconceptions.'

C: acknowledges the beauty of existence, 'Out of the ash I rise with my red hair and I eat men like air.'

D: expresses her existential dread, 'I am terrified by this dark thing that sleeps in me.'

Social Status	Jewelry Materials	Artifact Types	Burial Containers
Pharaohs	Gold and Precious Stones	Rare Artifacts	Elaborate Sarcophagi
Nobles	Silver and Semi-Precious Stones	Fine Pottery	Decorated Coffins
Commoners	Ceramics	Basic Tools	Simple Wooden Coffins

In ancient Egypt, the societal hierarchy was distinctly marked, and this was often reflected in the burial customs. The tombs of Pharaohs, nobles, and commoners displayed significant differences in their contents, indicating varying levels of wealth and social status. Archaeologists have long studied these variations to gain insights into the ancient Egyptian social structure.

Which choice best utilizes the data from the table to support the notion that in ancient Egyptian society, the type of artifacts found in tombs varied significantly depending on the social status of the individual?

A: The majority of tombs excavated belonged to nobles, indicating that they were the most significant social class in ancient Egypt.

B: The artifacts in the tombs of Pharaohs, nobles, and commoners show a clear distinction in materials and complexity, reflecting their differing social statuses.

C: Tombs located in the Valley of the Kings contained more elaborate artifacts, suggesting a higher social status for those buried there.

D: Older tombs tend to have fewer artifacts, indicating a possible decrease in the wealth of ancient Egyptian society over time.

The rise of digital campaigning has transformed the landscape of political elections, enabling candidates to reach a wider audience with greater ease. Social media platforms have become a crucial battleground where public opinion can be swayed. However, this shift has also raised concerns about the spread of misinformation and the ability of foreign entities to influence domestic elections. The increased reliance on digital platforms for political campaigning, consequently, _____

Which choice most logically completes the text?

A: has decreased the overall cost of political campaigns as traditional advertising becomes obsolete.

B: suggests that political candidates are less in touch with their constituents due to the impersonal nature of digital communication.

C: implies that there may be a need for stricter regulations and oversight to ensure the integrity of the electoral process.

D: indicates that voter turnout will dramatically decrease as people become disillusioned with politics.

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The proliferation of digital archives has made a vast array of American literature accessible to a global audience. This democratization of access has not only facilitated academic research but also allowed for a reevaluation of lesser-known works. Interestingly, the digital format has also enabled readers to interact with texts in novel ways, such as through hyperlinked annotations and multimedia supplements. These enhancements have the potential to alter the reader's engagement with the text, perhaps even affecting their interpretation of the narrative. The implications of this shift in literary consumption are still unfolding, but they may be profound. Consequently, _____

Which choice most logically completes the text?

A: authors are increasingly writing with an awareness of how digital platforms can shape their narratives.

B: the traditional role of literary critics has been diminished as readers now have more direct access to texts.

C: the original context and historical period of American literature are less relevant to modern readers.

D: the experience of reading American literature is becoming more interactive and potentially more personalized.

Back   Next

In the realm of video game development, Shigeru Miyamoto's influence is unparalleled. His creation, the iconic character Mario, first appeared in the game Donkey Kong. However, it was the 1985 release of _____ that truly cemented Mario as a household name.

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

A: Super Mario Bros. —

B: Super Mario Bros.,

C: Super Mario Bros.

D: Super Mario Bros.:

In computer programming, algorithms are essential for solving complex problems. A new algorithm developed by scientists at Stanford University can optimize decision-making processes by incorporating _____ into its calculations, leading to more efficient outcomes.

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

A: machine learning techniques, such as neural networks

B: machine learning techniques such as neural networks,

C: machine learning techniques, such as neural networks,

D: machine learning techniques such as neural networks

The 1937 novel Rickshaw Boy portrays the life of a poor rickshaw puller in Beijing, capturing the harsh realities of the working class in pre-revolutionary China. The novel delves into themes of poverty, struggle, and the quest for a better life, offering a poignant depiction of social injustice. Critics have noted the way pioneering _____ illustrates these themes and the broader socio-economic conditions of the time, making it a significant work in Chinese literature.

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

A: author Lao She

B: author, Lao She

C: author Lao She,

D: author, Lao She,

The Magna Carta, established in 1215, is often regarded as a fundamental part of English legal history, providing the basis for the principle of habeas corpus. The clause concerning this principle _____ one of the charter's most enduring legacies

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

A: are

B: have been

C: were

D: is

The CEO's new strategy for the company involves a series of initiatives that will capitalize on the employees' diverse skill sets to enhance the organization's overall _____.

🔖 Mark for Review

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

A: efficiency's

B: efficiencys

C: efficiency

D: efficiencies'

In the critical analysis of the Declaration of Independence, the author posits that the document's rhetoric of 'unalienable Rights' _____ a profound influence on subsequent democratic revolutions around the globe

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

A: has had

B: have

C: had

D: has

The Treaty of Versailles, signed in 1919, had profound implications on the geopolitical landscape of post-World War I Europe. Historians argue that the treaty's harsh terms sowed the seeds for World War II. In contemporary discourse, the treaty and its consequences _____ often revisited to understand the roots of modern conflicts.

🔖 Mark for Review

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

A: is

B: has

C: it is

D: are

Before any digging occurs, a preliminary analysis is conducted to identify potential sites of interest. Following the selection of a site, a surveyor outlines a detailed grid on the excavation site to guide the digging process. Next, the area is excavated carefully to ensure all artifacts are preserved during the process. ___ the artifacts are collected, cataloged, and sent to a laboratory for further analysis.

Which choice completes the text with the most logical transition?

A: For instance,

B: On the contrary,

C: Earlier,

D: Finally,

In a galvanic cell, chemical reactions occur between the electrolyte and the metal electrodes. This interaction causes electrons to flow through the external circuit from the anode to the cathode. These electrons, ___ generate an electrical current that can power devices.

Which choice completes the text with the most logical transition?

A: in turn,

B: likewise,

C: nevertheless,

D: in reality,

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

- Cognitive dissonance is a psychological phenomenon where an individual experiences discomfort due to conflicting beliefs or behaviors.
- This discomfort often leads to an alteration in beliefs or behaviors to reduce the inconsistency.
- Cognitive dissonance can occur in everyday decision-making and is a key concept in understanding human behavior.
- The theory was developed by Leon Festinger in the 1950s and has been applied to various fields, including marketing and politics.
- Recognizing and addressing cognitive dissonance can lead to more rational decision-making and behavior change.

The student wants to present the significance of cognitive dissonance in understanding human behavior. Which choice most effectively uses relevant information from the notes to accomplish this goal?

A: Cognitive dissonance is when people feel uncomfortable because they have conflicting thoughts or actions, and they might change to feel better.

B: Leon Festinger developed the theory of cognitive dissonance, which has been used in areas like marketing and politics.

C: Cognitive dissonance is a critical concept in psychology that explains how conflicting beliefs lead to discomfort and subsequent changes in behavior, offering insights into human decision-making.

D: Addressing cognitive dissonance can help people make better decisions and change their behavior, which is why it's important in psychology.

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

- Supply and demand are fundamental economic concepts that determine the price of goods and services in a market.
- The law of supply states that a higher price typically leads to a higher quantity supplied.
- The law of demand suggests that a higher price generally results in a lower quantity demanded.
- Equilibrium is reached when the quantity supplied equals the quantity demanded at a certain price level.
- Shifts in supply or demand can lead to changes in market equilibrium, affecting prices and quantities.

The student wants to explain how the concepts of supply and demand interact to determine market prices. Which choice most effectively uses relevant information from the notes to accomplish this goal?

A: Supply and demand are ideas in economics that say if something costs more, people will make more of it, and if it costs less, people will want more of it.

B: The law of supply and the law of demand are rules that describe how the amount of something changes when its price goes up or down.

C: Market equilibrium is a situation where the amount of a good or service that people want to buy is the same as the amount that is available.

D: The interplay of supply and demand dictates market prices, with equilibrium achieved when the quantity people are willing to buy equals the quantity available at a given price.

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

- The Cold War was a state of geopolitical tension between the United States and the Soviet Union after World War II.
- It was characterized by mutual distrust, propaganda, and proxy wars, but it never escalated into direct military conflict between the superpowers.
- The Cold War influenced global alliances and shaped international relations for decades.
- Key events included the Cuban Missile Crisis, the Space Race, and the fall of the Berlin Wall.
- The Cold War ended with the dissolution of the Soviet Union in 1991, leading to a shift in world power dynamics.

The student wants to present the Cold War and its conclusions. Which choice most effectively uses relevant information from the notes to accomplish this goal?

A: The Cold War involved the United States and the Soviet Union engaging in activities like propaganda and proxy wars, with events like the Cuban Missile Crisis.

B: The Cold War, a period of intense rivalry between the United States and the Soviet Union, concluded with the latter's dissolution in 1991, altering the global power structure.

C: During the Cold War, the Space Race and the fall of the Berlin Wall were significant events that occurred amidst the ongoing tensions.

D: Global alliances and international relations were affected by the Cold War, which was a time of high tension between two world superpowers.