

1. **While staying in Midian, this figure protected seven shepherdesses from rude shepherds and won the hand of Zipporah. This figure quelled unrest by ensuring a steady supply of quail and manna. This figure once made water appear by striking a (*) rock with his staff, which he gained after observing God in a burning bush and killing a cruel slave overseer. This brother of Aaron received the tablets of the Ten Commandments after warning Pharaoh of the ten plagues. For 10 points, name this central figure in the book of Exodus.**

ANSWER: Moses [or Moshe Rabbeinu]

020-09-10-15102

2. **In a 2002 election against Matt Salmon, this politician publicly rebutted rumors of being a lesbian. This Democratic politician was succeeded by Republican Jan Brewer when she resigned to take a Cabinet position in 2009. This former governor of (*) Arizona was criticized, following the December 2009 attempt by Umar Abdulmutallab (ahb-DOOL-muh-TAH-lahb) to destroy a Northwest Airlines flight, when she said "the system worked." For 10 points, identify this current Secretary of Homeland Security.**

ANSWER: Janet Napolitano

019-09-10-15103

3. **The enzyme adenylate cyclase (aa-DEN-uh-late SIK-laze) produces a "cyclic" secondary messenger from this molecule. This molecule is produced by an enzyme with a characteristic "gun barrel" structure, in which an axle-like structure turns and adds a (*) phosphate group to another molecule. Glycolysis (gli-CAHL-uh-sis) results in the net creation of two of these molecules, which are also produced in oxidative phosphorylation (FOS-for-uh-LAY-shun). For 10 points, name this molecule referred to as the "energy currency of the cell."**

ANSWER: ATP [or adenosine 5-prime triphosphate]

026-09-10-15104

4. **This king's policies were protested by Robert Aske's followers in the Pilgrimage of Grace. This king's minister Thomas Cromwell ordered the large-scale dissolution of Catholic monasteries. This king's only (*) male heir, Edward VI, was borne by his wife Jane Seymour. For 10 points, name this Tudor king of England, who founded the Anglican Church in order to divorce Catherine of Aragon and marry Anne Boleyn.**

ANSWER: Henry VIII Tudor [prompt on Henry]

004-09-10-15105

5. **One section of a work by this author compares the Bank of England's charging of interest to the production of bad Baroque art. This author wrote a poem that compares people to "petals on a wet, black bough" called "In a Station of the Metro." This poet translated "The River Merchant's Wife," a poem by (*) Li Po. One work by this author was written partially in Pisa, Italy, where he lived due to Fascist sympathies that led to his confinement after World War II in an American mental hospital. For 10 points, name this author of the *Cantos*.**

ANSWER: Ezra Weston Loomis Pound

022-09-10-15106

6. **This language does not use syllables, but moras. An *n* at the end of a syllable in this language counts as a separate mora. Generally speaking, it uses the particle *ga* to indicate a subject and *wa* to indicate a topic. This language uses various scripts, including one based on (*) Chinese characters, kanji, and two syllabic scripts, hiragana and katakana. For 10 points, name this language spoken in Tokyo.**

ANSWER: Japanese [or Nihongo]

024-09-10-15107

7. **This man set poems by King David in his *Symphony of Psalms*. His *Dumbarton Oaks* concerto was written during his neo-classical phase. "The Adoration of the Earth" is a section of a ballet he wrote using polytonality. In one ballet by this composer, maidens held captive by the ogre Katschei (CAT-shay) play with golden apples until Prince (*) Ivan frees them with help from the title creature's feather. For 10 points, name this Russian composer of *Petrushka*, *The Firebird* and *The Rite of Spring*.**

ANSWER: Igor Stravinsky

063-09-10-15108

8. **While serving as a mercenary in the Netherlands, this man was recruited by Robert Catesby. His efforts were thwarted by Francis Tresham, who warned Lord Montecagle to stay home. This man is (*) burned in effigy on "bonfire night" in England each November 5. His goal was to restore Catholicism to England by blowing up Parliament while King James I and the entire Protestant nobility were inside. For 10 points, name this chief executor of the Gunpowder Plot.**

ANSWER: Guy Fawkes

045-09-10-15109

9. **Pip and Daggoo are two of the black characters in this book. Dough-boy and Fleece supply the rest of the crew with food in this work. In this novel, the white turban-wearing servant Fedallah offers gloomy prophecies. The old blacksmith Perth, the first mate (*) Starbuck, and the harpoon-wielding Queequeg are other occupants of the *Pequod*, a sailing ship from Nantucket. Captain Ahab chases a white whale in this story, which is told by the narrator Ishmael. For 10 points, name this novel by Herman Melville.**

ANSWER: Moby Dick, or, The Whale

063-09-10-15110

10. **Types of this material include chernozem (CHAIR-no-zem) and solonetz (so-low-NETS). The formation of this substance is known as pedogenesis (PEH-doh-JEN-uh-sis). A yellowish type of it is known as "loess" (LOW-us). Another type of this substance contains a high percentage of (*) humus (HUE-muss), and is known as nutrient-rich loam. This material becomes saline, nutrient-poor, and dry during desertification. For 10 points, name this material, made up of biodegraded substances and disintegrated rock.**

ANSWER: soil [accept earth; do not accept "dirt" or similar answers]

024-09-10-15111

11. **Two members of a group led by this man rescued King Phineus (fin-AY-us) in Asia from some bothersome harpies. Those men, Zetes (ZEE-teez) and Calais (cah-LAY-iss), were children of the North Wind. Other members of that group led by this man included Odysseus's grandfather Autolycus (AW-toe-LYE-kus), Nestor, and (*) Meleager (MEL-ee-EY-ger). With the help of a potion brewed by the daughter of King Aetes (eye-EE-teez), this hero was able to elude a dragon and secure the Golden Fleece. For 10 points, name this onetime husband of Medea and leader of the Argonauts.**

ANSWER: Jason

063-09-10-15112

12. **This man painted his childhood friend in a rowing competition in the Schuylkill (SKOO-kull) River in his work *Max Schmitt in a Single Scull*. He depicted nude bathers in *The Swimming Hole*. In one of his paintings, a woman shields her eyes below a (*) scribe who sits on a raised desk taking operative notes. In that work by this artist, four assistants hold a retractor while a professor operates on a patient's femur at the Jefferson Medical College. For 10 points, name this Philadelphia artist of *The Gross Clinic*.**

ANSWER: Thomas Eakins

030-09-10-15113

13. **In historiography, this word refers to the fallacious study of history as a march of progress towards the present. This term also refers to the party, led by Robert Walpole, which dominated mid-eighteenth-century British politics before passing the Great Reform Bill. These original opponents of the (*) Tories also share their name with an American party, formed by Henry Clay and other anti-Jacksonian elements. For 10 points, identify this party, under whose banner William Henry Harrison and Zachary Taylor were elected to the Presidency.**

ANSWER: Whig Party [or whigs; or Whiggish view of history; or other word forms]

019-09-10-15114

14. **One lake in this state is formed by the Fort Randall Dam and is called Francis Case Lake. This state is the location of the Oahe Dam and Lake Oahe. Both those dams are on the Missouri River while it is in this state. This state's highest point, Harney Peak, is located in place also home to the (*) Sturgis Motorcycle Rally. This state home to Badlands National Park has its southwest covered by the Black Hills. For 10 points, name this state with cities Sioux Falls and Pierre, which is also the location of Mount Rushmore.**

ANSWER: South Dakota

023-09-10-15115

15. **The static form of this force typically has a coefficient larger than the coefficient of the kinetic form of this force. Those coefficients are represented by the Greek letter mu (MEW). The kinetic coefficient is found by taking the value of this force over the value of the (*) normal force. This force works perpendicular to gravity and the normal force and in opposition to an applied force. For 10 points, name this force that occurs between two objects moving against one another, which causes objects to slow down as they move over a rough surface.**

ANSWER: friction force

023-09-10-15116

16. **This playwright wrote about a woman who forges her father's signature to get money from Krogstad. In one of this man's plays, waste pollutes baths that employ Dr. Thomas Stockmann. This man wrote a play where Judge (*) Brack discovers the owner of a pistol that Eilert Lovborg used to kill himself. George Tessman's wife shoots herself in a play by this author of *An Enemy of the People*. Torvald Helmer, a bank manager, is left by his wife Nora in another play by, for 10 points, what author of *Hedda Gabler* and *A Doll's House*?**

ANSWER: Henrik Johan Ibsen

027-09-10-15117

17. This instrument represents *The Unanswered Question* in an Ives work for it, flutes, and strings. Haydn wrote a concerto for the inventor of the modern version of this instrument. One piece with this musical instrument in its name was excerpted from the *Prince of Denmark's March* by Jeremiah (*) Clarke, and its known as this instrument's "voluntary." For 10 points, identify this valved instrument, whose noted modern players included Miles Davis, Louis Armstrong, and Dizzy Gillespie.

ANSWER: trumpet

019-09-10-15118

18. One movement named after this city attempted to implement the reforms of Ota Sik; following the destruction of that movement, Gustav Husak ascended to power in this city. This city was home to the suspicious death of Jan Masaryk. In another event in this city, followers of Jan (*) Hus threw seven people out of a window onto pikes; two hundred years later a similar event in this city sparked the Thirty Years' War. For 10 points, name this city home to a 1968 "Spring" liberalization movement and three Defenestrations.

ANSWER: Prague

003-09-10-15119

19. A comedic scene in this play sees a porter pretending to be Hell's gatekeeper. Near the end of this play, the title character muses about the creeping of "tomorrow, and tomorrow, and tomorrow" before comparing life to a tale "full of (*) sound and fury." A key scene in this play features a sleepwalking woman envisioning a spot of Duncan's blood on her hands. The title character is ultimately slain by a man "not of woman born," Macduff. For 10 points, name this Shakespearean tragedy about a murderous king of Scotland.

ANSWER: *The Tragedy of Macbeth*

052-09-10-15120

20. Allred and Rochow (ROE-shou) developed one formula to calculate this property, which can also be calculated by taking the arithmetic mean of electronic affinity and (*) ionization energy in the Mulliken scale. The most commonly used scale for this property, developed by Linus Pauling, gives fluorine a value of just under 4.0. For 10 points, name this chemical property that describes the ability of an atom to attract electrons towards itself in a covalent bond.

ANSWER: electronegativity

064-09-10-15121

21. Benjamin Hays's call for churches to be more involved in society steered this man away from a medical career. Doctors dubbed him "a sneeze away from death" after Izola Ware Curry stabbed him with a letter opener; ten years later, he was killed at the (*) Lorraine Motel. He joined with Ralph Abernathy to form the Southern Christian Leadership Conference after his involvement in the Montgomery bus boycott. For 10 points, name this man who was shot in Memphis four years after the March on Washington, where he delivered the "I have a dream" speech.

ANSWER: Martin Luther King, Jr. [or Michael King, Jr.]

019-09-10-15122

1. This story sees Kentuck become emotionally attached to the title character. For 10 points each:

[10] Name this short story in which Cherokee Sal's child brings good fortune to a mining settlement during the California gold rush.

ANSWER: "The **Luck of Roaring Camp**"

[10] This western American author of "Tennessee's Partner" and "The Outcasts of Poker Flat" edited the *Overland Monthly* literary magazine and wrote "The Luck of Roaring Camp."

ANSWER: Francis Bret **Harte**

[10] Bret Harte's *Overland Monthly* printed short fiction like "The Celebrated Jumping Frog of Calaveras County" written by this author of *Huck Finn*.

ANSWER: Mark **Twain** [accept Samuel Langhorne **Clemens**]

026-09-10-15201

2. This man's furniture designs include a chair created for the German Pavilion at a 1929 exhibition in Barcelona. For 10 points each:

[10] Name this modernist architect who collaborated with Philip Johnson on a New York landmark that contains the Four Seasons Restaurant, the Seagram Building.

ANSWER: Ludwig **Mies** van der Rohe

[10] Mies served as the final chairman of this architectural school, which was based primarily in Weimar and Dessau, and which was founded by Walter Gropius.

ANSWER: the **Bauhaus** [or Staatliches **Bauhaus**]

[10] Buildings by Mies van der Rohe that can be found in this American state include Crown Hall, the Farnsworth House, and a pair of apartment buildings on Lake Shore Drive.

ANSWER: **Illinois**

029-09-10-15202

3. Examples of these include the moon god Tsukuyomi [tsoo-koo-YO-mi] and the sun god Amaterasu [ah-mah-te-RAH-soo]. For 10 points each:

[10] Name these divine figures from Shinto mythology.

ANSWER: **kami**

[10] With her similarly-named brother and husband, this kami created the Japanese islands by churning the sea with a spear.

ANSWER: **Izanami** [do not accept "Izanagi"]

[10] This mountain, the highest in Japan, has often been considered sacred in Japanese folklore. Along with Mount Haku and Mount Tate, it is one of Japan's "Three Holy Mountains."

ANSWER: Mount **Fuji**

024-09-10-15203

4. This structure is made up of over 200 million nerve fibers and integrates motor and sensory activities. For 10 points each:

[10] Name this structure that connects the right and left hemispheres of the brain.

ANSWER: **corpus callosum**

[10] The corpus callosum is found in all mammals except marsupials and these egg laying mammals that include the echidna and platypus.

ANSWER: **monotremes** [or **Monotremata**]

[10] Some studies have shown that the size of the corpus callosum differs between genders, making it an example of this kind of physical difference, which occurs between sexes of the same species.

ANSWER: **sexual dimorphism**

064-09-10-15204

5. This world capital contains a Chinatown called Petaling Street. For 10 points each:

[10] Name this capital city that also contains the Cesar Pelli-designed Petronas Towers.

ANSWER: **Kuala Lumpur**

[10] Kuala Lumpur is the capital of this country.

ANSWER: **Malaysia**

[10] Malaysia's federal government has its seat at this city on the Malay peninsula, which is on the Multimedia Super Corridor and is named for the Father of Malaysian Independence.

ANSWER: **Putrajaya**

026-09-10-15205

6. This company's former president Jeffrey Skilling is serving a twenty-four-year prison sentence, and former CEO Kenneth Lay died after being convicted in 2006. For 10 points each:

[10] Name this energy corporation, whose collapse triggered a wave of corporate bankruptcies in 2002.

ANSWER: **Enron** Corporation

[10] This 2002 law was passed in response to the Enron scandal and mandated more diligent reporting of corporate finances.

ANSWER: **Sarbanes-Oxley** Act [or **Sarbox**; prompt on partial answer]

[10] Enron was based in a city named for a noted holder of this political office. Mirabeau Bonaparte Lamar and Anson Jones also held this position when it existed from 1836 to 1846.

ANSWER: **President** of the Republic of **Texas**

019-09-10-15206

7. This son of Indian parents is the namesake of a 20th century dictator. For 10 points each:

[10] Name this man who served as Mexican president from 1861 to 1872. This man led the resistance against Emperor Maximilian, and his namesake law abolished special courts for the clergy and military.

ANSWER: Benito **Juarez**

[10] This Mexican president was overthrown by Francisco Madero in 1911 after ruling Mexico with an iron fist for almost thirty years.

ANSWER: Porfirio **Diaz**

[10] Diaz was deposed during this conflict, which began in 1910. Emiliano Zapata and Pancho Villa led groups during this civil conflict.

ANSWER: **Mexican Revolution**

030-09-10-15207

8. Artists associated with this movement include Jacopo da Pontormo and El Greco. For 10 points each:
[10] Name this artistic movement of the sixteenth and seventeenth centuries, which was characterized by artificial effects, like distorted proportions.

ANSWER: **mannerism** [accept word forms]

[10] This artist's late works tended to be in the mannerist style. His works include a noted pieta and the *Creation of Adam*, the latter of which is on the Sistine Chapel ceiling.

ANSWER: **Michelangelo** Buonarroti

[10] The distorted proportions associated with mannerism can be seen in this artist's *Madonna of the Long Neck*. He also painted *Self-Portrait in a Convex Mirror*.

ANSWER: **Parmigianino** [or **Parmigiano**; or Girolamo Francesco Maria **Mazzola**]

024-09-10-15208

9. A substance with this property may emit a certain noise in the Barkhausen effect. For 10 points each,
[10] Name this property of a metal commonly found in materials such as cobalt and iron.

ANSWER: **ferromagnetism**

[10] Ferromagnetism only occurs below this critical temperature; as it is approached, alignment decreases within domains.

ANSWER: **Curie point** or **Curie temperature**

[10] Once a material is above its Curie point, it can only exhibit this form of magnetism requiring the presence of an externally applied magnetic field.

ANSWER: **paramagnetism**

002-09-10-15209

10. He posited that "a bitter look," "a flattering word," "a kiss," or "a sword" are some of the ways that "each man kills the thing he loves" in his *Ballad of Reading Gaol* (JAIL). For 10 points each:

[10] Name this Irish-born writer, who wrote the *Ballad* upon his release from a sodomy sentence.

ANSWER: Oscar Fingal O'Flahertie Wills **Wilde**

[10] Twenty-eight years before the start of this Wilde play about "bunburying," Miss Prism swapped Algy Moncrief and a book. Cecily Cardew, Jack Worthing, and Gwendolyn Fairfax also become married by its end.

ANSWER: *The **Importance of Being Earnest***

[10] Mrs. Cheveley attempts to break up the Chilterns' marriage in this Wilde play, set against a political debate over building a canal in Argentina.

ANSWER: *An **Ideal Husband***

019-09-10-15210

11. As Governor of New York this man led the charge to take down Boss Tweed and the Tammany Hall machine. For 10 points each:

[10] Name this man who, despite winning the popular vote, lost to Rutherford Hayes in the 1876 Presidential Election.

ANSWER: Samuel Jones **Tilden**

[10] Tilden may have lost in part due to the political attacks from this cartoonist, who developed the donkey as the symbol of the Democrats and the elephant as the symbol of the Republicans.

ANSWER: Thomas **Nast**

[10] In a weird twist, David Davis resigned from the 1876 Electoral Commission after the Illinois legislature elected him to the Senate. This later amendment prevented future such shenanigans by letting the people directly elect Senators.

ANSWER: **Seventeenth** Amendment

003-09-10-15211

12. The protagonist romances the *osu* Clara, who later has to undergo an illegal abortion. For 10 points each:
[10] Name this novel, which closes with Obi taking a bribe and being arrested in a sting operation.

ANSWER: **No Longer at Ease**

[10] Obi's grandfather is Okonkwo, the protagonist of this novel. The ambitious Okonkwo is exiled when he accidentally kills a man; later, missionaries like Brown and Smith come.

ANSWER: **Things Fall Apart**

[10] Those two novels, as well as *Arrow of God* and *Anthills of the Savannah* were written by this Nigerian author.

ANSWER: Chinua **Achebe**

022-09-10-15212

13. Many works of European literature involve animals. For 10 points each:

[10] Daisy and Dudard are among the last to turn into the title creatures, leaving only Berenger as a human, in this play by Eugene Ionesco.

ANSWER: **Rhinoceros**

[10] Pilez and Mahlke are represented by the title creatures in this second novel of Gunter Grass's Danzig Trilogy.

ANSWER: **Cat and Mouse** [or **Katz und Maus**]

[10] A soldier cryptically explains "It is God without men" after abruptly killing a panther he had fallen in love with in "A Passion in the Desert," a short story by this author of the *Human Comedy* novels.

ANSWER: Honoré de **Balzac**

019-09-10-15213

14. Examples of these in Finnish include the illative [ILL-uh-tive] and the abessive [uh-BESS-ive]. For 10 points each:

[10] Name these linguistic things, better known types of which include nominative, genitive, and dative.

ANSWER: **cases**

[10] This case marks the direct object of a verb. An example of a pronoun in this case is "whom" in the sentence, "Whom did you call?"

ANSWER: **accusative**

[10] This case, which exists in Latin, indicates that the noun is the person being addressed by the speaker, such as Brutus in the sentence, "Et tu, Brute?" [et too, BREW-tay].

ANSWER: **vocative**

024-09-10-15214

15. According to one story, this man smashed up the idols in his father's home to demonstrate the futility of paganism. For 10 points each:

[10] Name this Biblical patriarch who nearly sacrificed his son Isaac.

ANSWER: **Abraham**

[10] Abraham was the father of Ishmael with this woman, the handmaiden of Sarah.

ANSWER: **Hagar**

[10] Abraham, along with Sarah and Jacob, all are supposedly buried in this complex in Hebron.

ANSWER: **Cave of the Patriarchs** or **Cave of Machpelah**

064-09-10-15215

16. Identify these X-Men villains, for 10 points each.

[10] Known as Eric Magnus Lehnsherr, he helped to train the New Mutants when he decided to ally with the X-Men for a while and led the Acolytes.

ANSWER: **Magneto**

[10] Born Victor Creed, he was part of the Weapon X project along with Wolverine but now is his mortal enemy.

ANSWER: **Sabretooth**

[10] Led by an Inner Circle which includes Black King Sebastian Shaw and White Queen Emma Frost, Mastermind tried to manipulate Phoenix on behalf of this group.

ANSWER: **Hellfire Club**

062-09-10-15216

17. It was named for a club in Sedalia, Missouri, where it was first performed for publisher John Stark. For 10 points each:

[10] Name this rag which, on its 1899 publication, became the first instrumental sheet music to sell a million copies and popularized the name of “ragtime.”

ANSWER: the **Maple Leaf Rag**

[10] This composer of the *Maple Leaf Rag* and *The Entertainer* became known as the “king of ragtime” but did not live to see the success of his opera *Treemonisha*.

ANSWER: Scott **Joplin**

[10] Instead of “ragtime,” Joplin preferred a name for the genre that reflected the prominence of this musical technique, in which off-beats are emphasized and expected rhythms are avoided.

ANSWER: **syncopation** [or **syncopated** music]

019-09-10-15217

18. Answer the following about the Concert of Europe, for 10 points each.

[10] This Russian tsar started the Holy Alliance and was a key figure in keeping the status quo in Europe during the period.

ANSWER: **Alexander I** of Russia [prompt on **Alexander**]

[10] This Austrian statesman worked with Alexander I to keep the balance of power, but he was forced to flee to England during the revolutions of 1848.

ANSWER: Klemens von **Metternich** [or Klemens **Wenzel**, Prince von Metternich]

[10] Metternich issued these resolutions after the 1819 murder of August von Kotzebue to try and limit free speech and university organizations.

ANSWER: **Karlsbad** Decrees

023-09-10-15218

19. An important property of these is their tacticity (tack-TISS-it-ee). For 10 points each:

[10] Name these long molecules made of repeating components called monomers.

ANSWER: **polymers**

[10] The polymer rubber can be made stronger and more durable by this process invented by Charles Goodyear.

ANSWER: **vulcanization** [or word forms]

[10] Natural rubber is a polymer of this molecule.

ANSWER: **isoprene** [or **2-methylbuta-1,3-diene**]

001-09-10-15219

20. This circuit element consists of two parallel plates. For 10 points each:

[10] Name this circuit component that stores charge.

ANSWER: **capacitor** [or **condenser**]

[10] This is the original form of a capacitor, invented by a Dutchman in the 1740's and named for a city in the Netherlands.

ANSWER: **Leyden** jar [or **Leiden** jar]

[10] The insulating material between the plates of a capacitor is typically this type of material, an insulator that becomes polarized when an electric field is applied.

ANSWER: **dielectric** material

026-09-10-15220

21. Lots of places near Germany have been disputed throughout history. For 10 points each:

[10] Ceded to France by the Peace of Westphalia, this doubly-eponymous territory was a bone of contention in the Franco-Prussian War and incorporated into the German Empire in 1871.

ANSWER: **Alsace-Lorraine**

[10] This territory was fought over during the War of the Austrian Succession. It is mainly located mainly in present-day Poland.

ANSWER: **Silesia**

[10] The Munich Pact allowed this heavily German area of Czechoslovakia to be annexed by Nazi Germany.

ANSWER: **Sudetenland**

030-09-10-15221