

Tossups

1. **Bronze sculptures of babies appear to crawl up and down this city's tallest building, a transmitter tower consisting of nine pods sandwiched between three pillars. A Gothic cathedral in this city unusually has double-diagonal ribs spanning the choir-bay, forming the so-called net vaults, or Parler's vaults. This city is home to a statue with a gilded halo of five stars and palm, which is part of a continuous alley of thirty statues decorating this city's best-known bridge. Wavy windows and a "pinched in" glass half give a (*) skirt-like appearance to another of its buildings, whose unusual appearance resulted in the nickname "Ginger and Fred." For 10 points, name this European capital home to Frank Gehry's Dancing House and the St. Vitus Cathedral, which honors the patron saint Wenceslaus.**
ANSWER: Prague [or Praha]
2. **One of these pieces by this composer is in A-flat major and opens with the right hand playing a trill on E-flat that lasts eight bars. A piece only posthumously grouped with these works bears the nickname "Sostenuto" and is in E-flat major. In the standard version of the ballet *Les Sylphides*, some of these pieces by this composer are the only ones in the keys of G-flat major, C-sharp minor, or E-flat major. The first of these pieces to be published is titled (*) "Grande brillante," and the "Farewell" one was dedicated to the composer's former fiancée Maria Wodzińska. The sight of a dog chasing its tail inspired one of these pieces titled "Minute." For 10 points, name these dances in 3/4 time by the composer of the *Revolutionary Etude*.**
ANSWER: waltzes by Frédéric Chopin [or waltzes by Frédéric François Chopin; or waltzes by Fryderyk Franciszek Chopin; prompt on partial answers]
3. **One of these objects has a 400 kilometer wide impact crater named after Odysseus and a 2000 kilometer long valley called Ithaca Chasma. Another of these objects has the highest albedo of any Solar System object, and bears cracks in its surface known as "tiger stripes" that spew out water-ice particles near its cryovolcanically active south pole. Ontario Lacus and Kraken Mare are on the largest one of these object, and are theorized to be (*) hydrocarbon lakes. That largest object also has an atmosphere consisting of 98% nitrogen exerting 1.5 atmospheres of pressure at its surface. Many of them were visited by the Cassini spacecraft. For 10 points, name these objects that include Tethys, Mimas, and Titan.**
ANSWER: moons of Saturn [prompt on "moons" or "(natural) satellites"]
4. **Characters in this novel spill ink on their blouses on purpose because they enjoy getting the stains removed by their science teacher. One character in this novel has imaginary conversations with characters from other novels, such as Alan Breck and Mr. Rochester. Another character in this novel, who wears a green uniform from her previous school, insists on being called Joyce Emily and dies after running off to Spain to fight for (*) Franco. After becoming a nun, a character in this novel changes her name to Sister Helena and writes *The Transfiguration of the Commonplace*. That character has an affair with the art teacher Teddy Lloyd. It focuses on the title character's "set", who attend the Marcia Blaine School for Girls. For 10 points, name this novel about a Scottish schoolteacher, by Muriel Spark.**
ANSWER: The Prime of Miss Jean Brodie
5. **The speaker of this poem decides to use "sea-winds blown from east and west" to perfume a location. That speaker of this poem decides to decorate a house with, among other things, "floods of the yellow gold of the gorgeous, indolent, sinking sun". The last section of this poem begins "Passing the visions, passing the night, passing, unloosing the hold of my comrade's hand." Its speaker invokes the "western (*) orb sailing the heaven" before returning to the theme of the hermit thrush. Earlier in this poem, its speaker places a flower upon a passing coffin. It begins by referencing the "great star early droop'd in the western sky." For 10 points, name this elegy for Abraham Lincoln, written by Walt Whitman.**
ANSWER: "When Lilacs Last in the Dooryard Bloom'd"

6. This work states that everything strives to persevere in being and claims that every material thing is represented by an “adequate idea”. In this work, “perception”, “reason”, and “intuition” are ordered by level of reliability in its hierarchy of knowledge. This work introduced the *conatus* principle and claims that “thought” and “extensions” are the two known (*) “attributes”. This work defines anything that depends on something else for its own existence as a “mode”, which is contrasted with a “substance”, which is independent. This work defines human passions as “Human Bondage”, and describes God as containing infinite attributes as well as being interchangeable with nature. For 10 points name this geometrically-organized work, a treatise by Baruch Spinoza.

ANSWER: Ethics, *Demonstrated in Geometrical Order* [or Ethica, *ordine geometrico demonstrata*]

7. An all-woman group devoted to this cause included Susanna Inge and Mary Ann Walker. Meetings held by members of this group led to the Bull Ring Riots, and a large meeting for this group took place on Kersal Moor. A number of supporters of this movement were killed during an action organized to free Henry Vincent. A defeat for this group led to riots and the Plug Plot, after a petition introduced by Thomas Duncombe was rejected despite having over (*) 3 million signatures. Its “physical force” wing included John Frost, who led the failed Newport Rising. Feargus O’Connor and William Lovett were two of its leaders, and it started with six demands, including universal male suffrage. For 10 points, name this working-class reform movement in Britain that was named after a document created in 1838.

ANSWER: Chartism [or Chartists]

8. Soon after one of these events occurs, the *keriah* is performed. A meal of eggs and bread, the *seudat havara’ah*, follows these events, which are immediately succeeded by the *aninut* period, as well as the *shloshim* and *avelut*. In response to these events, worshippers spend seven days “sitting shiva.” The *yahrzeit* candle is lit on the anniversary of one of these events. The (*) *tallit* of a person who undergoes one of them has one of its fringes cut off. For thirty days after one of these events, a prayer beginning “May his great name grow exalted and sanctified,” the *kaddish*, is recited to the congregation. For 10 points, name these occurrences in Judaism that are typically followed by a burial and funeral.

ANSWER: a death in Judaism [or a burial; or a funeral; or the death of a friend/relative; or obvious equivalents]

9. In a reaction of this type, di-cobalt-octa-carbonyl acts as a source of carbon monoxide to a reacting alkyne and alkene. An isoxazolidine results from a reaction of this kind between a nitron and an alkene. In the first step of ozonolysis, a molozonide forms due to this type of reaction between ozone and an alkene. A widely-used reaction of this type, between an alkyne and an azide, is the premier example of click chemistry. In their best-known example, the (*) *endo* transition state is favored. They are notated by placing, in square brackets, the number of electrons contributed by each reactant, separated by plus signs. In the most famous reaction of this type, a diene and dienophile react together. For 10 points, the Diels-Alder reaction is a reaction of what type, in which the reactants join together to form a ring?

ANSWER: cycloaddition [prompt on “addition”; anti-prompt on “Pauson–Khand”, “nitron–olefin”, “Huisgen”, or “Diels–Alder”]

10. In one story, these people get revenge for being left on an anthill, as babies, by turning their elder stepbrothers into howler monkeys. In another tale, these people defeat a pair of demons through the use of a gypsum-coated roast bird and a fake crab; prior to that, they defeated the demons’s father by stealing his jewelry and replacing his teeth with corn. In addition to humiliating the evil and vain demon (*) Seven Macaw, they passed through six nights of trials in the underworld, during which the elder was decapitated by a bat; however, even after that setback, they were able to defeat the Lords of Xibalba in a ballgame. For 10 points, name this pair of mythological brothers whose legendary deeds are described in the *Popol Vuh*.

ANSWER: Hunahpù and Xbalanqué [accept in either order; or the Mayan Hero Twins]

11. The minimal functioning units in this field, such as kernels, are known as formatives in a work titled “Aspects of the Theory of” this field. “Out to lunch” is an example of the pro-drop theory in this field. Relationships like c-command, which can help solve the “parasitic gap” problem, are part of this field’s government and binding theory. Do-support, pied-piping, and wh-movement are among the rules in this component of a (*) language. That 1965 book on “Aspects of the Theory of” this field held that well-formed strings of formatives create a “deep structure,” while applying transformational rules creates the uttered “surface structure.” For 10 points, name this subfield of linguistics that analyzes the structure of sentences.
ANSWER: syntax [prompt on “linguistics” until “out to lunch” is read]
12. One character in this play explains another’s disposition by saying that he was born of a sea-maid or two stock-fishes, and that his urine is congealed ice. A character in this play says “We must not make a scarecrow of the law” to explain his harsh judgment of a man who impregnated a young woman. In this play, a character’s execution is avoided when the head of the (*) pirate of Ragozine is substituted for his own. A nobleman in this play disguises himself as a friar to arrange for the jilted Mariana to sleep with her fiancé, in place of a woman who refused to sacrifice her virginity to the man whom the Duke left in charge of Vienna. For 10 points, name this play in which Angelo asks Isabella to sleep with him in exchange for pardoning her brother Claudio, a “problem play” by William Shakespeare.
ANSWER: Measure for Measure
13. This king’s achievements were the subject of a poeticized Latin history by an Abbess of Gandersheim who also wrote the plays *Gallicanus* and *Dulcitius* during his reign. At the end of his reign, he negotiated a marriage between his son and the Byzantine princess Theophano. He married a Burgundian princess after defeating Berengar of Ivrea and declaring himself King of the Lombards. This husband of (*) Adelaide won his greatest victory on a floodplain south of Augsburg, where he met nomadic warriors under Sur and Lehel. This king drove the Magyars out of Germany for good at that encounter, the Battle of Lechfeld. For 10 points, name this 10th-century German king who is considered the first Holy Roman Emperor.
ANSWER: Otto the Great [or Otto I; prompt on “Otto”]
14. In a portrait by this artist, St. Paul’s Cathedral and other London scenery are visible through a window, next to which a Polish general grabs at his bandaged head and rests on a green sofa. A woman covered in a green shawl appears to be crying on the left side of a painting by this artist, in which a gathering crowd looks upon a woman dressed in white, who is holding an urn containing the remnants of a Roman general. This artist of *Agrippina Landing at Brundisium with the Ashes of Germanicus* and second president of the (*) Royal Academy inaccurately included Simon Fraser in the center of another painting. In that painting, a Native American crouches to view the title wounded British general, resting in the hands of his comrades at the Plains of Abraham. For 10 points, name this Anglo-American painter of *The Death of General Wolfe*.
ANSWER: Benjamin West
15. The fastest-known processive motion is the seven-micrometer-per-second travel, via 35 nanometer steps, of the type XI of these proteins in plants. Rho kinase inactivates a phosphatase affecting these proteins, and also directly phosphorylates part of them. Most of these proteins consist of a neck next to a long coiled-coiled tail domain. Phosphorylation of the regulatory light chain of one of these proteins is important in the formation of a cleavage furrow during cytokinesis. In the absence of ATP, one of them fails to (*) unattach from its substrate, causing rigor mortis. The hydrolysis of ATP causes the head of one of these proteins, which spans the “A” band of a sarcomere, to straighten. For 10 points name this class of proteins that make up thick filaments, and are involved in muscle contraction alongside actin.
ANSWER: myosin

16. **John Salvi murdered two of this group's employees in Massachusetts. In a case this group brought to trial, Sandra Day O'Connor's opinion invoked an "undue burden" standard in deciding whether some state regulations were constitutional. This organization was harmed when the government implemented the "Hyde Amendment" and (*) "Mexico City Policy."** The Guttmacher Institute spun off from it and was named for the man who succeeded Margaret Sanger as its president. This organization filed a lawsuit against Pennsylvania governor Bob Casey for his state's Abortion Control Act. For 10 points, name this organization that advocates for access to birth control and abortion.
ANSWER: Planned Parenthood Federation of America
17. **For substances exhibiting this phenomenon, a criterion stating that the Doppler-shifted kinetic energy of certain quasiparticles must be positive gives a critical velocity above which this behavior cannot occur. Fluctuations in phonon density in substances exhibiting this phenomenon allow extremely fast wave-like heat transfer, a phenomenon known as second sound. (*)** Rollin films exhibit the Onnes effect as a consequence of this phenomenon. This phenomenon can be used to separate mixtures of helium-3 and helium-4 since they undergo a certain phase transition at different temperatures. For 10 points, name this phenomenon in which a cooled liquid can creep out of its container as it loses all resistance to flow.
ANSWER: superfluidity
18. **A diary entry in this novel states that the last chimpanzees still turn their noses up at human beings, while comparing a character to a Neanderthal. In a scene from this novel, the protagonist warns a character not to return to a cinema operator's house; that conversation takes place on a bench near a rendition of the *Pieta* in a museum. This novel's title refers to an occurrence during the (*) crucifixion, which is also alluded to by the novel being broken into three "hearings". In this novel, Ivanov and Gletkin disagree about the best way to coerce the protagonist into confessing to a crime he did not commit. For 10 points, name this novel in which Rubashov is given a show trial during the Stalinist purges, by Arthur Koestler.**
ANSWER: Darkness at Noon [or Sonnenfinsternis; or Solar Eclipse]
19. **A non-English member of this group took part in the digging team that led the original follow-up investigation to the Piltdown Man hoax. A leader of this group printed a world map known as the Impossible Black Tulip, and allured an emperor with gifts of a piano and a chime clock. Members of this group unsuccessfully argued their point in the Chinese Rites Controversy. This group operated settlements known as reductions. Its first leader to visit China was (*) Matteo Ricci, and the first to visit Japan was Francis Xavier. After taking a cannonball to the leg, the founder of this group wrote the *Spiritual Exercises*. For 10 points, name this Catholic order, founded by St. Ignatius of Loyola, that engages in a lot of missionary work.**
ANSWER: Jesuit Order [or Society of Jesus; prompt on "Catholics" or "Christians"]
20. **The sea resort of Blanes is known as the "Gateway" to a rugged coastline region in this country. With its northern neighbor, this nation jointly manages the historical conference center of Pheasant Island in the Bidasoa river. An "extremely hard" region in this country is known for producing ham from black pigs, whose introduction here is credited to Phoenicians who built the settlement of (*) New Carthage. The Costa Brava region in this country was home to the rabbi Nahmanides, who lived in the city of Girona. Rioja wine originates in this setting of *Un chien andalou*, whose 1978 constitution created its autonomous communities of Extremadura and Asturias. For 10 points, name this original home of the "man of La Mancha" from Castille.**
ANSWER: Kingdom of Spain [or Reino de España]

Bonuses

1. This concept's prioritizing does not lead to the "vicious subjectivizing of the totality of entities" according to a work which defines it as an entity which, "in its very Being, that Being is an issue for it." For 10 points each:
[10] Give this philosophical term that refers to the experience of being that is unique to humans.
ANSWER: dasein
[10] This philosopher introduced that use of *dasein* in his magnum opus, *Being and Time*. This man's shift from "doing" to "dwelling" in philosophical work and thinking during the 1940s is known as "the turn."
ANSWER: Martin Heidegger
[10] This other term was used by Karl Jaspers to refer to the realm of authentic being, in contrast to his use of *dasein* to describe being in the realm of objectivity and science.
ANSWER: existenz
2. Ted Weiss led an unsuccessful attempt to impeach the President after this action. For 10 points each:
[10] Name this action, codenamed Operation Urgent Fury, which resulted in the ousting of the People's Revolutionary Government. This action was prompted by the overthrow of Maurice Bishop.
ANSWER: United States invasion of Grenada [or obvious equivalents]
[10] The invasion of Grenada was carried out under this U.S. President, who claimed that it was "Morning in America" in an ad campaign for the 1984 election.
ANSWER: Ronald Reagan [or Ronald Wilson Reagan]
[10] Along with Flynt Nichols, this Senator names a 1986 defense reform bill that fixed the inter-service rivalry seen in the invasion of Grenada. This Republican endorsed gay service in military by saying that "Everyone knows that gays have served in the military honorably since the time of Julius Caesar."
ANSWER: Barry Goldwater
3. In a version of this chapter, the author changed the last line from "I could see the shadow of no parting from her" to "I saw no shadow of another parting from her". For 10 points each:
[10] Name this chapter that originally concluded with the narrator declaring that suffering gave a certain character "a heart to understand what my heart used to be", but which was changed on advice from Edward Bulwer-Lytton.
ANSWER: the final chapter of Great Expectations [or Chapter 59 of Great Expectations; or obvious equivalents for "final chapter", such as ending]
[10] *Great Expectations* is by this Victorian author, the creator of Samuel Pickwick and Ebenezer Scrooge.
ANSWER: Charles Dickens [or Charles John Huffam Dickens]
[10] The facts-obsessed teacher Thomas Gradgrind appears in this Dickens novel, set in Coketown, in which Gradgrind's son robs Josiah Bounderby's bank.
ANSWER: Hard Times
4. In 2010, researchers at the University of Maryland discovered a subtype of these receptors in the lungs, which has interesting implications for treating asthma or COPD. For 10 points each:
[10] Name these receptors, which are highly concentrated atop the fungiform, foliate, and circumvallate papillae, and are grouped into namesake "buds." They are broadly divided into "bitter" and "sweet" families.
ANSWER: taste receptors
[10] Nervous input for two-thirds of the taste receptors of the tongue makes it through this cranial nerve, which is dysfunctional in Bell's palsy.
ANSWER: facial nerve [or cranial nerve VII]
[10] When activated, bitter taste receptors activate the alpha subunit of gustducin, which in turn raises the level of this enzyme, which is responsible for hydrolyzing cAMP and cGMP back to ATP and GTP.
ANSWER: phosphodiesterase [or PDE]

5. An artist with this surname surprisingly took into account the accurate reflections cast by a sleeping cat and a dog eating scraps from a plate in his depiction of the *Last Supper*. For 10 points each:
[10] Give this surname of Pietro and his brother, who depicted the prosperous Tuscan countryside and a tyrant with horns resting his feet upon a goat in two paintings from his series *The Allegory of Good and Bad Government*.
ANSWER: **Lorenzetti** [or Ambrogio **Lorenzetti**; or Pietro **Lorenzetti**]
[10] *The Allegory of Good and Bad Government* was located, as a solemn reminder, in the town hall of this Italian city, which rivaled Florence in its heyday in the 14th and 15th centuries.
ANSWER: **Siena**
[10] Siena set the Italian Renaissance in motion by commissioning the artist Duccio to produce the *Maesta*, a massive altarpiece with these two enthroned religious figures in the middle. One of them cradles another in *Pieta* scenes.
ANSWER: **Jesus** Christ and the Virgin **Mary** [accept in either order; or obvious equivalents mentioning Jesus **Christ** of Nazareth and the Virgin **Mary**; or **Madonna and Child**]
6. The Jaynes-Cummings model is used to model an atom with this many levels, which is the most important system in quantum optics. For 10 points each:
[10] Name this minimum number of levels required for a system to display the Schottky anomaly. There exist this many values of spin for a spin-1/2 particle.
ANSWER: **two** [or obvious equivalents, such as **dos** or someone flashing the **peace** sign]
[10] The Schottky anomaly is observed in salts with this property, as it's due to unpaired electrons or partially filled orbitals. Orbital quenching in molecules normally obviates this property, though oxygen is an exception.
ANSWER: **paramagnetism** [or word forms]
[10] A ideal paramagnetic system of independent, *non-interacting* spin-1/2 particles, like solid helium-3, can exhibit this odd property seen in lasers at population inversion. This peculiar property actually just means that higher energy levels are more occupied than lower ones, so the Boltzmann factor's sign is reversed.
ANSWER: **negative temperature** on an absolute scale [or obvious equivalents, such as a **temperature below absolute zero**]
7. Washington and Colorado legalized recreational use of this product for people over 21. For 10 points each:
[10] Name this product whose medicinal usage is legal in several more states, like California.
ANSWER: **marijuana** [or **cannabis**; or obvious equivalents, such as **pot**, **sativa**, **MJ**, **weed**, **bud**, **Mary Jane**, **marijuwana**, **grass**, **herb**, **ganja**, **chronic**, **reefer**, **Acapulco gold**, **Texas tea**, **Thai sticks**, or **Panama red**]
[10] Though he opposed the rescheduling, this current governor of Colorado accepted the results of the marijuana referendum as a shift in public attitudes. He makes a cameo in Kurt Vonnegut's novel *Timequake*.
ANSWER: John **Hickenlooper**
[10] This 2009 memo stated that it would be an inefficient use of Federal resources to prosecute medical marijuana distributors. It is named for a former Deputy Attorney General who resigned over disagreements with Eric Holder.
ANSWER: **Ogden** memo
8. Otto von Bismarck prophesied that a massive European war would begin on account of "some damned foolish thing" on this peninsula. For 10 points each:
[10] Name this peninsula, which contains the countries of Serbia, Romania, and Macedonia.
ANSWER: **Balkan** peninsula [or the **Balkans**]
[10] This term refers to Balkan outlaws who fought back against Ottoman rule, often becoming the subject of folktales. Eric Hobsbawm extensively analyzed their activities, calling it a form of social banditry.
ANSWER: **hajduks** [or **haiducii**; or **klephts**; or **betyars**]
[10] A king with this name employed a unit of hajduks under the command of Starina Novak. A king of Romania with this name was succeeded by, and succeeded, Carol II and presided over Ion Antonescu's reign.
ANSWER: **Michael** [or obvious equivalents, such as **Mihail**]

9. His 1828 collection of *Odes and Ballades* includes an ode to Napoleon's column, and he wrote of all the sailors who have drowned in the seas in his poem "Oceano Nox". For 10 points each:
[10] Name this French author of an unfinished epic with sections dedicated to the story of Nimrod, the death of Jesus Christ, and the storming of the Bastille. That work is *The End of Satan*.
ANSWER: Victor **Hugo** [or Victor Marie **Hugo**]
[10] Victor Hugo is better known for this novel, in which the gypsy Esmerelda inspires love in the Archdeacon Claude Frollo and the title character, the bellringer Quasimodo.
ANSWER: *The **Hunchback of Notre Dame*** [or ***Notre-Dame de Paris***]
[10] Hugo's *Les Miserables* opens with several chapters devoted to this clergyman, who later covers for Jean Valjean after the latter robs the church's silver, by claiming that he gave the silver to Jean as a gift.
ANSWER: Bishop Charles-François-Bienvenu **Myriel** [or Monseigneur **Bienvenu**]
10. Their composer completed five of these works for orchestra in his lifetime, the third of which is in C minor. For 10 points each:
[10] Name these works whose first contains a trio that was reworked and fitted with the lyrics "Land of Hope and Glory" for the *Coronation Ode* of Edward VII.
ANSWER: **Pomp and Circumstance** (Military) Marches
[10] The *Pomp and Circumstance Marches* are by this English composer, who depicted various friends in his *Enigma Variations*.
ANSWER: Edward **Elgar**
[10] The *Enigma Variations* were premiered by an Austrian conductor of this last name, who also premiered Brahms's Second and Third Symphonies. A Soviet pianist of this last name gave the premieres of Prokofiev's Seventh and Ninth Piano Sonatas.
ANSWER: **Richter** [or Hans **Richter**; or Sviatoslav **Richter**]
11. A nine-verse poem is occasionally attached to the beginning of this section. For 10 points each:
[10] Name this part of a larger work, in which a deity displays his universal form to awe a warrior who was reluctant to fulfill his duty by killing his enemies in battle.
ANSWER: *Bhagavad **Gita*** [or *The **Song of the Bhagavana***]
[10] The Bhagavad Gita is part of this massive Hindu epic, which depicts the Kurukshetra war, in which Krishna helps guide Arjuna to victory over the Kauravas in the Battle of Kurukshetra.
ANSWER: **Mahabharata**
[10] Madhvacharya and Adi Shankara, commentators from this Hindu philosophical school, each authored notable commentaries on the Gita. This philosophical tradition was primarily concerned with interpreting the foundational texts of Hinduism.
ANSWER: **Vedanta** school
12. A prevalent instance of this process – second only to events caused by sewer pipe or water main leaks – results from dissolution of carbonate rocks underneath the Earth's surface. For 10 points each:
[10] Name this process in which the Earth's surface moves vertically downward.
ANSWER: **subsidence**
[10] These large gaping cavities in the Earth's surface are probably the most famous examples of subsidence. They're extremely common in Florida because it's underlain by limestone and Floridians consume excessive water, lowering the water table that was supporting the roofs of caves, which then collapse!
ANSWER: **sinkholes**
[10] Some of the biggest sinkholes ever, such as at Lake Peigneur and Bayou Corne, involve the interaction of these structures and (sigh) humans. These mushroom- or plug-esque diapirs can form stratigraphic traps that contain sweet, sweet hydrocarbons.
ANSWER: **salt domes**

13. The main metaphor for this condition is that of seeing oneself through the eyes of others. For 10 points each:
[10] Name this term for an African-American person's struggle with reconciling being black with being American because the latter is defined in white cultural terms.
ANSWER: **double consciousness**
[10] The theory of "double consciousness" appears in *The Souls of Black Folk*, by this African-American social thinker. His Niagara Movement opposed the conciliatory approach of Booker T. Washington.
ANSWER: W.E.B. **DuBois** [or William Edward Burghardt **DuBois**]
[10] DuBois's *Black Reconstruction in America* attacks the work of this Columbia University historian, whose namesake school characterized Reconstruction as an attempt by Radical Republicans to subjugate the South.
ANSWER: William Archibald **Dunning**
14. This coin was worth ten asses, which is why its name translates as "containing ten." For 10 points each:
[10] Name this small silver coin, the most common circulated in the Roman Empire.
ANSWER: **denarius** [or **denarii**]
[10] This emperor's predecessor, Diocletian, was the final emperor to issue bronze denarii. This emperor defeated Maxentius at the Battle of Milvian Bridge and converted to Christianity.
ANSWER: **Constantine** the Great [or **Constantine** I; or Saint **Constantine**]
[10] Constantine issued this pure-gold coin to replace the *aureus* and re-stabilize the empire's coinage. On the markets, one of these coins was valued at 275,000 debased denarii.
ANSWER: **solidus**
15. Many authors wrote works inspired by Shakespeare's *The Tempest*. For 10 points each:
[10] This Victorian poet had the title character explain his violent worldview in the poem "Caliban upon Setebos". The Duke of Ferrara shows off a portrait of his dead wife in this author's poem "My Last Duchess".
ANSWER: Robert **Browning**
[10] This author of *Notebook of a Return to My Native Land* and co-founder of the Négritude movement re-imagined Caliban as a black slave to a white Prospero in his *A Tempest*.
ANSWER: Aimé **Césaire**
[10] This Barbadian author of the autobiographical novel *In the Castle of My Skin* drew upon *The Tempest* in his book about West Indian identity, *The Pleasures of Exile*.
ANSWER: George **Lamming**
16. Their songs "I'm Glad I'm Not Young Anymore" and "Thank Heaven for Little Girls" were introduced by Maurice Chevalier in the film *Gigi*. For 10 points each:
[10] Name this lyricist and composer team who adapted the Arthurian legend into the musical *Camelot*, which includes the song "If Ever I Would Leave You".
ANSWER: Alan Jay **Lerner** and Frederick **Loewe** [accept in either order; prompt on partial answers]
[10] In this Lerner and Loewe adaptation of George Bernard Shaw's *Pygmalion*, Henry Higgins gives elocution lessons to Eliza Doolittle, who sings the songs "Wouldn't It Be Lovely" and "I Could Have Danced All Night".
ANSWER: **My Fair Lady**
[10] In his last solo, Henry Higgins cannot bring himself to say that he loves Eliza, so he says this title phrase instead. It is followed by the words "She almost makes the day begin".
ANSWER: "I've Grown **Accustomed to Her Face**"

17. This group referred to themselves as “The Vicious Circle”, and they included the author of *Abe Lincoln in Illinois* and *The Petrified Forest*. For 10 points each:
[10] Name this group of wits from the 1920s who gathered for daily luncheons at their namesake hotel. They included Robert Sherwood, Alexander Woollcott, and Dorothy Parker.
ANSWER: **Algonquin Round Table**
[10] Alexander Woollcott was the inspiration for the protagonist of this play by George S. Kaufman and Moss Hart, in which Sheridan Whiteside takes over the household of the Stanley family after injuring his hip at their house.
ANSWER: The **Man Who Came to Dinner**
[10] The final act of *The Man Who Came to Dinner* takes place on this holiday. Delia and Jim exchange self-sacrificing presents on the night before this holiday in O. Henry’s story “The Gift of the Magi”.
ANSWER: **Christmas**
18. Should you come in contact with this substance and survive, you have the Leidenfrost effect to thank. For 10 points each:
[10] Name this substance used to store numerous biological materials such as tissues and sperm. It only exists below -196 Celsius, or 77 Kelvin, at standard pressure.
ANSWER: **liquid nitrogen** [or **liquid N₂**; prompt on “nitrogen” or “N₂”]
[10] The extra mechanical stress that objects experience at liquid nitrogen temperatures is exploited in this cryogenic technique, in which materials such as tissues are cooled and then reduced into very small particles.
ANSWER: cryo**milling** [or cryogenic **grinding**; or freezer **milling**; or freezer **grinding**]
[10] Liquid nitrogen is produced industrially through the fractional form of this process, which separates mixtures by boiling point through cycles of vaporization or condensation
ANSWER: **distillation**
19. Answer the following about *geis* taboos in Celtic mythology, for 10 points each.
[10] This woman, who was betrothed to Finn MacCumhaill, placed a *geis* upon Finn’s warrior Diarmuid to force him to run away and elope with her.
ANSWER: **Gráinne**
[10] Cu Chulainn dies soon after he breaks a *geis* by eating the meat of this animal, one of which he slew earlier in life to earn his name.
ANSWER: **dogs** [or obvious equivalents, such as **canines**]
[10] Cu Chulainn was forced to eat the dog meat due to a second *geis* that may embody an early Irish taboo on refusing offers of this service. The Trojan War resulted from a violation of the Greek conception of this concept known as *xenia*.
ANSWER: **hospitality** [or **guest-friendship**; or obvious equivalents, such as **staying** in someone else’s **home** or **making** oneself at **home**; prompt on “food”, “meals”, or related terms like “friendliness”]
20. A group named for this man led a guerrilla campaign that overthrew the military regime of Anastasio Somoza. For 10 points each:
[10] Name this man who was killed by the National Guard of Anastasio Somoza. The group named after this man was led by Daniel Ortega and fought against the Contras.
ANSWER: Augusto Cesar **Sandin**
[10] Sandino was extensively pursued, but never captured, by forces from this country. This country’s intervention in Nicaraguan politics during the rule of Jose Santos Zelaya was an important example of its “dollar diplomacy.”
ANSWER: the **United States** of America [or obvious equivalents]
[10] Pedro Joaquin of this family was an ardent anti-Somoza partisan who was assassinated in the early ’80s. Pedro’s wife Violeta defeated Daniel Ortega to become the President of Nicaragua in 1990.
ANSWER: **Chamorro**