

**DECAMERON (ROWLEY JEFFERSON HIGH SCHOOL FOR SCIENCE AND TECH)
GUERRILLA TOURNAMENT**

Questions by Pratyush Jaishanker, Vance Kreider, Elliot Lee, Benjamin McAvoy-Bickford, Alex Moon

1. **One poem by this author discusses how “By nature’s self in white arrayed / she bade thee shun the vulgar eye.” Another poem by this author describes a place where “Reason’s self shall bow the knee / to shadows and delusions here.” That poem by this author describes a man buried with a bow and venison. Another poem by this author discusses how “The space between is but an (*) hour / the frail duration of a flower.”** Thomas Jefferson convinced this author to edit a newspaper that was intended to serve as a counterweight to the Federalist-leaning *Gazette of the United States*. For 10 points, name this poet of “The Indian Burying-Ground” and “The Wild Honey-Suckle,” who wrote many poems about the American Revolution.

ANSWER: Philip Morin Freneau

2. **A baryonic form of the Tully-Fisher relation was predicted by this theory, and an earlier version of this theory added a constant denoted a_0 (“A-not”) as well as a dimensionless function F to the classical Lagrangian formulation. This theory predicts the “Freeman Limit” on the surface mass density of spiral galaxies, as well as the mass discrepancy during the merger of tidal dwarf galaxies. The central law of this theory defines force as the product of the mass, acceleration, and a function denoted (*) μ (“mu”), known as the interpolating function. The colliding galaxy clusters in the Bullet Cluster gave evidence against this theory, due to unexplained offsets in dark matter mass. This theory predicts that dark matter halos can affect the movement of galaxies currently unexplained by general relativity. For 10 points, name this theory by Mordehai Milgrom that tries to explain the distribution of matter in the universe by modifying its namesake’s laws of motion.**

ANSWER: MOdified Newtonian Dynamics (or MOND)

3. **A nominee in this election was, in fact, nominated against his will and died of a hemorrhage nine days before voting began. That nominee’s running-mate, Charles Jenkins, wrote a famous proclamation which was later described as “the cornerstone of Southern policy”, the *Georgia Platform*, and he ran on the Union Party ticket. This election saw the only time a Vice President took the oath of office on foreign soil, though he also eventually died over a month after the swearing-in. This was notably the last election that featured a (*) Whig Party candidate, who was himself known for earlier defeating Santa Anna’s forces at Cerro Gordo in his war service. For ten points, name this election, in which former Mexican-American war general Winfield Scott lost by a landslide in the electoral college to New Hampshire senator Franklin Pierce.**

ANSWER: U.S. Presidential Election of 1852

4. **In the first movement of a symphony by this composer, stacked fourths over a repeated rhythm of a dotted eighth note and two thirty-second notes lead into the E minor primary theme. In this composer’s last finished symphony, a trumpet solo interrupts a dissonant *Rondo-Burleske* with a lyrical melody that recurs in the finale, which is in D flat and ends with the marking “dying away.” This composer of a work nicknamed (*) “Song of the Night,” which includes parts for mandolin and tenor horn, began his six-movement third symphony with eight unison horns playing a Brahms-inspired melody. The third movement of that work by this composer is interrupted by a posthorn, while its fourth movement includes an alto solo that quotes from Nietzsche’s *Also Sprach Zarathustra*. For 10 points, name this late Romantic composer, whose other symphonies include those titled “Titan” and “Resurrection.”**

ANSWER: Gustav Mahler

5. In this character's first appearance, he explains to an office worker how to buy presents for his boss. In another appearance, while teamed up with the TV show Papi Ricki, he explains how easy it is to win money while riding a motorcycle. This character was given his name after being featured on the website "Venezuelan Triples". A collection of pictures of this character serves as the intro for the fictional Mamarre Studios. While he was originally a mascot for the (*) Chilean Lottery Kino5, he was recently featured alongside the song "Alone" due to similarities between his name and that artist's name. In another video, this character appears shortly before a picture of a woman doing yoga and a surprised Pikachu. That narrator repeats "hagapate pomapelo" while a VRChat character dances. For 10 points, name this character whose name comes before "agachate y conocelo" in a meme.

ANSWER: Marcelo (accept Marcelo agachate y conocelo)

6. Theodore Dalrymple wrote an article in *City Journal* that analyzed Le Corbusier's artwork and how it equated him to this phenomenon, placing emphasis on the idea that he and his disciples claimed to create universal "states of mind" in artwork that others could not comprehend. Slavoj Žižek divided this phenomenon into four facets, one of which was the idea that it arose out of an existential closure of thought. A book titled for this concept claims "intellectual, spiritual, and artistic initiative" to be as dangerous to (*) it as mob rule, and is notably divided into three essays including "Antisemitism" and "Imperialism". Hannah Arendt discussed this concept and its ideological appeal by comparing Nazism and Stalinism. For ten points, name this political concept, characterized by absolute power in the state controlling both public and private life.

ANSWER: totalitarianism [prompt on "authoritarianism" or "dictatorship"]

7. An important leading figure in this battle was called "the best man of all the kings of our time" by Polybius, and had managed to cultivate fruits in his home territory to the point where it became known as a "breadbasket of Rome". This battle was partly provoked after one side captured a stranded fleet and stripped it of supplies, violating an armistice. The right wing of this battle was composed of cavalry under the direction of (*) Massinissa. War elephants at this battle turned on their masters after being repulsed by horns. This battle followed the Battle of the Great Plains, which forced Hannibal to return to Africa where he was subsequently pursued by Scipio Africanus. For ten points, name this Roman victory over Carthage, the culmination of the Second Punic War.

ANSWER: Battle of Zama

8. This man's daughter Hippodamia was shot by Artemis one day while she was weaving, and through her, this man was the grandfather of a hero whose death was signaled by a bloody rainfall from Zeus. He was sent on a quest to overcome a group of pirates led by an ogre named Cheimarrhus, and later called upon his father to flood the (*) Xanthian Plain, forcing King Iobates to make peace with him. This man was sent with a letter from King Proetus falsely accusing him of raping the queen, which led to a series of impossible tasks that he still managed to complete. This man's downfall came when his hubris led him to attempt to fly to Mount Olympus, leading to Zeus unleashing a gadfly sting that cast him back down to Earth. For ten points, name this hero, who rode on Pegasus and notably fought the Chimera.

ANSWER: Bellerophon [accept Bellerophontes]

9. The killing of an author from this country inspired the novel *See Under: Love* by David Grossman. That same author wrote of a man transformed into a piece of wallpaper, then a piece of clothing and finally a large

crablike insect. In a poem from this country, the narrator describes a “curt ‘wrong number’ caught in the receiver” and “Suitcases checked and standing side by side”. Besides the author of *Sanatorium Under the Sign of the Hourglass*, a 1996 Nobel Laureate from this country wrote how (*) “the book of events is always open halfway through” in *Love at First Sight*. Jonathon Safran Foer used his favorite novel from this country to create his *Tree of Codes*; that was *The Street of Crocodiles*. For ten points, name this country, home to Wislawa Szymborska and Bruno Schulz.

ANSWER: Poland

10. If the limit as n goes to infinity of (read slowly) “ I minus A all to the power n ” equals 0 , then matrix A has this property. It’s not square, but André-Louis Cholesky developed a method of decomposition of positive definite matrices with this property. All Frobenius matrices have this property, which can be shown by negating all the values off the main diagonal. A matrix with this property can not have 0 as an (*) eigenvalue. Matrices with this property are row equivalent to the identity matrix. While this property only applies to square matrices, non-square matrices may have the “left” and “right” versions of this property. A matrix with a determinant of 0 is “singular” and does not have this property. For 10 points, name this property of a matrix such that when multiplied by another matrix returns the identity matrix.

ANSWER: Invertibility (accept invertible or “having an inverse”, accept non-singular or not singular before “singular”, prompt on determinant equal to zero or similar answers)

11. This man compared sharps and flats in music to “apparent irregularities” while explaining his views on symbolism in a work. This philosopher was criticized by Harold Prichard after he gave a lecture at the Joett Society and failed to give an answer to his own question on the validity of Descartes’s *Cogito ergo sum*. One of this philosopher’s later works analyzed Goethe and Runge in order to clarify language regarding color; that was his *Remarks on Colour*. A work by (*) Saul Kripke criticized one of this man’s arguments as a rule-following paradox, and one of his most famous works claimed that “what we cannot speak of we must pass over in silence.” He began his *Philosophical Investigations* with a quote from the *Confessions* of St. Augustine. For ten points, name this Austrian philosopher, who was also well-known for writing the *Tractatus Logico-Philosophicus*.

ANSWER: Ludwig Josef Johann Wittgenstein

12. An especially horrid member of this family forced a prince to pretend to be a chicken in her royal court and lay eggs whenever a visitor arrived. That person’s reign was typically referred to as a “dark era” within her country’s history. A different ruler of this dynasty had his wife (*) Eudoxia tried on charges of adultery and transferred to a convent. The first ruler of this dynasty was elected by a parliament and was found living in a monastery with his mother. This dynasty came to power following the tumultuous Time of Troubles, and included a leader who embarked on a tour of Europe to learn shipbuilding in disguise. For ten points, name this former ruling dynasty of Russia, which included monarchs such as Anna Ivanovna and Peter the Great.

ANSWER: House of Romanov [House of Romanoff]

13. A black-and-white version of this film debuted at the Rotterdam International Film Festival. A character in this film calls the bottom-right of a painting the “schizophrenia zone” to explain her knowledge of a traumatic event that occurred to a child she is tutoring. At the start of this film, a character is seen walking into the bathroom to get a Wi-Fi signal with his father’s encouragement. Characters in this film initiate a

brawl after a (*) housekeeper reveals that she has hidden her husband in the cellar to escape loan sharks. This film explores the exploits of the Kim family as they slowly take over jobs in the Park family home and begin getting into conflict with the owners' former employees. For 10 points, name this South Korean black comedy thriller from director Bong Joon Ho that notably won the Academy Award for Best Picture at the 92nd Oscars.

ANSWER: Parasite [accept Gisaengchung]

14. A poem from this literary movement states that **“I would like a simple life”** and describes **“all night dark wings flapping in my heart”**. Besides **“The Ambition Bird”**, another poem from this movement tells of the **“pheasant cocks that march past their dubious hens”** and ends with the claim that **“You are still my daughter”**. That poem was dedicated to **“Cynthia”** and is interspersed with imagery from the Korean War. One poem from this movement describes **“where the graveyard shelves on the town”** and a **“red fox stain”** that covers **“Blue Hill”**. A radio bleats (*) **“Love, O careless Love. . .”** and the narrator states that, **“I myself am Hell”** in a poem from this movement. For ten points, name this movement characterized by its use of direct and colloquial style whose members included W.D Snodgrass, Robert Lowell, and Anne Sexton.

ANSWER: Confessional Poetry

15. A mythical white one of these animals named for the snow is a symbol of Tibet. The House of Folkung, also known as the House of Bjelbo, spread the usage of one of these heraldic animals to Finland and other countries they influenced. A red one of these animals on a background of blue and white stripes forms the civil ensign of Luxembourg. A winged one of these animals that holds a (*) Bible is named for St. Mark and is a symbol of Venice. In the coat of arms of the United Kingdom, one of these animals symbolizes England while a unicorn symbolizes Scotland. One of these animals holds a sword and faces left on the Sri Lankan flag. For 10 points, name these animals, one of which “of Judah” symbolizes Ethiopia and the Rastafari movement.

ANSWER: lions

16. A test of this statement examined 48 different species of nematodes to determine the benefits of outcrossing compared to selfing. A log-linear survivorship curve proved this statement, and it predicts deterioration of an organism's environment at a stochastically constant rate. The formulator of this statement also theorized the **“Law of (*) Extinction”** which states that organisms have an equal probability of extinction over geologic time. This statement explains why sexual reproduction almost always occurs in complex species, as well as coevolution between predators and prey. According to this hypothesis, an adaptation in a parasite induces a natural selection pressure in its host, resulting in an evolutionary **“arms race”**. For 10 points, name this hypothesis formulated by Leigh Van Valen which states that organisms constantly evolve to gain a reproductive advantage.

ANSWER: Red Queen Hypothesis

17. In **“Mood Indigo,”** this instrument unusually plays lower notes than the muted brass instruments it is paired with. That song was written by Duke Ellington and a player of this instrument, Barney Bigard. Though it wasn't his primary instrument, the use of a low-pitched version of this instrument outside classical music was popularized by Eric Dolphy. One player of this instrument recorded Neil Hefti's arrangement of **“Caldonia”** and led numerous bands called (*) **“The Herd.”** Recordings by one of those bands inspired Stravinsky to write a hybrid piece featuring this instrument, the *Ebony Concerto*. This instrument was largely supplanted in jazz

bands by the saxophone, though it plays a notable glissando at the beginning of George Gershwin's *Rhapsody in Blue*. For 10 points, name this woodwind instrument played by Woody Herman and Benny Goodman.

ANSWER: clarinet

18. **It's not the Mountain God, but this deity ordered four dragons to be trapped in mountains after they intervened in a drought without his blessing. This deity was once said to be the crown prince of the kingdom of Pure Felicity and Majestic Heavenly Lights and Ornaments. This man notably only allowed his daughter to visit her husband across a bridge of magpies spanning the (*) Milky Way on the seventh day of the seventh month each year after she married a cowherd. This deity, who asked the Twelve Zodiacs to visit him in heaven, had to deal with a monkey stealing peaches from his orchard after he instituted him as Protector of the Peaches. This man was the wife of Xiwangmu, and he was created as Pangu created the universe. For ten points, name this supreme ruler of Heaven in Chinese mythology, often named after a type of green ornamental mineral.**

ANSWER: Jade Emperor [accept Yu-Huang-Da-Di]

19. **The formation of this mountain range also resulted in the formation of the Fall Line in the Mid-Atlantic of the US. The Aurès ("aw ras") region makes up the eastern part of this mountain range, which is inhabited by the Chaoui people. A hydroelectric dam created the Lalla Takerkoust artificial lake in the high altitudes of this mountain range. A species of bear and lion native to this mountain range went extinct due to overhunting by the (*) Romans for gladiatorial combat. Small watchtowers called kasbah were often used to guard the citizens living in this mountain range. A subrange named "Anti-" this range begins at the Atlantic Ocean and stretches to Ouarzazate ("warzazat"), which has the largest solar power plant in the world. For 10 points, name this mountain range in northern Africa named after a titan from Greek myth.**

ANSWER: Atlas Mountains (accept High Atlas or Anti-Atlas)

20. **In Australia, animals in this group are often preyed upon by goannas, which are predatory reptiles. One long-beaked variant of an animal in this group is named after Sir David Attenborough, and a prehistoric animal in this group is the Steropodon. While not dolphins, nerve endings in mucus allow animals in this group to perform electroreception. Animals in this group lack the placental syncytin gene, unlike the Therian subclass. Females animals in this group (*) gestate through pores in milk patches. This group's name refers to the presence of a cloaca, and one animal in this group secretes venom from a spur on its hind foot. For 10 points, name this group of egg-laying mammals that includes the echidna and platypus.**

ANSWER: Monotremes (or Monotremata)

21. **A leader of this country had his car hurled into the back of a bus during a rainstorm, causing injuries that prevented him from returning to office for several months. That man's tenure also saw the hijacked plane Lufthansa Flight 181 land in his country. Atrocities committed in this country included the Isaaq Genocide, which was perpetrated by an army group known as the Exterminators. The Soviet Union switched sides against this country after it launched the (*) Ogaden War against its western neighbor. This country was infamously led by dictator Siad Barre, who used the abusive National Security Service to cripple dissent until his overthrow and a subsequent civil war that has been going on ever since. For ten points, name this country, which was the location of the famous shooting of a Black Hawk helicopter in the Battle of Mogadishu.**

ANSWER: The Federal Republic of Somalia [Jamhuuriyadda Federaalka Soomaaliya]

22. **During a political event in Italy, comedian Beppe Grillo gave a speech dressed as a character in this film. An entertainer in this film gets fired after bringing a gun into a children's hospital. At the beginning of this film, a man gets beaten up by kids on the street after he attempts to retrieve a sign announcing the closure of a store he works for. Later on, a brutal massacre in this film occurs after that character (*) shoots three people that were harassing him on a subway train. This film ends with the city in anarchy as the main character is released after a truck crashes into the police car holding him, allowing him to escape the vehicle. That character had earlier met and fought Alfred Pennyworth after showing up at the Wayne family manor in search of his real father. For ten points, name this 2019 psychological thriller film about the origins of Arthur Fleck in Gotham City.**

ANSWER: Joker

23. **Before dying, this character states that "God will illuminate him so that he can find it" about some money that is hidden beneath this character's bed. This character smuggles a rifle to a prisoner after admitting that the other character is a "mister, just as long as I can see him." This character curses at Sir Francis Drake for frightening this character's great-great-grandmother. This maker of candy (*) animals finds a route across the swamp that her husband had failed to find when she went to look for her son. This character passes down a warning to future generations from her mother that her offspring would be born with a pig's tail. For 10 points, name this matriarch of the Buendía family in Gabriel Garcia Marquez's One Hundred Years of Solitude.**

ANSWER: Úrsula Iguarán Buendía

24. **A participant in this work imagined himself riding a chariot with Achilles and Diomedes after growing an interest in Greek myths. Philosopher Paul Ricœur described this work as the author's "first great book" and argued that it posited a "semantic of desire". In a passage of this work, the narrator describes a conversation with his friend, who believed that he had discovered a product of sexual metabolism in (*) trimethylamine. This work's first chapter analyzed scientific views on the analysis of the title phenomenon, which it claimed to be inadequate. It included an analysis of 'Irma's Injection', which led to the author's theory that the title phenomena were 'wish fulfillments'. For ten points, name this work of Sigmund Freud, which introduced his theory of the unconscious that later grew into the theory of the Oedipus complex.**

ANSWER: The Interpretation of Dreams [accept Die Traumdeutung]

25. **This leader supposedly said that he received so many resignation letters from his Chancellor of the Exchequer that he was afraid they would set fire to the chimney. This leader, who introduced the Conspiracy to Murder bill in response to an attempted assassination of Napoleon III, tried to receive constitutionalist Lajos Kossuth at Broadlands, though he was denied by his cabinet. This Prime Minister was in power during the (*) American Civil War, and he took the premiership after brutal conditions of the Crimean War were brought to public light. This PM notably compared the British Empire to the Roman Empire in his famous *Civis Romanus Sum* speech given in response to the Don Pacifico Affair. For 10 points, name this prime minister of Britain, who eventually resigned in protest after his distrusted tenure under Queen Victoria.**

ANSWER: Lord Palmerston [Henry John Temple, Third Viscount Palmerston]

26. **The leader of this group of people, Benjamin Aidoo, created this group as a way to relieve unemployment. This group of people are referred to as “Dada awu” in their hometown of Prampram. A Brazilian billboard urges people to stay home and not join these people due to the coronavirus pandemic. When marching, these people are led by a man in a top hat carrying a flag. These people wave white handkerchiefs in the air while accompanied by a (*) Highlife singer. These people are often followed by a band of trombones, trumpets, and drums. In a video, this group of people performs while the song Astronomia plays in the background. One woman who hired this group of people wanted to give her mother “a dancing trip to her maker.” For 10 points, name these performers from Accra who dance while carrying a casket in a viral internet meme.**

ANSWER: **Ghanian Pallbearers** (be very generous, accept anything similar to “African/Ghanian funeral dancers”)

27. **After a trip in this novel, one character says “Maybe I did know, somewhere deep down. Something the rest of you didn’t”. That same character had earlier shown another character drawings full of “tendons, miniature screws, and wheels”, to which they respond unenthusiastically. Those two characters take an awkward trip to see a half-submerged fishing boat in this novel. In this novel, a character speculates that a character thinks that a woman in a porn magazine looks just like her. A mysterious woman in this novel takes away (*) artworks for her “gallery”. The main characters rediscover a tape recording of a Judy Bridgewater song in Norfolk, which also titles this novel. As this novel ends, Tommy “completes” while undergoing his 4th donation. For ten points, name this Kazuo Ishiguro novel that features Kathy, who cares for Tommy and Ruth**

ANSWER: **Never Let Me Go** <AM>

28. **In 2017, Jerry Brown vetoed a bill that would have allowed names containing these entities to appear on California birth certificates. The *quoc ngu* alphabet uses two of these things when tone markings coincide with modified letters. In Welsh, these things can unusually modify the letters “w” and “y”. Less common varieties of these things include the ogonek, the macron, and the (*) haček. In French, one type of these things typically indicates the historical presence of the letter “s” and has the same shape as the caret. An “e” following the modified letter sometimes replaces the only kind of these glyphs to occur in German, which is called the umlaut. For 10 points, name these marks, such as the upward-sloping line above the “e” in “cliché,” that are used to alter the meaning or pronunciation of words.**

ANSWER: **diacritics** (accept **accent**s; prompt on **circumflex**, **diaeresis**, or **umlaut** before it is read)

29. **A version of this technique changes its independent variable in a sinusoidal fashion to obtain more precise readings, that is its modulated variant. Devices used in this technique may have 2 furnaces to speed up its operation, and may also be hyphenated with a Raman spectrometer to analyze polymorphic materials. It’s not TGA, but oxidative stability of lipids can be measured in this technique by slowly adding oxygen to the sample pan after a specified temperature. The results of this technique can be plotted on a graph with heat flux on the y-axis, and temperature on the x-axis. Transition (*) enthalpies in this technique can be calculated by multiplying a namesake constant by the area under the curve. A thermocouple identifies the temperature difference between the 2 samples in this technique, which can be used to identify a material’s phase transitions. For 10 points, name this type of calorimetry which raises the temperature of a sample to calculate its specific heat capacity.**

ANSWER: **Differential scanning calorimetry** (or **DSC**, prompt on **calorimetry**)

30. According to the Greek Old Testament, this man died on a land where he had earlier placed knives that were used for circumcision purposes. This man notably received divine instruction on ambushing a city, which he did successfully after a second attempt. This man, who was buried at Timnath-heres, tasked two spies to enter a city he would later conquer, where they were hidden on a roof under flax by (*) Rahab. This man built an altar on Mount Ebal after successfully capturing Ai, and he was earlier sent as part of a group of twelve spies to spy on a land, from which only he and Caleb came back with positive reports. This man prayed for the Sun and the Moon to stand still during a battle so that he could defeat an alliance of five Amorite kings. For ten points, name this successor of Moses, a leader of the Israelites who famously led the conquest of Canaan in his namesake book.

ANSWER: Joshua [accept Jehoshua, accept Hoshea, accept Book of Joshua]

31. A large structure in this style is located in the center of Prague's Peace Square. That building was designed by Josef Mocker, who also used this style for his work on nearby structures, such as the Powder Gate and parts of the Charles Bridge. Eugène Viollet-le-Duc used this style for a controversially inaccurate restoration of the citadel of Carcassonne. An incomplete Barcelona structure combining elements of this style, such as stone (*) tracery, also features three Art Nouveau façades; that building is Sagrada Familia. One structure completed, but not begun in, this style is the tallest two-spired church in the world and is located in Cologne. This style borrows devices such as pointed arches and flying buttresses from a medieval predecessor. For 10 points, name this style of architecture, a 19th-century interpretation of the style of Paris's Notre Dame Cathedral.

ANSWER: Neo-Gothic (or Gothic revival; prompt on Gothic alone)

32. A military objective undertaken by this dynasty's troops involved soldiers carrying their own meal rations, which failed utterly as many dropped the burden behind and eventually suffered from a lack of supplies. Consort Dugu's death in this dynasty supposedly saddened the emperor so much that his advisor comforted him by prophesying that she was a Bodhisattva. This dynasty managed to defeat the formidable war elephants of the Champa in Vietnam, and possibly one of the greatest architectural advancements during this dynasty was Emperor (*) Wen's construction of the Grand Canal. This dynasty lost the Battle of Salsu River in a failed invasion of the Goguryeo in Korea, which also precipitated its early demise. For ten points, name this short-lived dynasty in China, which was succeeded by the prosperous Tang dynasty.

ANSWER: Sui Dynasty [Sui Chao]

33. While severely drunk, one character in this book remarks that he fears pen, ink, and paper more than he does a sword or a pistol, upon which his two companions promptly give him more wine. The protagonist of this novel bribes a garden-loving telegraph agent to send a false message about the Spanish king, thereby financially hurting a longtime enemy; that protagonist of this novel first mentions that action to his former employer (*) Morrel, whom he had previously saved from bankruptcy. In this novel, Héloïse begins poisoning her family members based on the techniques of the protagonist. This book's protagonist swims to join a group of Genoese smugglers after escaping from a fictionalized version of a prison outside Marseille, the Château d'If, and he eventually falls in love with the former slave Haydée, despite his longstanding wish to marry Mercedès. For 10 points, name this novel by Alexandre Dumas about the revenge plot of Edmond Dantès.

ANSWER: The Count of Monte Cristo

34. This player's college career began when he joined a university in the Mid-American Conference as a walk-on, where he set a record for most receptions, ending 12-2 ("12 and 2") before entering his draft after

junior year. After being selected in the 6th round, he complained “32 teams looked past [him]”, but scored a kick return touchdown in his first game. A trade with the Bills for this player was canceled after he complained on Instagram. This player missed 10 practices with the (*) Raiders after a botched cryotherapy session and was released after insulting GM Mike Mayock. In 2019, he was signed to the Patriots for 1 year but was released after 1 game due to sexual misconduct allegations. For 10 points, name this former Pittsburgh Steelers wide receiver who was also the cover athlete of Madden 19.

ANSWER: Antonio Tavaris Brown

35. The “antipodal pair impact hypothesis” states that the formation of 2 of these regions on the opposite sides of the Earth may be due to the impact of a meteor. A belt of kimberlite deposits across the continental US may be due to these features, and these regions can be located by their characteristic slowing of seismic waves. While it’s not a rift, the reversing polarity of basalt from these regions is used to estimate the dates of geomagnetic reversals. An alternative theory of these regions posits that they form due to (*) “cracks” in thin crust. One of these features along the Snake River Plain created the Yellowstone Caldera, and the locations of these regions can be used to track the motion of tectonic plates. For 10 points, name these regions of hot magma plumes that create volcanoes as a plate moves above them, which are responsible for the formation of Hawaiian islands.

ANSWER: Hotspots (prompt on “mantle plumes” with “of what volcanic feature do they indicate?”)

36. The world’s largest outdoor chandelier lies outside this city’s historic Playhouse Square Theater. It’s not Chicago, but this city’s famous Lake Shore Drive is located in its upscale Bratenahl neighborhood. Severance Hall hosts this city’s orchestra, which is the youngest of the “Big 5” American Orchestras. Public Square, a replica of the Boston Common in this city, is next to its tallest building, the (*) Key Tower. NASA’s Glenn Research Center is located on the outskirts of this city, next to its Hopkins International Airport. This city is the largest in the former Connecticut Western Reserve, giving name to the largest university in this city. Environmental legislation such as the Clean Water Act was passed after this city’s Cuyahoga River caught fire. The Rock and Roll Hall of Fame lies on the shore of Lake Erie in this city. For 10 points, name this city, the second-largest in Ohio.

ANSWER: Cleveland, Ohio

37. This man discussed Karl Marx’s economic theories and their relation to “Historismus” in his book *Collectivist Economic Planning*. He challenged socialists such as H.D. Dickinson in the essay *Economics and Knowledge* when they attempted to use general equilibrium theory to disprove one of his mentor’s theses. This self-proclaimed “Old Whig” argued that liberalism boosts the free market while the opposing ideology “stands still” in his essay (*) “Why I Am Not a Conservative”. He was notably mentored by Ludwig von Mises, and he used his namesake triangle to organize economic spending. This economist shared a Nobel Prize in 1974 with Gunnar Myrdal for his groundbreaking accounts on price signals and their effect on individual decision making. For ten points, name this Austrian-British economist, a rival of Keynes who wrote *The Road to Serfdom*.

ANSWER: Friedrich August von Hayek

38. It’s not Cole, but this artist depicted a mountainous landscape overshadowed by a wine glass, which struggles to contain a large, isolated cloud, in *The Heartstrings*. In another painting by this man, a set of nondescript pale, red-roofed buildings provide a background to a set of identical suspended objects. In several works by this painter, a particularly tall tree connects the sky to the incongruously (*) dark street below, which is illuminated primarily by a central lamppost. An oversized green apple dominates this painter’s *The*

Listening Room, while a similar object is captioned by a certain French sentence in a lesser-known member of a series titled for that phrase. To explain a more famous painting in that “Ceçi n’est pas” series, this artist supposedly asked the viewer to try putting tobacco in it. For 10 points, name this Belgian surrealist painter of *The Empire of Light* and *The Treachery of Images*.

ANSWER: René Magritte

39. **This song’s creator was accused of plagiarism due to similar themes with the song “American Pharoah”. A choir in this song repeats “get your money”, possibly referencing its creator’s recent rise to fame. The release of this song’s music video by director Hiro Murai coincided with its singer’s performance of it on *Saturday Night Live*. The lyrics “this a celly/that’s a tool” are sung while a group of children records a hooded man on a (*) horse in this song’s music video. Young Thug sings “you just a barcode” while the artist of this song runs from the police in its music video. At the beginning of this song’s music video, a man playing the guitar is shot and dragged offstage, though he reappears later in the song when it’s artist dances on top of a car. For 10 points, name this song by Childish Gambino about racism and police brutality.**

ANSWER: *This is America*

40. **In a text from this faith, a prediction reveals that a maiden nicknamed the “Body-maker” will enter a lake and receive “victorious knowledge” thirty years before a decisive battle. An important figure in this religion supposedly planted a branch which sprung into a cypress that was torn down by an Abbasid caliph. A concept in this religion is etymologically translated as “juicy-making”, a process in which a figure named (*) Saoshyant will bring *frashokereti* in order to renovate the universe a final time. This religion’s dead are considered *nasu* and are placed on Towers of Silence to expose them to vultures. It includes the texts of the Vendidad and Visperad, and its primary mode of worship is known as the *Yasna*. For ten points, name this Persian religion, which focuses on a noted dualist system and includes its creator god of wisdom, Ahura Mazda.**

ANSWER: Zoroastrianism [accept Mazdayasna]