

1. **Red skeletons perform this action in front of a blue background in a painting by Henri Matisse. A large shadow on the wall arises behind a figure performing this action, while a figure in pink does this action atop a white building in John Singer Sargent's paintings *El Jaleo* and *Capri*. A hair ribbon is worn by a bronze statue of a fourteen-year-old girl performing this action in one work, and Henri de Toulouse-Lautrec painted this action "At the Moulin Rouge."** Edgar Degas frequently painted ballerinas doing, for ten points, what form of rhythmic movement?

Answer = Dancing (accept Dancers, accept specific forms like Ballerina Performance)

2. **This body contains the Abedin and Egonu craters. Seasonal increases in calcium levels on this planet may come from the Taurids, meteor showers caused by Comet Encke. This is the only planet to be in a 3:2 spin-orbit resonance with the Sun, and it contains "Weird Terrain" and the Pantheon Fosse as part of its Caloris Basin. The *MESSENGER* probe orbited this inferior planet. This non-Venus planet has no moons and it's the smallest planet in the Solar System. For ten points, what is this planet, the closest to the Sun, named for the Roman messenger god?**

Answer = Mercury

3. **This play begins as a character exclaims "Upon my word, I don't believe they are stirring yet!" In this play, a couple run into debt despite borrowing money from Aunt Julia, and two characters have a conversation about whether a man shot himself in the chest or the temple. A character in this play tells another to "die beautifully"; that woman's husband publishes a book on the domestic work of Brabant in the Middle Ages. Judge Brack and the Tesmans are in, for ten points, what Henrik Ibsen play that sees Eilert commit suicide after being encouraged by the title woman?**

Answer = Hedda Gabler

4. **This man called a practice named for him "Americanism with its sleeves rolled." This man was referred to as "the best asset the Kremlin has" and, after receiving a \$20,000 personal loan, was nicknamed the "Pepsi-Cola Kid." Despite being attacked by a Democratic Truth Squad, he defeated Thomas Fairchild in 1952 to become a Senator. Joe Welch asked this man "Have you no sense of decency?" after hearings caused by this man's claim at a West Virginia Women's Club that he had a list of 205 communists. For ten points, name this Wisconsin Senator.**

Answer = Joseph Raymond McCarthy

5. **The Belmont Building is part of this city's "Garden City" district. This city's tallest building is nicknamed for a certain leader's "pineapple" because it resembles a lotus plant. This city's urban area includes the Sixth of October City, and it also contains the Citadel of Saladin. The Mogamma is a building in**

Tahrir Square, part of this city, and it contains the Al-Azhar University. This city, located near Memphis and the Nile Delta, is the most populated city in Africa. For ten points, name this Arab capital city of Egypt, located eight miles from the Pyramids of Giza.

Answer = Cairo

6. **This poem was written while its author was an editor of *The Hydra* magazine and discharged to Craiglockhart hospital. This poem discusses men who “Till on the haunting flares [...] turned our backs” and who “cursed through sludge.” This poem combines two sonnets into 28 lines, and its title was taken from *Valor*, Ode 3.2 by Horace. This poem discusses an “ecstasy of fumbling” after the exclamation “Gas! GAS!” as well as “children ardent for some desperate glory.” For ten points, name this Wilfred Owen poem about World War I, titled for a Latin phrase.**

Answer = “Dulce et Decorum Est”

7. **These beings were usually birthed from Ixion and a cloud made to look like Hera, Nephele. 12 of these people of the Lamos River guarded Dionysus, and one of them saved Thetis after Acastus left him in the woods and told him how to capture Thetis. In one myth, one of these beings named Pholus died after Heracles drank a bottle of his wine. Jason and Achilles were taught by one of these beings, who won a war against the Lapiths. Chiron was one of, for ten points, what half-horse, half-human creatures that also include the constellation Sagittarius?**

Answer = Centaurs (accept Hippocentaurs or Kentauros or Centauros)

8. **One portfolio by this artist is titled for a meaningless word invented by its publisher Jean Chambers Moore; that portfolio includes *The Sentinel* and *The Abode of Snow*. A technique developed by this artist, based on principles of sensitometry, uses dynamic and textural ranges and was used by him to depict a moon rise over Hernandez, New Mexico. This artist co-created the Zone System and founded the group f/64. *Monolith, the Face of Half Dome* was done by, for ten points, what American artist who frequently photographed Yosemite National Park?**

Answer = Ansel Adams

9. **A leader of this nation hurled obscenities at an art exhibition during the Manege Affair; that leader held the 6th World Festival of Youth and Students in this nation. Green Cross International was founded by a former leader of this nation, and it was the subject of an attempted coup by the Gang of Eight. The 1953 Virgin Lands Campaign, the Sinatra Doctrine, and the policies of *glasnost* and *perestroika* were established in this nation. For ten points, name this nation that “fought” the U.S. during the Cold War, the predecessor to the Russian Federation.**

Answer = Soviet Union (accept Union of Soviet Socialist Republics or USSR, do NOT accept or prompt on “Russia” at any point)

**10. This man was the only member of a certain group to correctly interpret Jesus' message of salvation according to a follower who was the first to introduce the Christian canon, Marcion of Sinope. This man blinded Elymas the magician and asked "Are ye so foolish?" in a letter to the Galatians. This man and Barnabas went to Antioch, after which he began preaching to the Gentiles. He heard the cry "Why do you persecute me?" before being blinded on the way to Damascus. For ten points, name this Apostle and writer of many epistles, including one "to the Romans."**

Answer = Paul the Apostle (accept Pauline Epistles or Epistles of Paul or Saint Paul or Saul of Tarsus)

**11. This thinker claimed that *scientia* and purity of heart are among the seven steps to wisdom through the interpretations of the "Scriptures" and outlined subdued, moderate, and grand style in *De doctrina Christiana*. This thinker, who coined the term *Incurvatus in se* to describe a kind of "inward" life, pioneered the idea of original sin. He introduced the idea of "just war" in a work refuting the idea that Christianity caused the fall of Rome, *City of God*. For ten points, name this North African philosopher who described his conversion to Christianity in *Confessions*.**

Answer = St. Augustine of Hippo (accept Aurelius Augustinus Hipponensis)

**12. One athlete from this nation had a pig's head thrown at him during a game after he joined Real Madrid's rivals. This nation is also the home of an athlete who, after Sepp Blatter called him a "commander", celebrated with a salute while scoring twice in a 4-0 victory against Bayern Munich in 2013. The soccer player Luís Figo is from this nation, as well as a soccer player who has the most Instagram followers in the world and who transferred to Juventus F.C. in 2018. For ten points, name this home of Lionel Messi's long-time rival, Cristiano Ronaldo.**

Answer = Portugal (accept Portuguese Republic)

**13. One poem by this writer discusses a creature who "knows in singing not to sing" and says "the highway dust is over all." One poem by this writer includes a man who "studied Latin like the violin" and can't make a boy believe "he could find water with a hazel prong." The narrator outwalks the "furthest city light" in "Acquainted with the Night", a poem by this author of "The Oven-Bird." Another poem by this writer includes Mary, Warren, and Silas. For ten points, name this American poet of "The Death of the Hired Man" and "The Road Not Taken."**

Answer = Robert Frost

**14. This structure contains the fastigial, globose, and emboliform "deep" nuclei. The Dandy-Walker and Joubert syndromes, and Machado-Joseph disease affect this structure. In this structure, climbing fibers, housed by the inferior olivary nucleus, form connections with Purkinje cells. Inputs to this structure include**

mossy fibers. This structure is located behind the medulla, and is present along with the brainstem inside the posterior cranial fossa. It plays an important role in motor control. For ten points, name this region of the brain whose name means “little brain.”

Answer = Cerebellum (prompt on brain, do not accept or prompt on “cerebrum”)

**15. Clara Schumann wrote that this work was “the most repugnant thing I have ever seen or heard in all my life.” A mournful shepherd’s pipe tune occurs in this work after Kurwenal brings a character to his castle at Kareol in Brittany. In this opera, a woman sings a “narrative and curse.” This opera also features Brangäne and King Marke. A chord made up of the notes “F, B, D-sharp, G-sharp” begins this opera and is named for it. The “Liebestod” aria occurs in, for ten points, what Richard Wagner opera about the title Irish maid and her lover?**

Answer = Tristan und Isolde (accept Tristan and Isolde)

**16. Around 90% of the cattle in this nation were killed in a four-year period following the introduction of inderpest from India. During one battle, this nation’s leaders included Taytu Betul and Nikolay Leontiev; during a massacre in that battle, a man shouted “Reap! Reap!” This nation’s rulers have included Iyasu V, who preceded a ruler of it who is revered as the Messiah in Rastafarianism. The 1896 Battle of Adowa was fought by Menelik II in, for ten points, what African nation home to the Derg Communist regime and Emperor Haile Selassie?**

Answer = Federal Democratic Republic of Ethiopia

**17. In one form of this technique, a two-chamber cell is inserted into a double-twin instrument to study hydration; that is this technique’s “sorption” type. An adiabatic jacket is used along with an association constant and binding stoichiometry in this technique’s “isothermal titration” variety. Styrofoam coffee cups can be used as insulators in one kind of this technique. A constant volume is required to measure thermal properties in the “bomb” variety of this technique. For ten points, name this technique that measures heat transfer during reactions.**

Answer = Calorimetry (accept Calorimeter, accept any describing words such as “isothermal titration” or “bomb” or “sorption” before “Calorimetry”)

**18. An invading force during this battle may have been motivated by the Abbey of Saint Martin; that force was defeated by Austrasia’s Mayor of the Palace during it. H.G. Wells wrote that this battle’s victor was “practically overlord of Europe north of the Alps” following it. The siege of Toulouse’s breaking by Odo of Burgundy helped instigate this battle, during which Abd ar-Rahman died. Abdul Rahman Al Ghafiqi’s Umayyad invasion of Europe was halted by a man nicknamed “the Hammer”, Charles Martel, during, for ten points, what 732 battle in France?**

Answer = Battle of Tours (accept Battle of Poitiers, accept Battle of the Highway of the Martyrs)

**19. In this work, meetings are called by the beating of an iron gong. This work's protagonist says that a man's "sweet tongue can change fire into ash", and another man tells advice from his father about toads jumping in broad daylight because something is "after their life" after saluting four times. In this work, the "Pacification of the Primitive Tribes of the Lower Niger" is decided as a book title by the District Commissioner after its protagonist hangs himself. The Week of Peace is an Umuofia village ritual in, for ten points, what novel revolving around Okonkwo?**

Answer = Things Fall Apart

**20. This man names a formula with Mark Kac that relates stochastic processes and parabolic partial differential equations. With Marian Smoluchowski, he names a "ratchet" made up of a paddle wheel, exemplifying Maxwell's demon, that undergoes random Brownian motion. Backwards movement is used to represent antiparticles in constructs named for this man, who won a 1965 Nobel Prize with Schwinger and Tomonaga for his work in quantum electrodynamics. For ten points, what Caltech physicist names diagrams modeling subatomic behavior?**

Answer = Richard Phillips Feynman

#### Tiebreaker

**1. This was the color of Charlemagne's palace. A movement of this color included "Nine Black Categories" and ordered guards to destroy the "Four Olds." The Battle of Lake Poyang was fought by Zhu Yuanzhang, a leader of a group named for this color that were inspired by the White Lotus group. The "Furies of the guillotine" wore Phrygian caps of this color, and it's the color of the rebellion that overthrew the Yuan Dynasty. This was also the color of the Vietnam Communist Party. For ten points, name this symbolic color of Mao Zedong's Cultural Revolution.**

Answer = Red