

1. In this work, “blind skyscrapers use / Their full height to proclaim / The strength of Collective Man.” This work discusses time “From Luther until now”, and states that “accurate scholarship” can “Find what occurred at Linz.” This poem also references “Exiled Thucydides.” The lines “windiest militant trash and “mad Nijinsky wrote about Diaghilev” are in this poem that takes place on “Fifty-second Street.” The remark “We must love one another or die” is in, for ten points, what W. H. Auden poem written at the onset of World War II?

Answer = September 1, 1939

2. It is said that when the Dord Fiann is sounded three times, this man will arise from his cave. This man was hunted by the Goll as a child before being brought up by Liath Luachra and Bodhmall in the forest of Sliabh Bladma. This man’s mother was Muirne Muincháem “of the Fair Neck”. The druid Fear Doirich turned this man’s future wife Sadhbh into a deer. This father of Ossian defeated the fire-breathing Áillen and burned his thumb while cooking the Salmon of Knowledge. For ten points, name this Irish hero, the center of the Fenian Cycle.

Answer = Fionn mac Cumhaill (accept Finn M(a)cCool, prompt on “mac Cumhaill” or “MacCool” alone)

3. Seligmann and Pollock devised the ambush hypothesis, which states that “hidden” versions of these sequences can be positively selected - those “hidden” versions are hypothesized to cause production of cytotoxins. The *opal*, *ochre*, and *amber* mutations can occur to these sequences, which bind release factors during a certain process. These sequences are created and deleted, respectively, in nonstop and nonsense mutations. For ten points, name these nucleotide triplets consisting of UAG, UAA, and UGA, that signal the termination of protein translation.

Answer = Stop Codon (prompt on codons alone, accept Termination Codons)

4. John Fordham, Keeper of the Privy Seal, narrowly escaped during this event that was preceded by the “Great Rumour” movement. An alleged plot to kill the Sheriff of Devon followed this event, which was partially defused by Henry Despenser’s victory at the Battle of North Walsham. During this event, John Ball asked a crowd of Kentishmen “When Adam delved and Eve span, who was then a gentleman?” The then 14-year-old’s Richard II’s poll tax incited, for ten points, what 1381 revolt started by Wat Tyler?

Answer = Peasants’ Revolt (accept Wat Tyler’s Revolt before “Wat Tyler” is said, accept synonyms at any point for revolt such as rebellion and uprising, accept revolt after said)

5. This artist included a reference to Onanism in a work depicting a geometric man to the right of a donkey on its hind legs being attacked by a horde of flies. Another work by this artist uses cutouts from a children’s book and shows seven

large pebbles, one with a lion inside of it. “Accommodations of Desire” and “Apparatus of Hand” are by this artist, who showed a yellow raft and a Dalmation-like shape in a work that takes place in a bullfighting ring. For ten points, name this artist of *The Hallucinogenic Toreador*.

Answer = Salvador Domingo Felipe Jacinto Dalí i Domènech

- 6. This man created the Junto club, which was modeled after English coffeehouses. An autonomous “State” named for this man, located in Eastern Tennessee, declared itself during the Revolutionary War. In 1785, this man co-authored the first treaty of friendship between Prussia and America. This man had a common-law marriage to Deborah Reed, and he served as the first Postmaster General of the United States. Nicknamed “the First American” and the publisher of *Poor Richard’s Almanack*,** for ten points, name this Pennsylvanian Founding Father.

Answer = Benjamin Franklin

- 7. In this novel, the bankers Rabensteiner, Kullich, and Kaminer sprint into a room to fetch the protagonist’s hat. The protagonist tells Miss Grubach “if you want to keep the house decent you’ll first have to give me notice” in this novel that sees Leni ask the protagonist if he’s going to be jealous of the merchant Rudi Block. Willem and Franz are flogged in this novel that sees the title character die “like a dog” after being told the parable “Before the Law.” Opening with the line “Someone must have been telling lies about Josef K.”,** for ten points, name this Franz Kafka novel.

Answer = The Trial (accept Der Prozess)

- 8. The rate of change of this quantity with distance is known as its “gradient.” The Pradtl-Glauert transformation predicts infinite pressures as this quantity is approached. The ocean’s “SOFAR” channel has a minimum for this quantity, which was used by Project Mogul to detect Soviet atomic bomb tests. Kundt’s tube measures this quantity in a gas or solid rod. A sonic boom arises when this quantity is surpassed, and this quantity is around 343 meters per second in air.** For ten points, name this quantity equal to Mach One.

Answer = Speed of sound (prompt on “speed”, accept Mach One until “Mach One” is read)

- 9. This school of thought posited that a compound called the “Tetrapharmakos” would help individuals led the happiest life possible. The Villa of the Papyri holds many of Philodemus of Gadara’s works on this school, which divided a certain sensation into “kinetic” and “katastematic” varieties. Lucretius summarized this school of thought in his poem *On the Nature of Things*, and it believed in freedom from fear and pain via ataraxia and aponia. Founded in 307 BC by a namesake atomic materialist,** for ten points, name this pleasure-based school.

Answer = Epicureanism

10. This composer wrote a work as a “Homage to Ives” with a beginning horn-call motif. One work by this composer contains an “ABCBA” musical arch and ends on a series of 12-note chords that this composer called “aggregates.” This composer of *Night-Thoughts* and *Connotations* also included “Prairie Night” in a ballet about the title infamous outlaw. Isamu Noguchi designed the set for another work by this composer commissioned by dancer Martha Graham. For ten points, name this American composer of *Billy the Kid* and *Appalachian Spring*.

Answer = Aaron Copland

11. In April 2020, this nation’s Foreign Minister Winston Peters announced that a mercy flight, helped by Viva Expeditions and Chimu Adventures, will rescue citizens of this nation stranded in Peru. This country’s prime minister deemed the Easter Bunny and Tooth Fairy “essential workers” in a 2020 speech. Patsy Reddy is the governor-general of this nation that is home to the Labour and National Parties. Jacinda Ardern is the Prime Minister of this nation. For ten points, name this site of the 2019 Christchurch shootings, with capital at Wellington.

Answer = New Zealand

12. Phenakite is an orthosilicate of this element, and its carbide is a brick-red compound that reacts with water to give methane. Spor Mountain in Utah is the source of most of the world’s production of this element whose mineral varieties include maxixe and aquamarine. This element is in group 2 and the s-block of the periodic table, and it was isolated in 1828 by Friedrich Woehler and Antoine Bussy. Emerald is an aluminum silicate of, for ten points, what element whose mass number 9 isotope is its only stable one, with atomic number 4?

Answer = Beryllium

13. Armenia, Azerbaijan, and Georgia formed the Transcaucasian Democratic Federative Republic following this treaty. Viennese artist Emil Orlik drew portraits of all the participants of this treaty, and a policy of “no war-no peace” was used to stall this treaty. This treaty returned territories like Batumi to Talaat Pasha and was later annulled by the November 11 armistice. Finland and the Baltic States were relinquished following, for ten points, what 1918 treaty that saw the Central Powers end Russia’s participation in World War I?

Answer = Treaty of Brest-Litovsk (accept Brest Peace)

14. In this novel, the Tulane professor Dr. Talc realizes that he can’t remember “absolutely anything about Lear and Arthur aside from the fact that the former had some children.” This novel’s protagonist bores others with a story of his trip to Baton Rouge on a Greyhound Scenicruiser bus. In this novel, hot dogs are sold at a “Paradise Vendor” stand by the protagonist, who has a malfunctioning pyloric

valve and loves Myrna Minkoff. For ten points, name this picaresque novel centering on Ignatius J. Reilly, by John Kennedy Toole.

Answer = A Confederacy of Dunces

15. The only fully intact 17th century ship to ever have been salvaged is housed in this city's Vasa Museum. It's not Helsinki, but this city also contains a "House of Nobility" and the Drevikken and Flaten lakes. This city's metro is known as the "longest art gallery in the world", and it's home to the Ericsson Globe and Friends Arena. Lake Mälaren is also located in this city that hosts the annual Nobel Prize ceremonies and names a hostage-captor "syndrome." For ten points, name this fourteen-island city, the capital of Sweden.

Answer = Stockholm

16. The Three Tenors group performed an aria from this work at the 1994, 1998, and 2002 World Cups; in that aria, a character urges "I will win! I will win!". In this work, the ministers Ping, Pang, and Pong urge a character not to lose his head in the aria *Fermo, che fai?* In this work, the deposed King of Tartary, Timur, appears after the title daughter of King Altoum declares she will only marry a suitor who can answer three secret riddles. Prince Calaf sings the aria "Nessun Dorma" in, for ten points, what Giacomo Puccini opera about the title Chinese Princess?

Answer = Turandot

17. One text of this religion states that "the earthquake of the Hour is the mighty thing." Being in a state of Tahara, which is achieved after a short ritual washing called *wudu*, is required for one prayer in this religion that also involves a low bow called a *ruku*'. The basic creed of this religion states that "There is no deity but God", and it requires followers to donate 2.5% of their income to charity as part of *zakat*, one of the five "pillars" of this religion. For ten points, name this religion, the second-largest in the world, which teaches that Muhammad is the messenger of God.

Answer = Islam (don't accept or prompt on Muslim)

18. This author wrote about the engineer-turned-sculptor Sekoni in his novel *The Interpreters*. In a play by this author, a character is excused to teach Primary Four Geography after being teased by children who call his motorbike "the devil's own horse" and his camera "the one-eyed box." The "Not-I Bird" is spoken of as Iyaloja arrives in a play by this man that features Yoruba proverbs and sees Simon Pilkings stop Elesin from killing himself. For ten points, name this Nigerian author of *The Lion and the Jewel* and *Death and the King's Horseman*.

Answer = Wole Soyinka

19. This empire signed the Ansei Five-Power Treaties, which included a treaty negotiated by Townsend Harris. After Charles Richardson was killed during the

Namamugi Incident as part of this government's *Kiri-sute gomen* rule, the British under Sir August Kuper enacted a bombardment of this government. The USS Powhatan was the site of the Treaty of Amity and Commerce, which was signed after Commodore Matthew Perry landed in the port city of Kanagawa during this period. For ten points, name this Japanese period that preceded the Meiji Restoration.

Answer = Tokugawa Shogunate (prompt on Japan, accept Edo Bakufu or Edo Period)

20. The Good-Thomas algorithm uses this theorem for reducing the computation of a single fast Fourier transform to two smaller ones. The Hasse principle states that one can examine the p -adic and real numbers of an equation to find solutions to them by using this theorem. Bezout's Identity and the extended Euclidean algorithm can be used to constructively prove this theorem, which guarantees an integer solution to a system of congruences with coprime moduli. For ten points, name this theorem first stated by Sun-Tzu.

Answer = Chinese Remainder Theorem

Tiebreaker

1. In a novella by this author, the farmer Mann has to get his wife Lulu to his hospital amidst a major flood. A man says that life is just a "simple act of accidental possession" in a work by this author in which the Law, personified by a hunchbacked attorney, convicts Cross Damon of a crime. That work is *The Outsider*. This author also wrote the collection *Uncle Tom's Children* and a work with sections titled Fear, Flight, and Fate that sees Mary Dalton murdered by Bigger Thomas. For ten points, name this African-American author of *Native Son*.

Answer = Richard Wright