

Extra Questions

Literature tossups

(1) It has been claimed that one work titled for this character is where “all modern American literature comes from.” This character was based on the son of a sawmill laborer in Hannibal named Tom Blankenship. Once referred to as a “poor motherless thing” by Aunt (*) Polly, this character overhears plans made by Miss Watson, inspiring him to take a raft down the Mississippi River with Jim. For ten points, name this friend of Tom Sawyer, created by Mark Twain.

ANSWER: Huckleberry Finn (accept either underlined portion; accept *Adventures of Huckleberry Finn*)

(2) In this novel, a group of characters hypothesize that the protagonist is “a flower that can move about.” The protagonist of this novel is told a story in which a group of oysters are eaten by a walrus and a (*) carpenter. “All the king's horses and all the king's men” appear in this novel, which features Humpty Dumpty and the nonsense poem “Jabberwocky.” For ten points, name this Lewis Carroll novel, the sequel to *Alice in Wonderland*.

ANSWER: *Through the Looking-Glass, and What Alice Found There* (accept *Alice Through the Looking-Glass*)

(3) In this work, the title character arrives at Mount Mashu in his search for Utnapishtim after the death of his companion. In this text, the goddess Ishtar sends the Bull of Heaven to punish its (*) title character for rejecting her advances. Earlier, Humbaba is killed by the title character of this work with the help of his friend, Enkidu. For ten points, name this text about a king of Uruk, an ancient Sumerian epic.

ANSWER: Epic of Gilgamesh

Literature bonuses

(1) This author's best known poem ends with the line, "I lift my lamp beside the golden door!" For ten points each,

* Name this American poet whose "The New Colossus" declares, "Give me your tired, your poor, / Your huddled masses yearning to breathe free."

ANSWER: Emma **Lazarus**

* The title "Colossus" refers to an ancient Colossus, one of the Seven Wonders of the World, which loomed over the harbor of this Greek city.

ANSWER: **Rhodes** (accept **Rodos**)

* The last lines of "The New Colossus" were put to song for the musical *Miss Liberty* by this Russian-born American songwriter. who wrote "God Bless America."

ANSWER: Irving **Berlin** (or Israel **Beilin**)

(2) The opening of this poem notes how a group moves "Half a league, half a league / Half a league onward." For ten points each,

* Name this poem about an attack that a British unit launched "into the valley of Death" during the Crimean War.

ANSWER: "The **Charge of the Light Brigade**"

* "The Charge of the Light Brigade" was written by this Victorian poet who served as his nation's Poet Laureate.

ANSWER: Alfred, Lord **Tennyson** (accept 1st Baron **Tennyson**)

* Tennyson also wrote this Arthurian poem based on the story of Elaine of Astolat's [[ASS-toh-lahts]] imprisonment in a tower near Camelot.

ANSWER: "The **Lady of Shalott**" [[shah-LOT]]

(3) The title character of this work takes Sancho Panza as a squire and imagines Aldonza to be a made up lover named Dulcinea [[dool-see-NEH-ah]]. For ten points each,

* Name this classic novel about a Spanish nobleman in search of chivalric adventures.

ANSWER: **Don Quixote** [[kee-HOH-teh]] (accept *The Ingenious Gentleman **Don Quixote** of La Mancha*; accept *El ingenioso hidalgo **Don Quijote** de la Mancha*)

* *Don Quixote* was written by this author, who was imprisoned by Barbary pirates following the Battle of Lepanto.

ANSWER: Miguel de **Cervantes** [[sehr-VAHN-tehs]]

* During one episode, Don Quixote spots "thirty or forty" of these buildings, which he imagines to be "hulking giants" before proceeding to attack them.

ANSWER: **Windmills**

History tossups

(1) **Even though this agreement was opposed by foreign minister Talleyrand, it was completed by Francois Barbe-Marbois [[mar-BWAH]] acting on one side, and James Monroe and Robert Livingstone on the other. The (*) Adams-Onis treaty settled the western boundaries of lands acquired by this agreement. For ten points, name this 1803 transaction in which Thomas Jefferson bought huge amounts of land from France, doubling the size of the United States.**

ANSWER: Louisiana Purchase (accept Vente de la Louisiane; prompt on "Louisiana")

(2) **This monarch attempted to destroy the Auld Alliance during the Rough Wooing by attacking Scotland. For this monarch's treatise *Defence of the Seven Sacraments*, Pope Leo X awarded this man the title (*) "Defender of the Faith," although he later went against the Church with his Act of Supremacy. This man rejected the Pope's annulment of his marriage to Catherine of Aragon. For ten points, name this founder of the Church of England who married six times.**

ANSWER: Henry VIII of England

(3) **Tokhtamysh [[TOKE-tah-mish]] was a descendant of one of this man's grandsons named Tuqa-Timur [[too-kah-tee-MOOR]]. This man's sacking of the city of Urganch was one of the bloodiest massacres in human history, after which this ruler named his son, (*) Ogedei [[OH-geh-day]], as his successor. This man's grandson became Emperor Shizu of Yuan, or the Kublai Emperor. Ruling over the largest contiguous land empire in history, for ten points, who was this man, also known as Temujin [[teh-MOO-jin]], who founded the Mongol Empire?**

ANSWER: Genghis Khan (accept Temujin before mentioned; accept Chingis Khan)

(4) **This man's running mate once stated that he had "no more backbone than a chocolate éclair." This man's namesake tariff was repealed by the Wilson-Gorman Tariff. This man declared war on (*) Spain following the sinking of the USS *Maine*. This president was assassinated by Leon Czolgosz [[CHOW-gosh]] at the Buffalo World's Fair. For ten points, name this 25th U.S. president, who was succeeded by Theodore Roosevelt.**

ANSWER: William McKinley

History bonuses

(1) Georgia has produced a number of notable historical icons since its creation as the Thirteenth British colony. For ten points each,

* A former state senator and governor, this humanitarian is the only Georgian to be elected U.S. president.

ANSWER: James "Jimmy" **Carter**

* Although he was born in Alabama, this Civil Rights icon is associated with Georgia as he represented its 5th District in Congress from 1987 until his death in 2020.

ANSWER: John **Lewis**

* Raised in Savannah, this trailblazing woman is credited with founding the Girl Scouts of America.

ANSWER: Juliette Gordon **Low**

(2) This prime minister's half-brother, Austen, won the Nobel Prize for helping to negotiate the Locarno Pact. For ten points each,

* Name this British prime minister who once claimed that his policy of appeasement helped achieve "peace for our time."

ANSWER: Neville **Chamberlain**

* Neville Chamberlain attempted to appease Hitler by agreeing to the cession of this region of the former Czechoslovakia to the Germans. Konrad Heinlein agitated for its autonomy.

ANSWER: **Sudetenland** (accept **Sudety**)

* The 1938 agreement that led to the cession of the Sudetenland was signed in this German city, historically ruled by the House of Wittelsbach [[VIH-tulls-bahk]].

ANSWER: **Munich** (accept **München**; accept **Minga**)

(3) Despite an official embargo on selling arms to Iran, some American officials worked covertly to do just that during the 1980s. For ten points each,

* John Poindexter and Caspar Weinberger, two appointees of this U.S. president, helped to orchestrate the illegal transactions during the Iran-Contra scandal.

ANSWER: Ronald **Reagan**

* This Marine colonel proudly proclaimed his involvement in the scheme. He later hosted the series *War Stories* on Fox News.

ANSWER: Oliver "Ollie" **North**

* Money from arms sales was diverted to rebels fighting the Sandinista regime in this Central American country.

ANSWER: Republic of **Nicaragua** (or República de **Nicaragua**)

Science tossups

(1) **Taking its name from a Latin word meaning "soft," this phylum's members secrete calcareous [[kal-SEHR-ee-us]] spicules [[SPIK-yools]], plates, or shells. This phylum's extinct classes include *Helcionelloida* [[hell-see-on-eh-LOY-dah]] and *Rostroconchia* [[ross-toh-KON-kee-ah]]. Most species of this phylum have a radula [[RAD-yoo-lah]] for feeding, although (*) bivalves do not, and they have a muscular "foot" used for anchoring. For ten points, name this phylum of soft-bodied, typically shelled creatures which includes snails, clams, and squid.**

ANSWER: **Mollusks** (or **Mollusca**)

(2) **The rate of this process is the only limit to a catalytically perfect enzyme. The product of Boltzmann's constant, temperature, and mobility equals the coefficient of this process, which is related to molar [[MOH-lar]] flux by (*) Fick's first law. When this process occurs through a membrane, it is called osmosis. A "random walk" drives, for ten points, what movement of particles along a gradient from an area of high to low concentration?**

ANSWER: **Diffusion** (prompt on "Osmosis" before mentioned; prompt on "Brownian motion")

(3) **An alphabet classification system created by Chappell & White describes different types of this material. With the similar syenite [[SAI-eh-nite]], this material comprises the left side of the QAPF diagram. This material's extrusive equivalent is rhyolite [[RAI-oh-lite]]. Primarily composed of (*) quartz and alkali feldspar, this material commonly forms batholiths. For ten points, name this igneous rock whose toughness makes it ideal for construction.**

ANSWER: **Granites**

Science bonuses

(1) This phenomenon's namesake "exclusion" principle says that two species undergoing it cannot occupy the same ecological niche. For ten points each,

* Name this interaction which occurs when different organisms vie for the same limited resources, such as food and water.

ANSWER: **Competition** (accept **Competitive** Exclusion Principle)

* Competition between species is often contrasted with this symbiotic interaction which benefits both organisms involved, such as pollination.

ANSWER: **Mutualism** (accept word forms)

* This other type of symbiotic interaction occurs when one organism benefits but the other organism neither benefits nor is harmed, as in the case of Remoras [[ree-MOR-ahs]].

ANSWER: **Commensalism** (accept word forms)

(2) A circuit is a closed path that conducts electricity. For ten points each,

* Name this ability of a circuit or circuit component to store an electrical charge.

ANSWER: **Capacitance** (accept Self-**Capacitance**)

* The unit for capacitance is named for this man, who formulated the laws of electrolysis [[ee-lek-TRAH-lih-siss]] and the electromagnetic field.

ANSWER: Michael **Faraday** (accept **Faraday's** law(s) of electrolysis; accept but do not reveal **Faraday's** law of induction)

* Faraday's Law, which is alternatively named for this process, describes how a magnetic field generates an electric current in a conductor.

ANSWER: **Induction** (accept Electromagnetic **Induction** or Magnetic **Induction**; accept Faraday's Law of **Induction**)

(3) While slash-and-burn is not considered this kind of agriculture, rotational grazing and growing coffee under forest canopies are. For ten points each,

* Give this term that describes methods of farming and forestry that meet current needs while not degrading the environment or leaving future generations poorer.

ANSWER: **Sustainable** (accept [a]Sustainability[a])

* Sustainable agriculture may be the only way to support the continuing rise of this quantity, projected to reach 8.5 billion by 2030 and 11 billion by the end of the century.

ANSWER: Human **Population** (accept World **Population** or synonyms like Global **Population** or "number of people")

* Sustainable growth will likely require developed countries to reduce this quantity, the amount of CO₂ [{"C"}-OH-TWO] generated from fossil fuels per person per year.

ANSWER: **Carbon Footprint** (prompt on "footprint"; prompt on "Greenhouse Gas Emissions")

(4) This process, whose rate is given by the Becquerel [[beh-kuh-REL]], does not occur along the "belt of stability." For ten points each,

* Name the process in which an unstable nucleus loses energy through the emission of matter or energy.

ANSWER: Nuclear **Decay** (accept **Radioactivity**; accept Radioactive **Disintegration** or Nuclear **Disintegration**)

* Of the three most common types of nuclear decay, this one loses energy by emitting a photon rather than a particle.

ANSWER: **Gamma** Decay

* Unlike gamma decay, alpha decay does emit a particle. An alpha particle is equivalent to the nucleus of which atom?

ANSWER: **Helium-4**

Visual Art

(1) **This painting inspired a parody by Gordon Parks depicting a cleaning lady named Ella Watson. Darrell Garwood claimed that the “structural absurdity” of the Dribble House helped inspire this painting. The figure depicted on the right (*) of this painting was based on Byron McKeeby, a dentist from Cedar Rapids. This painting is named for the style of the house window depicted in it. A pitchfork appears in, for ten points, what painting by Grant Wood?**

ANSWER: **American Gothic**

(bonus) Name these architectural elements of roofs. For ten points each,

* These overlapping rectangular pieces of typically wood, slate, metal, or asphalt make up many roofs. This word is also used to define a small sign board hung outside a place of business.

ANSWER: **Shingles**

* What term refers to the triangular piece of wall below two intersecting pieces of roof? Nathaniel Hawthorne wrote about a house in Salem with seven of them.

ANSWER: **Gables**

* In Gothic architecture, these grotesque stone carvings of bat-like monsters often decorate roofs.

ANSWER: **Gargoyles** (accept **Gargouilles**)

Music

(1) The alto and tenor varieties of this instrument appear in the fourth and fifth movement of Beethoven's *Pastoral Symphony*. A solo for this instrument opens the "Tuba Mirum" section of Mozart's *Requiem*. Along with the piccolo, this instrument debuted in orchestral music in Beethoven's (*) *Fifth Symphony*. The sackbut was a predecessor to this instrument, which often plays *glissandi*. For ten points, name this brass instrument which includes a slide.

ANSWER: **Trombone** (accept **Sackbut** before mentioned; accept Alto **Trombone**; accept Tenor **Trombone**)

(bonus) Instruments in this family are typically at the back of an orchestra. For ten points each,

* Name this family of instruments which make noise when they are hit or shaken. Instruments in this family include cymbals, the xylophone, and timpani.

ANSWER: **Percussion** Instruments

* Often played to accompany Spanish dances, these percussion instruments are usually made of wood "clackers" connected by a string which are clicked together to make noise.

ANSWER: **Castanets** (accept **Palillos**)

* These percussion instruments were originally made from hollowed-out gourds filled with rice or beans.

ANSWER: **Maracas** (accept **Rumba Shaker**; accept **Chac-Chac**)

Religion

(1) **This action was taken on one individual in 1521 through the bull *Exsurge Domine*. Acts that can cause one to be subject to this action include trying to celebrate the Mass without being a (*) priest. Other institutions such as the Jehovah's Witnesses use the term "disfellowship" as an equivalent of this practice. For ten points, name this practice most prominently used by the Catholic Church to deprive a member from receiving its sacraments.**

ANSWER: **Excommunication** (accept word forms)

(bonus) This country is home to a quasi-Buddhist religion called Hòa Hảo [[HWAH-HOW]]. For ten points each,

* The author Victor Hugo is venerated in the Cao Dai [{"COW"}-{"DIE"}] belief system of what southeast Asian country?

ANSWER: Socialist Republic of **Vietnam** (or Cong Hoa Xa Hoi Chu Nghia **Viet Nam**)

* In this nearby country, followers of Shintoism build shrines which can be entered by *torii* [[TOH-REE-EE]] gates.

ANSWER: **Japan** (accept **Nippon**-koku; accept **Nihon**-koku)

* Japanese Zen and Pure Land, which is practiced in Vietnam, are both branches within this larger Buddhist faith tradition, which translates to "Great Vehicle."

ANSWER: **Mahayana** Buddhism

Mythology

(1) **This figure was the son of Myrrha and a king of Cyprus named Cinyras [[kin-EE-rahs]]. This man's death is sometimes attributed to an attempt by Artemis to seek revenge for the death of Hippolytus [[hih-PAH-lih-tuhs]]. This man, who was wounded by a wild (*) boar, was given a choice of where to spend one-third of the year. This man's blood mixed with the tears of his lover to form the anemone [[ah-NEH-moh-nee]] flower. For ten points, name this handsome youth who was beloved by Aphrodite.**

ANSWER: **Adonis**

(bonus) With Apollo, this figure was punished by Zeus by being forced to help build the walls of Troy. For ten points each,

* Name this Greek god, who was considered a protector of sailors. He had dominion over the ocean.

ANSWER: **Poseidon** (do not accept or prompt on "Neptune")

* This three-pronged spear was the signature weapon used by Poseidon.

ANSWER: **Trident** (accept **Triaina**; prompt on "Fish Spear")

* One son of Poseidon named Arion was among the children whom he fathered with this goddess. He seduced this goddess in the form of a stallion.

ANSWER: **Demeter** (or **Damater**)

Math

(1) This property can be demonstrated for polygons and polyhedrons by the CPCFC theorems. This property can be indicated with either a triple bar symbol or an equals sign with a tilde [[TEEL-deh]]. For a triangle, this property can be demonstrated by the angle-side-angle and side-angle-side theorems. Unlike similarity, this property preserves area. For ten points, give this property from geometry, in which a body has the exact same size and shape as another body.

ANSWER: **Congruence** (accept word forms such as **Congruent** or **Congruency**; do not accept or prompt on "similar" or "similarity")

(bonus) This quantity can never be larger than the divisor. For ten points each,

* Name this amount that is "left over" after performing a division problem.

ANSWER: **Remainder**

* One can find the remainder when dividing by multiple relatively prime divisors by using a theorem named for this modern country. That theorem was used by the third-century mathematician Sun Tzu to group soldiers.

ANSWER: **China** (accept People's Republic of **China**; accept **Zhonghua** Renmin Gongheguo; accept **Zhongguo**; accept **PRC**; accept **Chinese** Remainder Theorem)

* Programming languages often use a percent sign to represent this operation, which outputs the remainder when two numbers are divided.

ANSWER: **Modulo** (accept **Modulus**; accept **Modular** arithmetic)

Geography

(1) **The first prepared map of this river's namesake region was made by Charles Marie de la Condamine [[kohn-dah-MEEN]]. The *bandeirantes* explored this river, of which the first European to travel the length was the Portuguese Pedro Teixeira [[teh-SHEH-dah]]. (*) Manaus is the capital of the state named after this river which is home to the endangered pink river dolphin. Sharing its name with a noted rain forest, for ten points, what is this longest river in South America?**

ANSWER: **Amazon** River (or Río **Amazonas**)

(bonus) Two hydroelectric dams along this river can be found near a gorge known as the Iron Gates. For ten points each,

* Name this river which passes through the national capitals Bratislava and Belgrade.

ANSWER: **Danube** River (accept **Donau**; accept **Duna**; accept **Dunaj**)

* The source of the Danube River can be found in this mountainous region of Baden-Württemberg [[BAH-den VUR-tem-behrg]], which lends its name to a type of ham.

ANSWER: **Black Forest** (accept **Schwarzwald**)

* The Black Forest can be found in this country which contains cities including Frankfurt and Hamburg.

ANSWER: Federal Republic of **Germany** (accept Bundesrepublik **Deustchland**)

Social Studies

(1) **Prussian theorist Carl von Clausewitz described the "fog" of this activity. Thomas Aquinas [[ah-KWAI-nus]] and Saint Augustine both described the conditions of the "just" form of this activity. Chinese philosopher (*) Sun Tzu described strategies for this activity in a book titled for *The Art of* [this activity]. The Geneva Conventions outline the humanitarian laws of this activity. For ten points, name this form of violent conflict often fought between armies.**

ANSWER: **Warfare** (accept **Bellum**; accept Fog of **War**; accept Just **War**; accept *The Art of War*; accept Nebel des **Krieges**)

(bonus) A recent use of this procedure lasting over fifteen hours was conducted by Jeff Merkley during the nomination of Neil Gorsuch. For ten points each,

* Name this procedure which is informally known as "talking a bill to death."

ANSWER: **Filibustering**

* Filibusters can be conducted by members of this body presided over by the vice president.

ANSWER: United States **Senate**

* Filibusters can be ended if 60 senators agree via this debate-ending procedure. Outside of the U.S., some countries refer to it as the "guillotine."

ANSWER: **Cloture**