

Regional Academic Bowl – Round 6

First Quarter

(1) In this work, Manuel is an assistant gardener in the Santa Clara Valley who takes the central character away from Judge Miller. The "law of club and fang" appears in this work, in which François travels the Yukon Trail with the central character as part of a team that also includes Dave and "the devil dog" Spitz. Set during the Klondike Gold Rush, this is, for ten points, what novel featuring the sled dog Buck, a work by Jack London?

ANSWER: *The Call of the Wild*

(2) An action during this battle was erroneously claimed to have involved Hank Hansen and John Bradley, among others. Six members of E Company engaged in a notable action at this battle that was captured by photographer Joe Rosenthal, and that action at this 1945 battle occurred at Mount Suribachi. For ten points, name this World War Two battle on an island in Japan where American soldiers were famously recorded raising the U.S. flag in an iconic image.

ANSWER: Battle of Iwo Jima

(3) John Griffin names a "low-form" variety of this piece of equipment with a large base. Jöns Jacob Berzelius often lends his name to a type of this equipment with a height that is twice that of its diameter. The straightness of the sides of this piece of equipment distinguishes it from flasks, and this piece of equipment often has a point spout. For ten points, name this cylindrical piece of laboratory equipment used to hold and pour liquids.

ANSWER: beaker (accept Griffin Beaker; accept Berzelius Beaker)

(4) In this work, one character claims that "Who overcomes By force, hath overcome but half his foe." The author of this work claims that he seeks to "justify the ways of God to men," and this poem's first book opens by noting "Of Mans First Disobedience, and the Fruit/Of that Forbidden Tree." A prominent character in this work claims it is "Better to reign in Hell than serve in Heaven." For ten points, identify this epic poem by John Milton.

ANSWER: Paradise Lost

(5) Three major causeways connected this city, which was built on chinampas, or artificial islands. Bernal Díaz described this city's great market at Tlatelolco, and this city's Templo Mayor was dedicated to both Tlaloc and Huitzilopochtli [[HWEET-zee-loh-POACH-lee]]. The founding of this city was legendarily marked by the location where an eagle perched on a cactus was seen eating a snake. For ten points, name this Aztec capital that became modern-day Mexico City.

ANSWER: Tenochtitlan (accept Mexico City or Ciudad de México before "Aztec" is read)

(6) This phenomenon was believed to have been discovered by Wiley Post, although research on this phenomenon was first published by Wasaburo Oishi a few years earlier after he utilized a *pibal*. The main examples of these features can be found at the tropopause's altitude and are westerlies, and the strongest of these phenomena occur at the polar vortices. For ten points, name these fast air currents in the upper layers of Earth's atmosphere.

ANSWER: jet streams

(7) This instrument was derived from Portuguese instruments like the *cavaquinho* and *rajão*. Jonah Kumalae made use of Koa wood in the varieties of this instrument that he manufactured. This instrument was played in a medley of "What a Wonderful World" and "Over the Rainbow" by one of the founders of the Moana Glee Club. "Jumping flea" is the translated name of, for ten points, what stringed instrument popularized in Hawaii?

ANSWER: ukulele (accept uke)

(8) An arch named for this ruler is located 325 meters southeast of the acropolis in Athens. A colony that this ruler founded for his legionaries was known as Aelia Capitolina, and a replica of a statue of Aphrodite could be found at a villa that this man owned in Tivoli. Antoninus Pius was the successor of this member of the Five Good Emperors who succeeded Trajan. For ten points, identify this Roman emperor who names an ancient wall in Britain.

ANSWER: Hadrian (or Publius Aelius Hadrianus; accept Hadrian's Wall)

Second Quarter

(1) In an Apuleius novel, an adulterous woman hides her lover in one of these objects and tricks her husband into selling it for seven drachma. Many Greek tragedies claimed that Aegisthus used a net and one of these objects to trap and kill his lover's husband. Cocalus's daughters and Daedalus murdered Minos in one of these objects by scalding him with boiling water. For ten points, name this household object in which Clytemnestra murdered Agamemnon.

ANSWER: **bath** (or bathtub)

BONUS: Clytemnestra murders Agamemnon in the *Oresteia* trilogy by Aeschylus [[ACE-kuh-luss]], who is generally considered the father of this genre of classical Greek theatre.

ANSWER: **tragedy** (or **tragōidía**)

(2) A product principally made with this material by Johnson and Johnson was the subject of a 2024 settlement for mesothelioma and ovarian cancer claims. This water-insoluble mineral mostly comprises soapstone and is used to line rubber gloves to prevent sticking to skin, and this mineral consists of hydrated magnesium silicate. For ten points, identify this very soft clay mineral, which is found in baby powder and used by gymnasts for enhanced grip.

ANSWER: **talc** (also accept **talcum** powder)

BONUS: Introduced in 1812, this scale uses talc as a reference mineral for its lowest value. This scale measures a mineral's resistance to scratching and assigns a value of ten for diamond.

ANSWER: **Mohs** scale of hardness

(3) The original version of this document had 63 clauses, though only three remain in English law today. This document was first issued in the aftermath of the First Barons War, and this document established the principle that everyone, including the monarch, was subject to the law. Signed by King John at Runnymede in 1215, this is, for ten points, what document that limited royal power in medieval England, a cornerstone of constitutional law?

ANSWER: **Magna Carta** *Libertatum* (prompt on "Great Charter")

BONUS: The Magna Carta was first drafted by Cardinal Stephen Langton, who held this position in the Catholic Church, which was previously held by Thomas Becket and recently resigned by Justin Welby.

ANSWER: **Archbishop of Canterbury**

(4) This character founded an agency that often deals with issues involving the leader of the Tigers, Bugs Meany. The town of Idaville provides the setting for works about this character, the son of a police chief, who uses his knowledge and powers of deduction to solve mysteries in a series of 29 young reader novels by Donald J. Sobol. Leroy is the first name of, for ten points, what boy detective with a nickname that is indicative of his high intelligence?

ANSWER: **Encyclopedia Brown** (accept either underlined part; accept **Leroy Brown** before read)

BONUS: Encyclopedia Brown shared similarities with this series of adventure novels that began with *The Tower Treasure* in 1927. This series published under the name Franklin W. Dixon followed the mystery-solving siblings Frank and Joe.

ANSWER: The **Hardy Boys**

(5) With James Hartle, this scientist lends his name to a theoretical state of the universe prior to the start of the Big Bang. This scientist also gives his name to a form of radiation that is released outside of an event horizon by a black hole, and this scientist authored the popular physics book, *A Brief History of Time*. For ten points, name this British physicist, who, after being affected by ALS, became known for his use of a speech-generating device.

ANSWER: Stephen **Hawking** (or Stephen William **Hawking**)

BONUS: Stephen Hawking served as the Lucasian professor of mathematics at this English university, a rival of Oxford.

ANSWER: University of **Cambridge**

(6) The DSV *Limiting Factor* is the only manned vessel to visit this feature multiple times. This feature was created via the subduction of the Pacific Plate under a microplate east of the Philippine Sea Plate. A bathyscaphe called the *Trieste*, which carried Don Walsh and Jacques Picard, was first used to bring humans into this feature near a namesake island group. For ten points, name this trench that contains the deepest point of the Pacific Ocean.

ANSWER: **Mariana** Trench

BONUS: In 2012, James Cameron, the director of the film *Titanic*, traveled to this deepest point of the Marianas Trench.

ANSWER: **Challenger Deep**

(7) Sue Snell is among the characters in a work by this author set in the city of Chamberlain that deals with a girl who is found to have telekinetic powers. Stanley Kubrick directed a film based on a work by this author that features Jack Nicholson as Jack Torrance, a frustrated writer and caretaker at the Overlook Hotel. Hailing from the state of Maine, this is, for ten points, what author of the horror novels *Carrie* and *The Shining*?

ANSWER: Stephen **King** (or Stephen Edwin **King**; accept Richard **Bachman**; accept John **Swithen**; accept Beryl **Evans**)

BONUS: Some of the most celebrated adaptations of Stephen King's works have been made by Frank Darabont, who also developed this AMC series that begins with Rick Grimes waking up in an empty Georgia hospital after a zombie outbreak.

ANSWER: *The **Walking Dead***

(8) This mountain is the tallest of the "Three Holy Mountains," which also include Mount Tate [[TAH-teh]] and Mount Haku. A print titled *Fine Wind, Clear Morning* depicts this mountain, whose runoff drains into the Kakita River, and a series of artworks depict 36 views of this mountain, whose foothills are home to a forest known as Aokigahara. The Yoshida Route is often used to ascend, for ten points, what tallest mountain in Japan?

ANSWER: Mount **Fuji** (or **Fujisan**)

BONUS: Mount Fuji is this usually steep type of volcano, which is defined by its many-layered composition of lava and tephra.

ANSWER: **stratovolcano**

Third Quarter

The categories are:

1. World Poets
2. Psychology Experiments
3. Charles Darwin

World Poets

Concerning poets from around the world, name the...

- (1) Predominant language of the Palestinian poet Mahmoud Darwish.

ANSWER: **Arabic**

- (2) Predominant poetic form of Japanese poet Matsuo Bashō.

ANSWER: **haiku** (accept **renku**; accept **haiki** no renga)

- (3) Italian poet who authored the *Divine Comedy*.

ANSWER: **Dante Alighieri** (or **Durante** di Alighiero degli **Alighieri**; accept either underline part)

- (4) Specific plants "Of Evil" that title an influential 1857 book of lyric poetry by French poet Charles Baudelaire.

ANSWER: **flowers** (accept **Flowers** of Evil; accept *Les* **Fleurs** du mal)

- (5) Home country of "Elegy for Alto" poet Christopher Okigbo, as well as *Things Fall Apart* author Chinua Achebe [[ah-CHEH-beh]].

ANSWER: **Nigeria**

- (6) Chilean poet of *Twenty Love Poems and a Song of Despair* and *The Heights of Machu Picchu*.

ANSWER: Pablo **Neruda** (or Ricardo Eliécer Neftalí Reyes **Basoalto**)

Psychology Experiments

Concerning psychology experiments, name the...

(1) Long-tailed rodents similar to mice, a white laboratory example was placed near Little Albert in an experiment by John B. Watson.

ANSWER: rats

(2) Group contrasted with the experimental group which does not receive the treatment being studied.

ANSWER: control group

(3) Russian psychologist who studied classical conditioning by analyzing reflexes in dogs.

ANSWER: Ivan Pavlov (or Ivan Petrovich Pavlov)

(4) The act of behaving in ways similar to others in a group, as studied in an experiment by Solomon Asch.

ANSWER: conformity

(5) Specific objects hit by mallets in an Albert Bandura experiment studying aggression and social learning theory.

ANSWER: bobo dolls (prompt on "dolls")

(6) University of Wisconsin psychologist who introduced the "pit of despair" in his studies of rhesus monkeys.

ANSWER: Harry Harlow (or Harry Frederick Harlow)

Charles Darwin

Concerning the work of Charles Darwin, name the...

- (1) Central concept Darwin studied which results in the genetic changes of organisms over time.

ANSWER: **evolution**

- (2) Islands in South America which inspired Darwin's theories.

ANSWER: **Galápagos** Islands (or Islas **Galápagos**; accept **Colon**; accept **Columbus Archipelago**)

- (3) Navy vessel on which he conducted his five-year voyage.

ANSWER: HMS **Beagle**

- (4) Book he published in 1859 which argues that all animals descended from a common lineage.

ANSWER: *On the **Origin of Species*** (or *On the **Origin of Species** by Means of Natural Selection, or the Preservation of Favoured Races in the Struggle for Life*)

- (5) Specific birds whose diversity of beak structures led him to theorize about their origins.

ANSWER: **finch** (accept Darwin's **finch**; accept **Geospizinae**; prompt on "passerines")

- (6) British naturalist who published simultaneously to Darwin, independently theorizing natural selection.

ANSWER: Alfred Russel **Wallace**

Fourth Quarter

(1) While searching for this deity, one goddess nurses the prince Dictys, according to a story by Plutarch. This deity's body was recovered from a tree in Byblos by his wife, and this deity was killed by his brother after being tricked into climbing into a (+) sarcophagus. This god was murdered by Set and was resurrected by his son, the falcon-headed god (*) Horus. For ten points, name this green-skinned Egyptian god of the underworld, the husband of Isis.

ANSWER: Osiris (or Wsjr)

(2) Andreas von Antropoff coined the name for a hypothetical substance made of these particles, which are composed of two down quarks and one up quark. Deuterium and tritium are distinguished from one another by their number of these particles, which are the largest (+) of the particles governed by the strong force, as well as the largest nucleon. Containing a mass slightly greater than that of a (*) proton, this is, for ten points, what subatomic particle with no net charge?

ANSWER: neutrons

(3) An omnipotent AI that aids humankind and acts as an impartial ruler titles the second novel in this series, which features characters named for Ayn Rand, Noam Chomsky, Marie Curie, and Michael Faraday. The characters Citra and Rowan (+) are trained for the title occupation in this dystopian series, whose last novel is titled *The Toll*. Neil Shusterman is the author of, (*) for ten points, what series named for a tool wielded by the Grim Reaper?

ANSWER: *Arc of a* Scythe

(4) This person gifted two grizzly bear cubs for Thomas Jefferson to keep as pets in the White House. This man, who was killed at the Battle of York during the War of 1812, was ordered by James Wilkinson to find the source of the (+) Mississippi River. A feature that bears the name of this man is located in the Front Range and inspired the poem "America, (*) the Beautiful." For ten points, identify this explorer who lends his name to a major peak in Colorado Springs.

ANSWER: Zebulon Pike (accept Pike's Peak)

(5) Vitruvius designed an early example of these devices by calculating another object's four-foot dimension and taking into account the number 400. For mechanical varieties of these objects, the use of reverse would result in rollback, (+) a form of tampering that has become more difficult with the advent of digital examples of these devices in modern (*) automobiles. For ten points, name these devices which measure a vehicle's mileage.

ANSWER: odometer (accept mileometer)

(6) **One series of nearly 100 paintings by this artist was created from a terrace of St Thomas' Hospital that overlooked the Thames River. This artist depicted a series of haystacks (+) in the French commune of Giverny, where this artist also painted scenes from his garden as part of a series showing water lilies. Normandy was the hometown of, (*) for ten points, what French painter who launched a movement with his work, *Impression: Sunrise*?**

ANSWER: Claude **Monet** (or Oscar-Claude **Monet**)

(7) **Alhena is the former name of the third-brightest object in this constellation. This constellation contains the Clown Face and Medusa Nebulae, and its western portion contains the Shoe-Buckle Cluster. 3200 Phaethon (+) causes a prominent meteor shower in this constellation between Cancer and Taurus. The stars Castor and (*) Pollux are the brightest objects in, for ten points, what constellation that represents a pair of twins?**

ANSWER: **Gemini** (accept **Geminids**)

(8) **A doctrine named for this president was used to justify supporting Greece against a communist uprising to prevent the domino effect and contain authoritarianism. This president displayed a sign (+) on his desk that read "the buck stops here." This president, who controversially fired Douglas MacArthur, authorized the only use of (*) nuclear weapons in warfare. For ten points, name this 33rd president of the United States, who followed Franklin D. Roosevelt.**

ANSWER: Harry S. **Truman** (accept **Truman** Doctrine)

Extra Question

(1) **This brand-named product is actually an imitation of an early 20th-century snack food brand known as Hydrox. The original design of this snack food features a wreath surrounding the product's name, and this product originally had the word (+) "Biscuit" as part of its name, but that was later changed to "Sandwich" in 1921 and (*) "Crème Sandwich" in 1948. For ten points, name this Nabisco snack food brand that uses the tagline "Milk's Favorite Cookie."**

ANSWER: **Oreo** (or **Oreo** Biscuit; or **Oreo** Sandwich; or **Oreo** Crème Sandwich; or **Oreo** Chocolate Sandwich Cookie)

BONUS: By total area, this lake is the largest freshwater lake in the United States, as well as the largest of the Great Lakes.

ANSWER: Lake **Superior**