

Academic Bowl Round 1

First Quarter

(1) This country's soldiers included a contingent called the Garhwal Rifles, who served in Afghanistan and Burma. The "Tiger Legion" from this country served under the Waffen-SS in an attempt to gain independence from the United Kingdom. For ten points, name this country, whose colonial military was formed through merging the Madras, Bengal, and Bombay armies.

ANSWER: Republic of **India** (or **Bharatiya** Ganarajya)

(2) In *The War in the Air*, this author prophesied the devastating impact that aerial bombardments would later have on civilian centers. This author's *The Outline of History* provided a survey that began with the creation of the earth and ended with the First World War. For ten points, name this author of such sci-fi classics as *The Invisible Man* and *The War of the Worlds*.

ANSWER: H. G. **Wells** (or Herbert George **Wells**)

(3) Triangular pendentives support the compound type of these structures, which include an example built in Florence on an octagonal drum. Sound waves reflect around the concave surface of one of these structures in the whispering gallery of St. Paul's Cathedral, and a series of triangles support the "geodesic" type of these structures. For ten points, name these architectural structures, which resemble a hemisphere.

ANSWER: **Dome** (accept Compound **dome**; accept Geodesic **dome**; prompt on "Vault" before "geodesic" is mentioned)

(4) In 2021, this country reopened its Menindee Lakes System, near the silver-mining city of Broken Hill in the Barrier Range. Over-irrigation has harmed the Murray-Darling River system in this country, where the Nullarbor Plain is separated by the Great Dingo Fence from the Great Dividing Range. Queensland and New South Wales are states in, for ten points, what country, which contains the Outback?

ANSWER: Commonwealth of **Australia**

(5) This man used swan neck flasks to disprove the miasma theory and the idea of spontaneous generation, supporting the germ theory of disease. This scientist founded a namesake institute which was the first organization to isolate HIV, and this man discovered the vaccine for rabies. For ten points, name this French scientist who names a process in which milk and juice are sanitized through heating.

ANSWER: Louis **Pasteur** (accept **Pasteur**ization; accept **Pasteur** Institute)

(6) After accepting a dishonorable ride from a dwarf, this figure becomes known as the Knight of the Cart. This figure's affair with Elaine leads to the birth of his son, Galahad. For ten points, name this knight of the Round Table, whose affair with Guinevere led to the downfall of Camelot.

ANSWER: **Lancelot** du Lac (or **Lancelot** of the Lake; accept **Launcelot**)

(7) English colonists and enslaved persons in this country developed its current lingua franca, the creole Sranan Tongo. The Treaty of Breda granted sovereignty over this country to the Netherlands in exchange for relinquishing New Amsterdam to England. For ten points, name this country in northern South America, governed from Paramaribo.

ANSWER: Republic of **Suriname** (or Republiek **Suriname**)

(8) This discipline was dubbed the “dismal science” by Thomas Carlyle in response to Thomas Malthus’ catastrophic theory of this field. The supply-side theory of this field argues that less regulation and government interference will stimulate growth. The neo-classical school of this field modernized the ideas of Adam Smith. For ten points, name this social science discipline that deals with markets and prices.

ANSWER: **Economics** (or **econ**; or macro**economics**)

(9) One of this culture’s gods stole bones from the underworld, Mictlan, to mix them with blood and create humans. This culture’s patron god was a solar-war deity known as the “Left-Handed Hummingbird” and was worshipped with human sacrifice. This culture worshipped the most famous example of the feathered serpent god, Quetzalcoatl. For ten points, name this Meso-American civilization whose mythology was recorded by conquistadors led by Hernán Cortés.

ANSWER: **Aztec** (or **Mexicatli**; or **Nahuatl**)

(10) The discovery of these particles by James Chadwick was the basis for Fermi's interaction, which explains how these particles can undergo beta decay. Extremely dense collapsed cores of supergiant stars are formed almost entirely of these particles, and isotopes differ in the amount of this particle present. For ten points, name this neutrally charged particle, which forms atomic nuclei with protons.

ANSWER: **Neutrons** (accept **Neutron** Stars)

Second Quarter

(1) This group only recognizes a Torah with a commandment to sacrifice on Mount Gerizim [[geh-ruh-ZEEM]] with no mention of Jerusalem. This group is called “Kutim” [[koo-TEEM]], because their Assyrian ancestry came from Kuta to join with the remnants of Israel. For ten points, name this religion, a “Good” member of which aided a wounded traveler in a story told by Jesus.

ANSWER: **Samaritans** (or **Samerim**; or **Somronim**; accept Good **Samaritan**)

BONUS: The “Good Samaritan” is an example of one of these stories told by Jesus, which he consistently used in his ministry to explain his views to his audience. Other examples of these stories include ones about a “Rich Fool” and a “Prodigal Son.”

ANSWER: **Parable**

(2) The Nixon administration attempted to deport this man after he announced a San Diego concert during the Republican National Convention. The Harlem Community Choir joined this man and his rock band in the Christmas song "Happy Xmas (War is Over)." This man conducted the two-week Bed-ins for Peace protests while on honeymoon with his wife, Yoko Ono. For ten points, name this British musician and peace activist, a founder of the Beatles.

ANSWER: John **Lennon**

BONUS: Lennon's best-selling single of his solo was this song, in which he sings, "You may say I'm a dreamer / But I'm not the only one."

ANSWER: "**Imagine**"

(3) This ruler reigned during passage of a Reform Act that allowed middle-class citizens to vote, nearly doubling the size of the electorate in Great Britain. This ruler gave over significant royal power to prime ministers like Robert Peel and Benjamin Disraeli. For ten points, name this British monarch who reigned during most of the 19th century.

ANSWER: Queen **Victoria** (or Alexandrina **Victoria**)

ANSWER: Victoria's husband was this German prince who was heavily involved in the Great Exhibition of 1851. His untimely death in 1861 led Victoria to wear black for the rest of her life.

ANSWER: **Albert**, Prince Consort (or Prince **Albert** of Saxe-Coburg and Gotha)

(4) This novel was written in response to an R.M. Ballantyne work called *The Coral Island*. One faction in this novel sets up base at a location called Castle Rock, where the sadistic Roger tortures the twins Samneric. A smoke signal in this novel is created by using the glasses of the character Piggy, whose death destroys the conch. For ten points, identify this William Golding book about a group of boys who form a vicious society while stranded on an island.

ANSWER: **Lord of the Flies**

BONUS: This boy is the first to die in the novel after being mistakenly beaten to death by Ralph and Piggy. His death symbolizes the boys' "end of innocence" and marks a deeper descent into savagery and cruelty.

ANSWER: **Simon**

(5) In 1883, Enrico Mazzanti produced the first illustrated version of this character. Along with his friend, Candlewick, this character is transformed into a donkey after spending several months in the Land of Toys. The creation of Carlo Collodi, for ten points, who is this a wooden puppet who dreams of becoming a real boy?

ANSWER: **Pinocchio** (accept *The Adventures of Pinocchio*)

BONUS: Disney's *Pinocchio* was released in 1940, and was their second animated film after this 1937 film based on a fairy tale about a girl who is put to sleep for a year due to eating a cursed apple.

ANSWER: **Snow White** and the Seven Dwarfs

(6) High intensity crown fires in these biomes prevent tree stands from typically aging beyond one hundred years. These biomes are characterized by the presence of acidic and ashy soil called podzol. Black spruces in these biomes may partially sink and tilt to form “drunken trees.” These non-mountainous biomes are bounded in the north by the tree line. Located south of the Arctic tundra, for ten points, what is this cold forest biome?

ANSWER: **Taiga** (accept **Boreal Forest**; accept **Snow forest**; prompt on "forest")

BONUS: During and after the Last Ice Age, the land that is now taiga was predominantly a steppe known as the herding grounds of what giant land mammal?

ANSWER: Woolly **Mammoth** (accept **Mammoth** Steppe)

(7) This painter was one of the first Europeans to paint a Black woman as a primary subject with his *Kitchen Maid with the Supper at Emmaus*. Justinus van Nassau hands a key to Ambrogio Spinola in another painting by this artist, who depicted the king and queen of Spain in the mirror of a large portrait. For ten points, name this Spanish artist of *The Surrender of Breda* and *Las Meninas*.

ANSWER: Diego **Velázquez** (or Diego Rodríguez de Silva y **Velázquez**)

BONUS: This other Spanish artist painted the violent *Disasters of War* series and later painted his “Black Paintings” directly onto his house walls, including *Saturn Devouring His Son*.

ANSWER: Francisco **Goya**

(8) The sulfate of this element is the component of a chemical reagent used to distinguish between an aldehyde and a ketone, called Fehling's solution. This element, which is mixed with strontium to create purple fireworks, is sourced in minerals such as chalcopyrite and bornite. A reddish transition metal, for ten points, what is this metal which was historically mixed with tin to form Bronze?

ANSWER: **Copper** (or **Cu**; accept **Copper** Sulfate)

BONUS: This island of the eastern Mediterranean likely gained its name from its large natural deposits of copper. Today it is split into Greek and Turkish sections.

ANSWER: **Cyprus** (accept **Kypros**; or **Kibri**)

Third Quarter: Categories are

- 1) Countries of Current World Leaders**
- 2) Leonardo da Vinci**
- 3) Atomic Theory**

Countries of Current World Leaders

Given the world leader, name the country they are currently leading...

(1) Xi Jinping, who has threatened to retake Taiwan

ANSWER: **China**

(2) Viktor Orban, who has held up Sweden's accession to NATO

ANSWER: **Hungary**

(3) Rishi Sunak, the first person of Indian descent in his position

ANSWER: **United Kingdom** (or Great **Britain**; prompt on "England")

(4) Justin Trudeau, whose father Pierre, also led his country

ANSWER: **Canada**

(5) Narendra Modi, who has supported the recently opening of a temple to the god Ram

ANSWER: **India**

(6) Anthony Albanese, who as the leader of a close US ally, was recently feted at a White House state dinner

ANSWER: **Australia**

(7) Cyril Ramaphosa, who belongs to the ANC political party

ANSWER: **South Africa**

(8) Javier Milei, who was sworn into office in December 2023

ANSWER: **Argentina**

Leonardo da Vinci

Concerning the work of Leonardo da Vinci, name the...

(1) Italian art movement, with a name meaning "Rebirth," of which he was a part.

ANSWER: **Renaissance**

(2) Work in the Louvre, also known as *Gioconda*, which depicts a woman with a much-discussed smile.

ANSWER: **Mona Lisa**

(3) Biblical figure *of the Rocks* depicted by da Vinci wearing ultramarine and attended by angels.

ANSWER: **Virgin Mary** (accept either underlined portion; accept **Madonna**; accept **Our Lady**; accept **Madonna of the Rocks**)

(4) Family of bankers who ruled Florence and supported his work.

ANSWER: House of **Medici** (accept de **Medici**)

(5) Northern Italian city in which *The Last Supper* was painted on a convent wall.

ANSWER: **Milan** (or **Milano**)

(6) Country in which he died in 1519 after being invited there by King Francis the First.

ANSWER: **France**

(7) Famous drawing of his which shows a man with outstretched arms surrounded by a circle and square

ANSWER: **Vitruvian Man**

(8) Work, attributed to him, which sold for a record \$457 million in a 2017 auction.

ANSWER: **Salvator Mundi**

Atomic Theory

Concerning early atomic theory, name the...

(1) Dense region of subatomic particles at the center of an atom.

ANSWER: **Nucleus**

(2) Particle within that region, having an electric charge of "plus one."

ANSWER: **Proton**

(3) Negatively charged particle, identified as a particle by J.J. Thomson in 1897.

ANSWER: **Electron**

(4) Danish scientist who won the Physics Nobel in 1922 and developed the modern atomic model

ANSWER: Niels **Bohr**

(5) Atom that was given atomic number 3 when found to be the lightest metal.

ANSWER: **Lithium**

(6) "Shell" comprised of a set of orbitals, a key element of chemical bonds.

ANSWER: **Valence** Shell

(7) Dessert that names an obsolete atomic model

ANSWER: **Plum Pudding** Model (prompt on partial answers)

(8) Greek philosopher who coined the term "atom" and correctly regarded them as irreducible.

ANSWER: **Democritus**

Fourth Quarter

(1) **Birutė Galdikas is considered the world's foremost expert on these animals and has campaigned to protect them against deforestation for palm oil production. This animal, which is known for its flanges, or cheek pads, is the largest (+) primate to exist outside of Africa and inhabits the islands of Sumatra and (*) Borneo.** For ten points, identify this Indonesian great ape, which is known for its orange fur.

ANSWER: **Orangutans** (accept **Pongo**; or **Orangutang**)

(2) **This painter's only seascape, which depicts the disciples of Jesus frantically steering through a storm, was stolen from the Isabella Stewart Gardner Museum. A dead chicken is suspended from a woman's belt (+)** in another painting by this artist, the foreground of which depicts a lieutenant in yellow and a captain in black with a red sash. Depicting Frans Banning Cocq in (*) *The Night Watch*, for the point, who was this Dutch artist?

ANSWER: **Rembrandt van Rijn** (or **Rembrandt** Harmenszoon **van Rijn**; accept either underlined portion)

(3) **One of these gems, named "Sunrise," was found in Myanmar and is currently the most-expensive colored gem. (+)** Lasers made of this gem produce pulses of coherent visible light at a 694.3 nanometer wavelength. (*) For ten points, name this gem, whose most-prized coloration is the "pigeon's blood" shade.

ANSWER: **Ruby** (accept Sunrise **Ruby**; accept **Ruby** Laser; accept Pigeon's Blood **Ruby**)

(4) **This god, along with King Oeneus, is sometimes described as the co-father of Meleager. According to Hesiod, this god is attended by Phobos, or Fear, and Deimos, or Dread. This god turned (+)** Alectryon into a rooster after he failed to alert him that Helios was spying on him. Caught in a golden net with the wife of (*) Hephaestus, for ten points, who is this lover of Aphrodite and Greek god of war?

ANSWER: **Ares** (accept **Mars** before "Hesiod" is mentioned)

(5) **Harold Bloom called this work the first modern novel. One character in this work has a surname meaning "belly," and a word derived from the title of this work describes impractical idealism. (+)** Rocinante is the steed of this novel's main character, who loves (*) Dulcinea. For ten points, name this epic novel about a man of La Mancha, written by Miguel de Cervantes.

ANSWER: **Don Quixote**

(6) **These people were imprisoned in concentration camps run by Lord Kitchener during the second of their namesake conflicts. These people established an independent state following the Great Trek out of the Cape Colony. These people were the primary European (+)** inhabitants of the Transvaal Republic and the Orange Free State. Naming a set of wars (*) against the British, for ten points, who are these descendants of Dutch settlers in South Africa?

ANSWER: **Boers** (accept **Afrikaners** before "namesake" is mentioned; accept First or Second Anglo-**Boer** War; accept **Boer** Republics; prompt on "Dutch" or "South Africans" before read)

(7) **The availability of the Gros Michel variety of this item has declined sharply in recent decades due to the prevalence of Panama Disease. The Tropical Race 4, or TR 4, variant of (+)** Panama Disease threatens the widespread Cavendish cultivar of this fruit, which originally flavored the filling of Twinkies. (*) For ten points, name this fruit, which nicknames "republics" in Latin America and is yellow when ripe.

ANSWER: **Bananas** (accept Gros Michel **banana**; accept Cavendish **banana**; accept **Banana** republic)

(8) **In one novel set in what is today this country, Olanna has a relationship with the British author Richard Churchill. In that novel from this modern country, Kainene disappears while running a refugee camp, and Ugwu is forcibly conscripted into a rebel army. In another novel from this country, (+) Ikemefuna is executed by Okonkwo, who later attacks British court officials. The setting of *Half of a Yellow Sun* and Chinua (*) Achebe's [[CHIN-wah uh-CHEH-behs]] *Things Fall Apart*,** for ten points, what is this African country?

ANSWER: Federal Republic of **Nigeria** (do not accept or prompt on "Biafra")

Extra Question / Tiebreaker

(1) **This U.S. state's town of Seaside is known for being filmed in *The Truman Show*. This state's settlement of Celebration was developed by a company that once controlled the Reedy Creek Improvement District, and this state also includes the planned city of Coral Gables.** For ten points, name this U.S. state, which is home to the envisioned EPCOT community in Walt Disney World.

ANSWER: **Florida**