

# Academic Bowl Round 5

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## First Half

(1) **The Sieberg-Ambrasey scale was the first instrument to measure the intensity of these natural events, and that scale was later modified to account for height. The Higher Ground Project celebrated children who survived (\*) one of these disasters that was triggered by the Sumatra-Andaman earthquake in the Indian Ocean. For ten points, name these natural disasters caused by events that displace large volumes of water.**

ANSWER: **Tsunamis** (accept **Tidal Wave**; accept 2004 Indian Ocean earthquake and **tsunami**; accept Boxing Day **Tsunami**)

(bonus) These structures can be classified as either black smokers or white smokers, depending on the class of elements they expel. For ten points

\* Name these fissures in the ocean floor which discharge heated water and mineral deposits.

ANSWER: **hydrothermal vents** (prompt on "vents")

\* Before being released from hydrothermal vents, water is drawn under the ocean floor and heated to temperatures above 400 degrees Celsius by this type of sub-surface molten rock.

ANSWER: **magma**

\* Hydrothermal vents are common along this seafloor plate boundary which separates the North American from the African and Eurasian tectonic plates.

ANSWER: **Mid-Atlantic Ridge**

(2) **This ancient art form was revived in Europe after the "Le Japonisme" movement of the 1870s, and the flat figures created in this art form are reflected in Manet's *Olympia*. *The Rhinoceros* and the (\*) *Great Passion* are works in this art form. For ten points, name this art form which originated in China and involves engraving images in a material gathered from trees.**

ANSWER: **Woodcut** (or **Woodcutting**)

(bonus) Many visitors to a certain U.S. city see "The Bean," a 100-ton stainless steel sculpture in Millennium Park. For ten points each:

\* "The Bean" is located near The Loop in this major Illinois city.

ANSWER: **Chicago**

\* Anish Kapoor, the sculptor of "The Bean," gave the sculpture this name, as viewers passing under it can also see a reflection of the sky.

ANSWER: Cloud Gate

\* ArcelorMittal *Orbit*, another work by Kapoor, is found in this capital city, where it was commissioned for the 2012 Summer Olympics.

ANSWER: London

(3) **This man is killed while dueling with Lancelot, who had killed this man's brother, Gareth. In one story, this man gives a lord three kisses, because he has promised to share whatever he is given in the lord's castle. This man is spared in a (\*) beheading game, because he is wearing a magic girdle from Lady Bertilak. For ten points, name this Knight of the Round Table who beheaded the Green Knight.**

ANSWER: Sir Gawain (accept Gwalchmei; accept *Sir Gawain and the Green Knight*)

(bonus) This author wrote about the lives of the Heywoods and their fourteen children in an unpublished work titled *Sanditon*. For ten points each,

\* Name this author who alluded to a group of seven "horrid novels" in her work *Northanger Abbey*.

ANSWER: Jane Austen

\* Jane Austen may be best known for this work in which Mr. Darcy attends the Netherfield Ball alongside the Bennet sisters, one of whom he eventually marries.

ANSWER: Pride and Prejudice

\* Jane Austen also wrote this work, the title character of which is a member of the Woodhouse family and has a passion for matchmaking.

ANSWER: Emma

(4) **This scientist, in a poem of forty-four lines addressed to Eratosthenes [[eh-rah-TAHS-theh-nees]], developed a namesake cattle problem in which the herd of the sun god can be calculated by solving multiple Diophantine equations. This mathematician's work, (\*) *Measurement of a Circle*, gave his approximation of pi. For ten points, name this scientist whose alleged "Eureka moment" came when he discovered his namesake principle.**

ANSWER: Archimedes of Syracuse (accept Archimedes's principle; accept Archimedes's cattle problem)

(bonus) One of the first of these events in Europe took place in the Republic of Ragusa in the 14th century to combat the Black Death. For ten points each,

\* Taken from a Venetian word meaning "forty days," what protocols restrict a citizen's movement with the intention of stopping the spread of disease? Much of the world underwent this process in 2020.

ANSWER: **Quarantine** (accept **Quarantining** or other word forms)

\* This 7th century polymath from Persia was an early proponent of quarantining. He wrote both *The Book of Healing* and *The Canon of Medicine*.

ANSWER: **Avicenna** (or **Ibn Sina**)

\* A flag of this single color was used to indicate a ship was quarantining. Some diseases named with this color cause jaundice.

ANSWER: **Yellow**

(5) **This person's mother was criticized for playing golf soon after the death of his father, Lord Darnley. This person both attacked tobacco and profited from it, and the conspirators behind the Gunpowder Plot (\*) sought to assassinate this man. This person both ruled Scotland and founded England's Stuart Dynasty. For ten points, name this man who sponsored a popular translation of the Bible.**

ANSWER: **James I** (accept **James VI** of Scotland; prompt on "James" or "King James Bible")

(bonus) This man's church contract had a clause which allocated a 250-gallon stipend of wine per annum. For ten points each,

\* Name this church reformer who headed the Council of Geneva. This Protestant's dogma primarily splits with Luther on the matter of predestination.

ANSWER: John **Calvin** (or Jean **Cauvin**)

\* Calvin was powerless to stop the Council of Geneva from burning this Spanish reformer, a man who rejected Trinitarianism, after a 1553 trial.

ANSWER: Michael **Servetus** (or Miguel **Serveto**)

\* Both Calvin and Servetus can be described using this term, defined as "a study of the divine," which takes its name from Greek words meaning "reasoning about god."

ANSWER: **Theologian** (accept **Theology**)

(6) **The role of this country's leaders was formalized by the Statutes of 1600, the oldest constitution in the world. Those leaders of this country serve for six-month terms and occupy a dual throne on Mount Titano. This "Serene (\*) Republic" is ruled by pairs of rotating officials known as Captains-Regents. For ten points, identify this microstate and enclave contained entirely within Italy.**

ANSWER: Most Serene Republic of **San Marino** (or Serenissima Repubblica di **San Marino**)

(bonus) The Rhine River has long been a symbol of the country of Germany, but like most rivers in Europe, it is international. For ten points each,

\* In which country, home to Zurich, does the Rhine originate?

ANSWER: **Switzerland** (or **Swiss** Confederation; or **Schweizerische Eidgenossenschaft**; or Confederation **Suisse**; or Confederazione **Svizzera**; or Confederaziun **Svizra**)

\* What French city, located on the Rhine's shores, is home to the European Parliament?

ANSWER: **Strasbourg**

\* Which river accompanies the Rhine and Meuse to the south in a major Dutch delta?

ANSWER: **Scheldt** (or **Escaut**)

(7) **This man falsely claimed to serve in the Burma Campaign of World War Two with the King's African Rifles, despite not joining the unit until after the war. Yasser Arafat was the best man for this dictator's extravagant wedding to a go-go dancer known as "Suicide Sarah." (\*) Milton Obote was overthrown and succeeded by this dictator who styled himself as "The Last King of Scotland." For ten points, identify this "Butcher of Kampala" and dictator of Uganda.**

ANSWER: Idi **Amin** Dada Oumee

(bonus) This land's King Nzinga a Nkuwu [[nn-KOO-woo]] converted to Christianity while under the influence of Diogo Cam but reversed that decision once he realized he had to be monogamous. For ten points each,

\* Name this vassal of Portugal whose King Garcia II expelled the Dutch West India company after they raided the Bengo River.

ANSWER: Kingdom of **Kongo**

\* Like much of West Africa to its north, the Kingdom of Kongo used this part of the *Cowrie* snail as its primary currency.

ANSWER: **Shell**

\* The Kingdom of Kongo was historically situated in this former Portuguese colony, which experienced a 27-year civil war which ended in 2002 after the MPLA achieved victory.

ANSWER: Republic of Angola (or Republica de Angola)

(8) This poet wrote, "I have passed by the watchman on his beat" in "Acquainted with the Night." Another of this writer's poems discusses a horse who "must think it queer," and this man also wrote about a "yellow (\*) wood" in which two options "diverged." For ten points, name this New England poet of "Stopping by Woods on a Snowy Evening" and "The Road Not Taken."

ANSWER: Robert Frost (or Robert Lee Frost)

(bonus) Owen Wister is often considered the father of this genre of fiction. For ten points each,

\* Name this genre, characterized by Wister's novel *The Virginian*, which focuses on the life of a cowboy in the Wyoming Territory.

ANSWER: Western novel (or Westerns; accept similar answers such as Western fiction)

\* *The Virginian* was derived from several short stories including some published in this magazine that frequently featured illustrations by Norman Rockwell.

ANSWER: *The Saturday Evening Post*

\* The predecessor to Western fiction is often thought to have been the frontier literature of authors like this writer of *The Last of the Mohicans*.

ANSWER: James Fenimore Cooper

## Halftime

The categories are:

1. Tony Award-winning Musicals
2. Western Expansion
3. Animals of the Savannah

***Tony Award-winning Musicals***

Concerning Tony Award-winning Musicals, name the...

- (1) Lin-Manuel Miranda work about a U.S. Founding Father.

ANSWER: **Hamilton**

- (2) 2008 winner set in the Washington Heights neighborhood of New York City.

ANSWER: **In the Heights**

- (3) Jukebox musical about Frankie Valli and The Four Seasons.

ANSWER: **Jersey Boys**

- (4) Musical which opened the same year as a James Cameron film of the same name.

ANSWER: **Titanic: A New Musical**

- (5) 1983 winner based on poems by T.S. Eliot.

ANSWER: **Cats**

- (6) Work with an all-Black cast, based on the novels of L. Frank Baum.

ANSWER: *The **Wiz**: The Super Soul Musical "Wonderful Wizard of Oz"*

*Western Expansion*

The U.S. added major parcels of land during the 19th century. Name the...

- (1) Largest land purchase of the Jefferson administration.

ANSWER: **Louisiana** Purchase

- (2) State that fought against Mexico and Santa Ana at the Alamo.

ANSWER: **Texas** (or **Tejas**; accept Republic of **Texas**; accept República de **Tejas**)

- (3) Wagon route stretching from the Missouri River to the Willamette Valley.

ANSWER: **Oregon Trail**

- (4) Eastern state admitted in the Missouri Compromise.

ANSWER: **Maine**

- (5) State that was part of the Thirteen Colonies but split from its eastern neighbor during the Civil War?

ANSWER: **West Virginia**

- (6) State motto of Nevada due to being admitted during the Civil War.

ANSWER: The **"Battle Born"** State

*Animals of the Savannah*

Considering the African Savannah, name the...

(1) Genus of ungulates which includes the tallest terrestrial animals.

ANSWER: **Giraffe** (or **Giraffa**)

(2) Species of ungulates which are frequently poached for their keratin-based horns.

ANSWER: **Rhino**ceros (or **Rhinos**; accept Black **Rhino**ceros; accept White **Rhino**ceros)

(3) Large cat which has been recorded as fast as 61 miles per hour.

ANSWER: **Cheetah**

(4) Subgenus of equines, a member of which known as the "Quagga" went extinct in the 19th century.

ANSWER: **Zebra** (accept **Hippotigris**)

(5) Longest venomous snake in the region, in the same genus as a species named "Jameson's."

ANSWER: **Black mamba** (prompt on "mamba")

(6) Family of birds whose first and second neck vertebrae are fused to help carry the weight of its heavy bill.

ANSWER: **Hornbill** (accept **Bucerotidae**)



## Second Half

(1) **This country's 1980 constitution was drafted under a dictatorship that seized power on September 11th by bombarding the Moneda Palace. One leader of this country was advised by economists known as the "Chicago (\*) Boys" after deposing Salvador Allende [[ah-YEN-deh]]. For ten points, name this South American country in which "death flights" were carried out by Augusto Pinochet [[pee-noh-SHEH]].**

ANSWER: Republic of **Chile** (accept República de **Chile**)

(bonus) A group of workers in this country were called the *descamisados* or "shirtless ones." For ten points each,

\* Name this country, in which the Ezeiza [[eh-ZEH-sah]] Massacre was carried out in Buenos Aires.

ANSWER: **Argentina** (accept Republica **Argentina**; accept **Argentine** Republic)

\* The *descamisados* supported a leader of this Argentine political family named Juan. That man's second wife was popularly known as Evita.

ANSWER: **Perón** (accept Juan **Perón**; accept María Eva "Evita" Duarte de **Perón**)

\* Juan Perón's third wife was born with the first name Maria, but she adopted this first name which she bore when she succeeded him as president.

ANSWER: **Isabel** (or **Isabel** Martínez de Perón; or **Isabel** Perón; accept **Isabelita**)

(2) **This deity instructed Eileithyia [[il-ih-THY-ah]] to tie her legs into knots in order to delay the birth of one hero. In another story, this deity threw their son off of Olympus for being too ugly, resulting in him becoming lame. This deity sent a gadfly to follow and torture Io [["EYE"-oh]] (\*) after she was turned into a cow out of jealousy for the affairs of this deity's husband. The mother of Hephaestus and Ares, for ten points, who is this queen of Olympus, the wife of Zeus?**

ANSWER: **Hera** (accept **Juno** until "Hephaestus" is mentioned)

(bonus) Cerberus and the Hydra are among the siblings of this creature, whose parents are Typhon and Echidna. For ten points each,

\* Name this creature whose slaying was ordered by King Iobates [["eye"-oh-BAY-tees]]. This creature is often depicted as a lion with a goat's head.

ANSWER: **Chimera**

\* The task of slaying the Chimera was carried out by this Greek hero who later angered the gods by trying to go to Mount Olympus.

ANSWER: **Bellerophontes**

\* Bellerophon was killed after attempting to ride this winged horse to the home of the gods.

ANSWER: **Pegasus**

(3) **The twenty-sixth of J.S. Bach's *Goldberg Variations* uses two different types of these things for the two hands of the pianist. The "Promenade" from Modest Mussorgsky's *Pictures at an Exhibition* unusually alternates (\*) between two of these things. For ten points, "three-four" and "four-four" are two common examples of what musical "signatures"?**

ANSWER: **Time** signature(s) (prompt on "meter signature(s)" or "measure signature(s)"; prompt on "meter")

(bonus) This man's song "Killshot" was aimed at a Cleveland-native who released a diss track called "Rap Devil." For ten points each,

\* Name this rapper from Detroit best known for songs like "Lose Yourself."

ANSWER: **Eminem** (accept Marshall Bruce **Mathers** III; accept **Slim Shady**)

\* Eminem's song "Lose Yourself" one an Oscar for its appearance in this film about a rapper based on and played by Eminem.

ANSWER: **8 Mile**

\* "Rap Devil" was an Eminem diss track by Machine Gun Kelly, who transitioned to the pop-leaning version of this genre with his album *Tickets to my Downfall*

ANSWER: Pop **Punk**

(4) **This man narrowly escaped an assassination attempt by a Korean activist, Lee Bong-chang, and a coup attempt led by Army officers, known as the February 26 incident. This man announced his acceptance of the Potsdam (\*) Declaration when he gave the Jewel Voice Broadcast. The father of Akihito was, for ten points, what emperor of Japan during World War Two?**

ANSWER: **Hirohito** (accept **Showa** Emperor, in either order)

(bonus) This dynasty sent an emissary to Rome which only reached Parthia, whose diplomats lied to them about their distance from Roman Syria in an effort to convince them to turn back. For ten points each,

\* Name this Chinese dynasty which benefited from Rome buying their exotic goods. This dynasty's Emperor Wudi promoted a hybrid of Legalism-Confucianism doctrine.

ANSWER: **Han** Dynasty (or **Hàn**cháo)

\* Many of the Han Dynasty's exotic goods reached Rome through this trade network named for a product made from the *Bombyx mori*.

ANSWER: **Silk Road** (or **Silk Routes**; or **Sīchóu zhī lù**)

\* By means of the Silk Road, the Romans gained this weapon from the Chinese, a weapon that uses bolts rather than arrows.

ANSWER: **Crossbow**

(5) **In the October 2, 1950 debut of this character, he is depicted walking down the street while being observed by Patty and Shermey, who then declares his hatred for this character. In the 1967 Off-Broadway debut of the musical (\*) with this character in its title, he was played by Gary Burghoff while Bob Balaban played Linus van Pelt. For ten points, name this character at the center of the comic strip *Peanuts* who owns a dog named Snoopy.**

ANSWER: **Charlie Brown** (accept either underlined portion)

(bonus) Captain Alexander MacLean may have been the inspiration for a character created by this author. For ten points each,

\* Name this author of *The Sea-Wolf*.

ANSWER: Jack **London** (accept John Griffith **Chaney**; accept John Griffith **London**)

\* Jack London may be best known for this novel about a formerly civilized dog who must come to terms with the "law of club and fang."

ANSWER: *The **Call of the Wild***

\* *The Call of the Wild* and *White Fang* took place during this event in Canada in which London took part while living in Dawson in 1897.

ANSWER: **Klondike Gold Rush**

(6) **This period contains the important holy day of Qadr night, and the start of this period typically depends on observing the crescent moon. This period begins in the month of Sha'ban and ends with *Eid al-Fitr*. Days during this period often begin with (\*) *suhur* and end with an *iftar*. Regarded as a pillar of Islam, this is, for ten points, what month commemorating the first revelation of Prophet Muhammad, a month of fasting observed by Muslims?**

ANSWER: **Ramadan** (or **Ramazan**; or **Ramzan**; or **Ramathan**)

(bonus) This man updated John Maynard Keynes's consumption function by arguing that average expenditures take into account both present and future income. For ten points each,

\* Name this Chicago School economist and advocate of "monetarism" who developed the permanent income hypothesis.

ANSWER: Milton **Friedman**

\* Milton Friedman called for the abolition of medical licenses in a work titled for this concept and freedom. Private ownership of production is central to this economic system.

ANSWER: **Capitalism** (accept **Capitalism and Freedom**)

\* Milton Friedman also argued for an income tax described by this term. That income tax would provide money for those below a threshold and tax those above it.

ANSWER: **Negative** income tax (prompt on "NIT")

(7) **One of these constructs is overlooked by the Mike O'Callaghan–Pat Tillman Memorial Bridge in the Black Canyon near Boulder City. Another of these projects was opposed by the Spokane tribe due to its lack of a fish ladder. The temples of Abu Simbel (\*) were relocated due to the construction of one of these features that created Lake Nasser.** For ten points, name these projects which include an example named Hoover between Nevada and Arizona.

ANSWER: **Dam** (accept Hoover **Dam**; accept Grand Coulee **Dam**; accept Aswan High **Dam**)

(bonus) As opposed to an impeller, these devices reduce pressure from a flowing liquid rather than vice versa. For ten points each,

\* Name these devices that come in gas and steam varieties. Their name derives from a Greek term meaning "vortex."

ANSWER: **Turbine** (accept Gas **turbine**; accept Steam **turbine**)

\* Another common type of turbine derives work from this material's energy. Its chemical symbol is H<sub>2</sub>O [[H-TWO-OH]].

ANSWER: **Water**

\* Water is considered the "universal" example of these substances which can be protic or aprotic.

ANSWER: **Solvent** (accept Universal **solvent**; accept Protic **solvent**; accept Aprotic **solvent**)

(8) **The endangered Asiatic variety of this animal is only found in Gir National Park in India where some 650 individuals remain. In 2015, trophy hunting of these mammals in Zimbabwe made the news due to the killing of Cecil, (\*)** after which these animals were listed as endangered. A member of the genus *Panthera*, for ten points, what big cat is often called the "King of the Jungle?"

ANSWER: **Lion** (accept Asiatic **Lion**; accept African **Lion**)

(bonus) A vaccine to combat this disease was developed by Louis Pasteur. For ten points each,

\* Name this viral disease, the spread of which is associated with bats and dogs.

ANSWER: **Rabies**

\* Bats and all other mammals are a member of this phylum whose members exhibit bilateral symmetry.

ANSWER: **Chordata** (accept **Chordates**)

\* This taxonomic class also belongs to the Chordata phylum. Frogs and newts are members of this class.

ANSWER: **Amphibians**

**Extra Question**

(1) A character with this profession is forced to share a bed with a Polynesian cannibal in an overcrowded inn at the start of one novel. Another character with this profession has a noticeable stutter and is hanged for the murder of Claggart. Queequeg's [[KWEE-kwegs]] (\*) coffin saves a character with this profession after the *Pequod* [[PEE-kwod]] is destroyed. Billy Budd works in, for ten points, what profession also held by Captain Ahab?

ANSWER: **Sailor** (accept clear knowledge equivalents; accept **Foretopman**; accept **Whaler** before "stutter"; prompt on "Whaler" after "stutter")

(bonus) An unofficial type of these efforts is known as their "straw" variety. For ten points each,

\* Name these efforts to ascertain public opinion based on participant votes.

ANSWER: **Polls** (accept Straw **polls**)

\* A prominent analyst of polls is this statistician who runs a website known as *TheFiveThirtyEight*.

ANSWER: Nate **Silver** (accept Nathaniel Read **Silver**)

\* Founded in 1935, this D.C.-based company is known for its public opinion polls, which have predicted every U.S. presidential election winner except Harry Truman in 1948.

ANSWER: **Gallup**, Inc. (accept **Gallup** poll)