

# Regional Academic Bowl – Round 1

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## First Quarter

(1) This series' protagonist was named after an animal at the London Zoo. Ernest Shepard's illustrations for these books were based on his son's teddy bear, Growler, rather than the author's son's toy. Characters in these books live in the Hundred Acre Wood, including a donkey named Eeyore and a tiger named Tigger. For ten points, name this children's series by A. A. Milne about Christopher Robin's honey-loving stuffed bear.

ANSWER: **Winnie-the-Pooh**

(2) The cruiser *Aurora*, which was anchored in this city, fired the shot that signaled the start of the October Revolution. This city, founded in 1703 on the Neva River delta, endured a 900-day siege by Nazi forces during World War Two. The Winter Palace is found in this city, which also houses the Hermitage Museum. For ten points, name this cultural capital of Russia which was renamed Petrograd in 1914 and later Leningrad in 1924.

ANSWER: **Saint Petersburg** (accept **Petrograd** or **Leningrad** before read)

(3) Pierre François Verhulst originally designed the logistic function to model the growth of this quantity. If this quantity exceeds the carrying capacity, resource scarcity can occur. The two primary models of this measurement are logistic and exponential, the latter of which can be the result of an invasive species. For ten points, give this term for the total number of a species in a single area.

ANSWER: **population** (accept **population** growth or similar answers)

(4) In 1994, two men stole this work from its country's national gallery and demanded a ransom payment of one million dollars for it. The creator of this artwork was inspired by a scene he witnessed while on a walk in which the sun turned the clouds "blood red." A fjord [[FYORD]] above Oslo is thought to have provided the setting of, for ten points, what painting by Edvard Munch [[MOONK]], in which the central figure appears to be yelling?

ANSWER: *The* **Scream** (or **Skrik**; or *Der* **Schrei** *der Natur*)

(5) Charles Brooke was the second of the White Rajahs of a state in this modern-day country. The first prime minister of this country was Tunku Abdul Rahman, who succeeded at incorporating the state of Sabah into it. Though not Indonesia or Brunei, British North Borneo became a part of this country. For ten points, name this Southeast Asian country where 1969 race riots occurred in Kuala Lumpur.

ANSWER: **Malaysia**

(6) Transformational theory is a branch of this field which was developed by David Lewin to mathematically analyze certain elements of it. Pythagoras and his disciples discovered the mathematical intervals of scales used in this field, and the "rudiments" of this field include key signatures, time signatures, and rhythmic notation. For ten points, name this academic discipline which studies concepts like tone and harmony in songs.

ANSWER: music theory

(7) A birthday present for one character created by this author consists of 25 toy soldiers made of tin. In another work by this author, a forest that includes polyps and whirlpools surrounds the Sea Witch. This author created a character who lives in an underwater kingdom before falling in love with a prince. For ten points, name this Danish author of stories and fairy tales such as "The Ugly Duckling" and "Thumbelina."

ANSWER: Hans Christian Andersen

(8) In this text, a race of giants called the Nephilim may either be the offspring of Cain or Seth. This text includes a rainbow which symbolizes a covenant between God and the creatures of the Earth. In Hebrew, this text is known as Bereshit, a word that translates to "in the beginning." The stories of Noah's Ark and Adam and Eve are found in, for ten points, what canonical first book of the Bible?

ANSWER: Book of Genesis (accept Bereshit before read)

## Second Quarter

(1) This metal forms a complex with cyanide that is used in blueprints as part of the pigment Prussian blue. An ore of this metal, which forms with oxygen, is called hematite, and the cast form of this metal was produced by the ancient Chinese. For ten points, identify this transition metal which reacts with oxygen to create brown-colored oxides called rust.

ANSWER: **iron** (accept **Fe**; accept **iron**-sulfur complex; accept **iron** ore; accept cast **iron**)

BONUS: The first inexpensive method of producing steel, the Bessemer process, used this type of iron, also called crude iron, which is made from smelting iron ore in a blast furnace and named for a farm animal.

ANSWER: **pig** iron

(2) Works in this medium can be made out of naturally occurring “moon milk” through the use of finger fluting. Works in this medium were made by blowing pigment out of a tube while using the hands as a stencil, and well-known artworks in this medium can be found in Spain at a site called Altamira. Aurochs and horses were depicted in many of, for ten points, what ancient art medium found in France’s Lascaux caves?

ANSWER: **cave paintings** (accept **cave art**; accept **cave drawings**; accept **rock** in place of "cave"; do NOT accept “petroglyphs”)

BONUS: While most cave paintings were created by homo sapiens, these other archaic humans, alongside Denisovans, were also known to create cave art before going extinct 40,000 years ago.

ANSWER: **Neanderthals** (or *Homo* **neanderthalensis**; or *H. sapiens* **neanderthalensis**)

(3) This state contains the town of Prairie du Sac, where the fast-food chain Culver's is headquartered. This state's largest city contains the headquarters of the Miller Brewing Company, and this state is the leading producer of cranberries in the United States. For ten points, name this midwestern state nicknamed "America's Dairyland," where fans of the Green Bay Packers are nicknamed "cheeseheads."

ANSWER: **Wisconsin**

BONUS: Although popular in Wisconsin, cheese curds are also used in poutine, a food dish incorporating french fries and gravy originating from this Francophone Canadian province.

ANSWER: **Quebec**

(4) Willem Johan Kolff and William DeVries were among the designers of the earliest of these objects, which was used in a 1982 procedure. VADs are distinguished from these objects because these are meant to entirely replace a specific organ. Unlike the cardiopulmonary bypass machine, these devices are internal solutions. For ten points, name these mechanical devices meant to replace a blood pumping organ.

ANSWER: **artificial hearts** (prompt on "artificial organ"; prompt on "heart")

BONUS: Robert Jarvik, who names the first successfully implanted artificial heart, was the center of a controversy in the mid-2000s for appearing in Lipitor commercials for this company. This pharmaceutical giant, with a German name, developed a COVID-19 vaccine with BioNTech.

ANSWER: **Pfizer** Inc.

(5) Described by its author as "a psalm of praise to life," this work includes such characters as the cavern-dwelling Happy Medium. A centaur-like species is found to inhabit Uriel in this work, in which IT is thought to be an avatar of the Black Thing. The central characters of this novel make use of a tesseract. Meg and Charles Murry teleport in space in, for ten points, what 1962 young adult fantasy novel by Madeleine L'Engle?

ANSWER: A **Wrinkle in Time**

BONUS: A 2018 film adaptation of *A Wrinkle in Time* featured this actress and longtime talk show host who runs an influential book club and starred in the first film adaptation of Alice Walker's *The Color Purple* in 1985.

ANSWER: **Oprah Winfrey** (accept either underlined part; or **Oprah** Gail **Winfrey**; accept Orpah Gail **Winfrey**)

(6) In a comic opera set in this country, a prisoner who is sentenced to death for flirting is appointed to the post of executioner. In one opera, an ambassador to this country, Sharpless, struggles to tell a new mother that her husband has remarried. Pinkerton abandons Cio-Cio-San [[CHOH-CHOH-SAHN]] in this country in a Giacomo Puccini opera. For ten points, name this country which serves as the setting of Gilbert and Sullivan's *The Mikado*, in which the emperor makes an appearance.

ANSWER: **Japan** (or **Nihhon**; or **Nippon**)

BONUS: Another of Gilbert and Sullivan's operas is about this type of naval bandit from Penzance. In the opera, these figures are opposed by a character who introduces himself as "the very model of a modern Major-General."

ANSWER: **pirates** (accept *The Pirates of Penzance*)

(7) The first working version of this device used two perpendicular wheels to track movement. The Alto was the first computer to widely use this device, which was demonstrated in "The Mother of All Demos" by Douglas Engelbart in 1968. Originally called the "X-Y Position Indicator for a Display System," this device's name came from its cord resembling a tail. For ten points, name this clickable pointing device used to select things on a computer display.

ANSWER: computer mouse (accept mice; or mouses)

BONUS: This tech company notably insisted on shipping its Lisa and early Macintosh computers with a single-button mouse, in contrast to other manufacturers' multi-button designs.

ANSWER: Apple Inc.

(8) One politician from this U.S. state was convicted of body-slammings journalist Ben Jacobs and replaced Steve Bullock in one role. This state's at-large Congressional district was split by the 2020 census and was last represented by Matt Rosendale. In the Senate, this state is represented by Steve Daines and Tim Sheehy, who recently defeated Democrat Jon Tester. For ten points, name this U.S. state, which is governed by Greg Gianforte from Helena.

ANSWER: Montana

BONUS: Four senate seats flipped in the 2024 election, including Tester's seat in Montana, Sherrod Brown's in Ohio, and retired Democrat Joe Manchin's seat in this state.

ANSWER: West Virginia

### Third Quarter

The categories are:

1. Novelists
2. Notable Andrews
3. Marine Animals

**Novelists**

Concerning notable novelists, name the...

(1) English novelist who manufactured several best-sellers in serialized newspaper form, with works like *A Tale of Two Cities* and *A Christmas Carol*.

ANSWER: Charles **Dickens** (or Charles John Huffam **Dickens**)

(2) Russian novelist who captured the agony of the Napoleonic attacks on Russia in *War and Peace*.

ANSWER: Leo **Tolstoy** (or Lev Nikolayevich **Tolstoy**)

(3) American novelist who painted anti-slavery narratives in *Uncle Tom's Cabin*.

ANSWER: Harriet Beecher **Stowe**

(4) Premier American postmodernist novelist who wrote *Cat's Cradle* and *Slaughterhouse Five*.

ANSWER: Kurt **Vonnegut**

(5) American novelist whose protagonist, Edna Pontellier, controversially opposes gender norms in *The Awakening*.

ANSWER: Kate **Chopin** (accept Katherine **O'Flaherty**)

(6) French author who poked at existential philosophy in *The Fall* and *The Rebel*.

ANSWER: Albert **Camus**

**Notable Andrews**

Concerning notable individuals with the first name Andrew, name the...

- (1) U.S. president who succeeded Abraham Lincoln and was impeached in 1868.

ANSWER: Andrew **Johnson**

- (2) Former governor of New York who resigned in 2021.

ANSWER: Andrew **Cuomo** (or Andrew Mark **Cuomo**)

- (3) Industrialist who became the richest man in the world after selling his steel company to J. P. Morgan.

ANSWER: Andrew **Carnegie**

- (4) U.S. politician who received a scar on his face as a prisoner of war during the American Revolution.

ANSWER: Andrew **Jackson**

- (5) English composer of *Joseph and the Amazing Technicolor Dreamcoat* and *Jesus Christ Superstar*.

ANSWER: Andrew Lloyd **Webber**

- (6) English metaphysical poet who wrote "To His Coy Mistress."

ANSWER: Andrew **Marvell**

**Marine Animals**

Concerning animals that live in the ocean, name the...

- (1) Flightless black and white birds whose species include the emperor, king, and gentoo.

ANSWER: **penguins** (accept emperor **penguin**; accept king **penguin**; accept gentoo **penguin**)

- (2) Eight-legged mollusk whose "mimic" variety can impersonate sponges and tube worms.

ANSWER: **octopus** (or **octopi**; accept mimic **octopus**)

- (3) Largest member of the dolphin family, which is the subject of the documentary *Blackfish*.

ANSWER: **orca** (accept **killer whale**)

- (4) Sticky arthropods that use "brown glue" to attach itself to the bottom of boats.

ANSWER: **barnacles**

- (5) Shrimp-like crustaceans that comprise the diet of blue whales.

ANSWER: **krills** (accept **Euphausiacea**)

- (6) Toothed whale dubbed the "unicorn of the sea" due to a long-spiraled tusk emerging from its jaw.

ANSWER: **narwhal** (or **Monodon monoceros**; accept **Monodon**)



#### Fourth Quarter

(1) **This country's site of Tel Megiddo is considered to be the biblical location of Armageddon. This country is also home to holy sites of the Bahá'í Faith in Acre, and that religion contains its headquarters in this country's city of (+) Haifa. This country also controls the Al-Aqsa Mosque and Dome of the Rock, as well as its "Arab Capital" of (\*) Nazareth.** For ten points, name this only majority-Jewish country in the world.

ANSWER: **Israel** (or **Yisra'el**)

(2) **Chest auscultation for this condition reveals crackles and rales. The bacterial type of this condition is usually caused by the genera *Haemophilus*, *Moraxella*, or (+) *Streptococcus*.** On a chest X-ray, this condition often appears as a patchy area of consolidation, indicating inflammation and fluid buildup in the (\*) pulmonary lobes. For ten points, name this inflammatory condition of the lungs.

ANSWER: **pneumonia**

(3) **Ebenezer Scrooge uses this adjective when addressing his former partner, and Mercutio describes himself in this way on how he will be "found tomorrow." A character with this surname helps conduct the namesake event in Shirley Jackson's (+) "The Lottery."** In a Neil Gaiman work, Nobody Owens lives in a yard filled with these places, and in the first book that Leisel steals in *The Book Thief*, this word precedes (\*) "digger" in the title. For ten points, name this ominous word that is also found in an Anton Chekhov work about a cemetery.

ANSWER: **grave** (accept **graveyard**; accept **gravedigger**)

(4) **A member of this family was prime minister during the passage of his country's "Charter of Rights and Freedoms." The SNC-Lavalin affair affected a leader (+) from this family, another member of whom was prime minister during the October Crisis. That prime minister's son from this family dealt with the 2022 (\*) Convoy Protest.** For ten points, Pierre and Justin have been prime ministers of Canada from what family?

ANSWER: **Trudeau** [[troo-DOH]] family (accept Joseph Philippe Pierre Yves Elliott **Trudeau**; accept Justin Pierre James **Trudeau**)

(5) **The "dead" variety of these object is used to attach a diacritic to the base of a feature. One of these things which sends the cursor to the beginning of a section is the "home" variety (+) of these objects. Capitalization is made possible through the use of the "shift" variety of these things. (\*)** For ten points, name these objects found on a namesake "board" of a computer.

ANSWER: computer **keys** (accept **keyboard**)

(6) **Planning for this structure began when Eugene Goossens lobbied Joseph Cahill to launch a design competition. Sergei Prokofiev's *War and Peace* was the first production in this structure, which served as the focal point for the triathlon events at the (+) 2000 Summer Olympics. Jørn Utzon [[YORN OOT-son]] designed this structure to occupy the whole of Bennelong Point near Government House and the (\*) Royal Botanic Gardens. For ten points, name this performing arts center located in the largest city of Australia.**

ANSWER: **Sydney Opera House** (prompt on partial answers)

(7) **Mayor James Hahn of this city led a campaign against the proposed secession of its northwestern San Fernando Valley. Developer Rick Caruso ran for mayor of this city in an election against Karen Bass. (+) Ambassador to India Eric Garcetti was mayor of this city from 2013 to 2022, which will host skating events at Venice Beach in the 2028 (\*) Summer Olympics. For ten points, name this most populous city in California.**

ANSWER: **Los Angeles** (accept **L.A.**)

(8) **The number of points along any given triangle that one of these shapes can pass inspired the name of its "nine-point" variety. A line segment between points on these shapes is called a (+) chord, and a region of a plane bounded by one of these shapes is a disc. The formula "2-pi-r" gives the measurement of this shape's (\*) circumference. For ten points, name these perfectly round shapes.**

ANSWER: **circles**

### Extra Question

(1) **Immigrants from this country were largely processed on Angel Island and formed the majority of laborers who created the Central Pacific Railroad. The United States supported the (+) "Open Door Policy" in regard to this nation, which was reaffirmed after the failure of the (\*) Boxer Rebellion. For ten points, name this Asian country whose immigrants established namesake "towns" in San Francisco and other western U.S. and Canadian communities.**

ANSWER: **China** (or **Zhōngguó**; accept Qing **China**)

BONUS: The Battles of Tewkesbury and Bosworth Field occurred during this 15th-century war between the houses of Lancaster and York.

ANSWER: Wars of the **Roses**