

Regional Academic Bowl Round 2

Round 2 First Half

(1) This site's Sarsens were sourced from West Woods, near Marlborough. The antiquarian John Aubrey gave his name to a set of 56 chalk pits surrounding this site. According to Geoffrey of Monmouth, objects at this site were brought from Ireland with help from the wizard Merlin. This site is significant among modern Pagans due to its alignment with the solstice. For ten points, name this prehistoric monument located near Salisbury, England.

ANSWER: **Stonehenge**

(bonus) This man's distaste for both organized faith and true atheism led to his formulation of the "Cult of Supreme Being." For ten points each,

* Name this lawyer and politician whose Committee of Public Safety began the Reign of Terror in France.

ANSWER: Maximilien **Robespierre**

* Robespierre's regime was overthrown in a "Reaction" named for this month in the French Republican calendar.

ANSWER: **Thermidore** (accept **Thermidorean** Reaction)

* Robespierre passed the abolition of slavery, but it only applied to Guadeloupe, French Guyana, and this modern-day Caribbean nation, once known as St. Domingue [[sahn-doh-MAHNG]].

ANSWER: Republic of **Haiti**

(2) This city is home to a Daniel Burnham-designed tower that was built as a triangular prism to fit a narrow intersection. This city, home of the Flatiron Building, also has major entertainment venues at Carnegie Hall and Radio City Music Hall. Important skyscrapers in this city include the Chrysler Building and One World Trade Center. For ten points, name this most populous city in the U.S., home to the Empire State Building and the Statue of Liberty.

ANSWER: **New York** City (or **NYC**)

(bonus) The United States is home to one of the oldest mountain ranges in the world. For ten points each,

* A trail beginning in Maine and extending southward to Georgia runs the length of this namesake mountain range.

ANSWER: **Appalachian** Mountains (or **Appalachians**)

* This subrange of the Appalachians in New Hampshire and Maine is home to Mount Monadnock and the fictional town of Grover's Corners.

ANSWER: **White** Mountains

* John Brown conducted an 1859 raid at Harpers Ferry, the junction of the Potomac and Shenandoah Rivers that lies within the boundaries of this present-day state.

ANSWER: **West Virginia**

(3) A man prominently holds one of these objects on the lower right side of El Greco's *View and Plan of Toledo*. Martin Waldseemüller [[vahl-deh-seh-MYOO-lehr]] printed many of these objects and added a set of them to his edition of a book by Ptolemy. Johannes Vermeer included a large one of these objects in the background of *The Art of Painting*, and part of one of these objects is visible on the back wall in his painting *The Geographer*. For ten points, name these objects which are collected in an atlas.

ANSWER: **Maps** (accept City **Maps** before "Ptolemy")

(bonus) In this film, Marlon Brando portrays the head of a crime family who says he'll make a rival "an offer he can't refuse." For ten points each,

* Name this 1972 film about the Corleone Family, including members like Michael and Vito.

ANSWER: *The* **Godfather**

* *The Godfather* was directed by this man, who also directed *Apocalypse Now*.

ANSWER: Francis Ford **Coppola**

* This fruit appears on screen in *The Godfather* multiple times shortly before a death occurs, including one scene in which the Godfather himself uses the peel of this fruit to make a funny face at his grandson.

ANSWER: **Oranges**

(4) The Toba hypothesis argues that one of these structures caused a bottleneck population catastrophe in ancient human history. Fragmentary material produced by these structures is called tephra. Crater Lake was formed by the collapse of one of these structures, which dot the Pacific Ocean in the Ring of Fire. For ten points, name these mountains which sit atop magma chambers and release lava.

ANSWER: **Volcanoes** (accept **Volcanic** Eruption; prompt on "Mountains")

(bonus) Rotating storm systems with a low-pressure center, strong winds, and heavy storms are generally referred to as "Tropical cyclones," but their names vary throughout the world based on wind speeds. For ten points each,

* What is the term for a tropical cyclone with one-minute sustained winds over 75 miles per hour in the North Atlantic and Eastern Pacific?

ANSWER: Category 1 **Hurricane**

* What is the term for the same size tropical cyclone when it is located in the Western Pacific or North Indian Ocean?

ANSWER: **Typhoon**

* What is the term for a tropical cyclone in the North Atlantic with one-minute sustained winds of 37-38 miles per hour, the lowest classification of tropical cyclone in that part of the world?

ANSWER: Tropical **Depression** (do not accept "Tropical Storm")

(5) A character in this work is seen through the window of a house playing cards with Mr. Pilkington. A different character in this work is taken away to a glue factory and lives by the mantra, "I will work harder." Boxer dies after trying to build a windmill in this novella, in which the death of Old Major sparks a power struggle between the pigs Napoleon and Snowball. For ten points, name this novella, an allegory of the Russian Revolution by George Orwell.

ANSWER: **Animal Farm**: *A Fairy Story*

(bonus) Arcite [[ar-SIT-eh]] and Palamon [[PAH-lah-mon]] duel over the love of Emelye [[EM-ih-lee]], the sister of Duke Theseus, in a story told by this man. For ten points each,

* Name this occupationally-named nobleman, who fought in fifteen crusades and begins a set of Middle English "Tales" told at a wayrest?

ANSWER: The **Knight**

* "The Knight's Tale" is told to pilgrims staying in the Tabard Inn on their pilgrimage to this English city, which also names the Geoffrey Chaucer work in which they appear.

ANSWER: **Canterbury** (accept *The Canterbury Tales*)

* Sometimes known as Alyson, this gap-toothed Chaucer character tells a tale in which a knight hopes to discover "What women truly want," later discovering it is to be sovereign over men.

ANSWER: **Wife of Bath**

(6) In Wuxing [[WOO-SHING]], this classical element was the second of five phases and represented prosperity. The Greek philosopher Heraclitus [[heh-RACK-lit-us]] believed this classical element was the world's *arche* [[AR-kay]], or origin. In Sanskrit, the word *Agni* refers to this classical element and its associated Hindu deity. For ten points, name this classical element which, in Greek myth, was stolen from the gods and given to humanity by Prometheus.

ANSWER: **Fire**

(bonus) This region's myth system includes tales about the godlike Tuatha Dé Danann [[TOO-ah deh DAH-nahn]] and the underworld Tír na nÓg [[TEER-nah-nog]]. For ten points each,

* Name this Celtic island whose stories are told in the Fenian and Ulster Cycles, as well as the tale of St. Patrick.

ANSWER: **Ireland** (accept Republic of **Ireland**; accept **Éire**)

* Cu Chulainn [[koo-KUL-in]], the hero of the Ulster Cycle, wielded the *Gáe Bulg* [[gay-BULG]], a barbed weapon of this type given to him by the woman warrior Scáthach [[SKAH-hahk]].

ANSWER: **Spear** (accept **Javelin**)

* Queen Medb [[MAVE]] was opposed by Cu Chulainn alone in *The Cattle Raid of Cooley*, a tale which has been dubbed the "Irish [this work]." This epic was written by a blind poet and is set during the Trojan War.

ANSWER: The **Iliad**

(7) This element acts as a catalyst for the synthesis of hydrogen and nitrogen into ammonia in the Haber-Bosch [[HAH-ber-BOSH]] process. When bound to sulfide, this element forms pyrite, also known as "fool's gold." Along with cobalt and nickel, this element's pure form exhibits a namesake type of magnetism. When alloyed with carbon, this element forms steel. For ten points, name this metal which, when oxidized, produces red rust.

ANSWER: **Iron** (accept **Ferrum**)

(bonus) Many alloys of metals have been developed throughout history to allow mankind to more readily utilize specific properties of metals. For ten points each,

* Bronze is an alloy consisting mostly of this element, the primary component of Lincoln pennies.

ANSWER: **Copper**

* Copper is combined with this element to make brass.

ANSWER: **Zinc**

* Another alloy of copper known as "phosphor bronze," consists of copper, phosphorus, and this element with atomic number 50 and symbol Sn.

ANSWER: **Tin**

(8) In 2018, this state's Secretary of State refused to recuse himself from overseeing the gubernatorial election he later won. This state's election laws sparked criticism from locally-based companies such as Delta Airlines and Coca Cola. In January of 2021, Democrats Raphael Warnock and Jon Ossoff won a pair of Senate seats from this state. For ten points, name this Deep South state in which Brian Kemp has governed from Atlanta.

ANSWER: **Georgia**

(bonus) In the case *United States v. Cruikshank*, the court ruled that this amendment existed solely to restrict the powers of the federal government. For ten points each,

* Name this amendment which guarantees an individual's right to bear arms.

ANSWER: **Second** Amendment to the United States Constitution (or Amendment **Two**)

* The Second Amendment is included in the Bill of Rights, primarily crafted by this future president.

ANSWER: James **Madison**

* In 2008, this federal enclave's ban on handguns was deemed unconstitutional in a case brought against Dick Heller.

ANSWER: Washington, **D.C.** (accept **District of Columbia**)

Round 2 Halftime

The categories are:

1. Romeo and Juliet
2. Roman Emperors
3. Physical constants

Romeo and Juliet

Concerning the 1597 play *Romeo and Juliet*, name the...

(1) Writer of the play, also known for works like *Hamlet* and *Macbeth*.

ANSWER: William **Shakespeare**

(2) Family to which Romeo belongs, the rival of the Capulets.

ANSWER: **Montagues**

(3) Cousin of Juliet whom Romeo kills in a duel.

ANSWER: **Tybalt**

(4) "Fair" city where the play begins.

ANSWER: **Verona**

(5) Friar and adviser to Romeo who facilitates his marriage.

ANSWER: Friar **Laurence**

(6) Unseen niece of Lord Capulet and unrequited love interest of Romeo.

ANSWER: **Rosaline**

(7)

ANSWER:

(8)

ANSWER:

Roman Emperors

Regarding Roman emperors, name the...

(1) Emperor who apocryphally played the fiddle during the Great Fire of Rome in 68 AD.

ANSWER: **Nero**

(2) Emperor who erected a namesake wall in modern-day Britain.

ANSWER: **Hadrianus**

(3) First Roman emperor who created the Second Triumvirate with Marcus Lepidus and Mark Antony.

ANSWER: Caesar **Augustus** (accept **Octavian**; accept Gaius **Octavius** Thurinus)

(4) Last of the Five Good Emperors who authored the Stoic book *Meditations*.

ANSWER: **Marcus Aurelius**

(5) Final ruler in the Year of the Four Emperors and founder of the Flavian dynasty.

ANSWER: **Vespasianus**

(6) Last Flavian who succeeded his brother Titus and was assassinated for his authoritarianism in 96 AD.

ANSWER: **Domitianus**

(7)

ANSWER:

(8)

ANSWER:

Physical constants

Name the constant which is...

(1) Symbolized "c," a "universal speed limit."

ANSWER: **Speed of light**

(2) Found in an equation to find the force between two massive bodies.

ANSWER: **Universal gravitation** constant (or **Big G**; prompt on "G"; prompt on "gravity")

(3) Symbolized "e," the electric charge carried by a single proton.

ANSWER: **Elementary** positive charge

(4) Named for a German Nobel Prize winner, approximately equal to 6.6 times 10 to the minus 34.

ANSWER: **Planck's** constant (accept Max **Planck**)

(5) The number of molecules in a mole of a substance, or 6.022 times ten to the twenty-third.

ANSWER: **Avogadro's** number (accept **N**; accept **Avogadro's** constant)

(6) The constant which characterizes the polarizability of a dielectric, contrasted with permeability.

ANSWER: Absolute **Permittivity**

(7)

ANSWER:

(8)

ANSWER:

Round 2 Second Half

(1) In the preface to this novel, a manuscript written by Jonathan Pue [[PYOO]] is found in the Custom House. One character in this novel tries to wash off a kiss in a brook, and Governor Bellingham allows that character in this novel to stay with her mother. In this novel, Roger Chillingworth discovers Reverend Dimmesdale to be the true father of Pearl. For ten points, name this novel in which the adulterous Hester Prynne wears the title "A," written by Nathaniel Hawthorne.

ANSWER: *The **Scarlet Letter***

(bonus) Shortly after the repressed bookkeeper Homer Simpson attacks a boy in this novel, a riot breaks out near Mr. Khan's Pleasure Dome. For ten points each,

* Name this novel by Nathanael West, whose title is an allusion to Exodus and which follows Tod Hackett's experience as a set painter in the Los Angeles film industry.

ANSWER: *The **Day of the Locust***

* *The Day of the Locust* is largely set in this neighborhood in L.A. known for its film production.

ANSWER: **Hollywood**

* In *The Day of the Locust*, Tod Hackett watches a scene being shot of a recreation of this major battle. The scene represents the beginning of the end for middle-class America just as this 1815 battle was the beginning of the end for Napoleon.

ANSWER: Battle of **Waterloo**

(2) Eudoxus [[yoo-DOX-us]] developed a precursor to this discipline with his "method of exhaustion" which calculated the area of a shape by breaking the shape into infinite pieces of known area. This subject's first fundamental theorem was proved in the seventeenth century and related a function's integral to its derivative. Gottfried Leibniz [[LIBE-nits]] and Isaac Newton independently developed, for ten points, what discipline of mathematics which studies functions, limits, and continuous change?

ANSWER: **Calculus** (accept Infinitesimal **Calculus**, Differential **Calculus**, or Integral **Calculus**)

(bonus) There are many kinds of graphical charts with which one can represent statistics. For ten points each,

* What kind of chart can be called a donut chart if it has an empty center but is usually named for a different dessert?

ANSWER: **Pie** chart

* Name the chart or graph, sometimes called a "column chart" which utilizes proportional rectangles to represent values.

ANSWER: **Bar** chart (or **Bar** graph)

* What is the seven-letter word which identifies a plot on which values for two variables are plotted using Cartesian coordinates?

ANSWER: **Scatter**

(3) This country was dominated by "coffee with milk" politics at the turn of the 20th century. In 1888, Princess Isabel ended slavery in this country by signing the Golden Law on behalf of her father, Emperor Pedro II. Getúlio Vargas [[zheh-TOO-lyoo VAR-gus]] fabricated a Communist plot to overthrow this country's government, allowing him to replace the constitution and begin an "Estado Novo." For ten points, name this large South American country, a former Portuguese colony.

ANSWER: Federative Republic of **Brazil** (accept Empire of **Brazil**)

(bonus) Name some exploits of the Sea Peoples. For ten points each:

* The Sea Peoples invaded Egypt during its "New Kingdom" period, at the time ruled by the third pharaoh of this name. The second pharaoh of this name is often styled "The Great."

ANSWER: **Ramesses** (accept **Ramesses II**; accept **Ramesses III**)

* Part of the makeup of the Sea Peoples may have been this Greek civilization associated with the Trojan War. This civilization, which spoke Greek and wrote in Linear B, collapsed due to the Dorian invasion.

ANSWER: **Mycenaean** Civilization

* Ramesses III stopped the largest invasion by the Sea People in this naval battle, named for its location at the mouth of the Nile River.

ANSWER: Battle of the **Delta**

(4) In one song about this city, Marc Cohn describes meeting Muriel at the Hollywood Cafe and asks if W.C. Handy is looking down on him. Another song about a famous home in this city begins, "The Mississippi Delta is shining like a National guitar." Booker T. and the M.G.s, Johnny Cash, and B.B. King all recorded at Sun Studio on Beale Street in this city. For ten points, name this Tennessee city, the former home of Elvis Presley.

ANSWER: **Memphis**, Tennessee

(bonus) The Burgundian form of this musical genre was first popularized by Guillaume de Machaut [[gee-YOM duh mah-SHOH]]. For ten points each:

* Name this polyphonic style of Medieval music, often about secular topics. Its name is the French word for "song."

ANSWER: **Chansons** [[shahn-SOHN]]

* A popular *Chanson* was about this paladin who blew his ivory horn, *oliphant*, to triumph over a Saracen army.

ANSWER: **Roland** (accept **Orlando**; accept *The Song of **Roland***; accept *La Chanson de **Roland***)

* This French composer of *Clair de Lune* later revived the genre of *Chansons* through a piece dedicated to Charles d'Orléans.

ANSWER: Claude **Debussy**

(5) One theologian from this complex of territories wrote the hymn "A Mighty Fortress Is Our God." This state hosted the 1521 Diet of Worms [[DEE-et of VURMS]], whose famous edict signaled the first overt schism of the Protestant Reformation. The Edict of Worms denounced a theologian from this empire best known for nailing his *Ninety-five Theses* to a church door in Wittenberg. For ten points, name this empire in which Martin Luther was born, whose dissolution led to the creation of modern Germany.

ANSWER: **Holy Roman** Empire (accept **Sacrum Imperium Romanum** or **Heiliges Romisches Reich**; prompt on "Germany," "German Empire," or "Deutschland" before mentioned)

(bonus) This man's mother, Maya, had a dream about his birth which included a white elephant holding a white lotus flower. For ten points each,

* Name this religious figure who described the Eightfold Path, the route to escaping the cycle of reincarnation.

ANSWER: The **Buddha** (accept either or both **Siddhartha** or **Gautama**)

* The Buddha described reaching this form of enlightenment once *Dukkha*, or "Suffering," ceases to occur. Bodhisattvas [[boh-dee-SAHT-vahs]] aspire to reach this state of being.

ANSWER: **Nirvana** (accept **Nibbana**)

* Traditionally considered the first teachings given by Buddha are these "truths." What is the English term for these revelations, including *dukkha* and three others.

ANSWER: **Four Noble** Truths (or Truths of the **Noble Ones**)

(6) A process of "editing" these molecules allows cephalopods such as octopi to rapidly adapt to new environments. These molecules can take the form of stem or hairpin loops. Along with proteins, these molecules make up the subunits of ribosomes. These molecules come in messenger and transfer types, and, unlike a similar compound, contain uracil instead of thymine. For ten points, name this single-stranded nucleic acid which is transcribed from DNA.

ANSWER: **RNA** (or **Ribonucleic** acid)

(bonus) These organisms live symbiotically with a dinoflagellate species known as Zooxanthellae [[zoh-oh-zan-THELL-ee]]. For ten points each,

* Name these marine invertebrates which form the basis of the ecosystem known as their namesake "Reefs."

ANSWER: **Corals**

* Coral are in this phylum which includes Sea Anemones.

ANSWER: **Cnidarians** [[nih-DARE-ee-uns]]

* Chemical imbalance or oceanic temperature changes can lead to this type of collapse to colonies of coral, with the corals turning white after expelling algae from their systems.

ANSWER: Coral **Bleaching**

(7) A Smithsonian collection about these people was started in 1912 and features possessions including their clothing, furniture, and signature china dishes. Emily Donelson held this position during the term of her uncle, while Mary Arthur McElroy held this role during the term of her brother, Chester. The East Wing of the White House is traditionally home to, for ten points, what position typically held by the wife of the U.S. president?

ANSWER: **First Lady** of the United States (or **First Ladies**; accept **FLOTUS**; prompt on "wife of the president" or similar answers)

(bonus) This incident is sometimes named for the targeted ship, the USS *Maddox*. For ten points each,

* Name this geographically-named incident which led to increased U.S. involvement in Vietnam. A second engagement with this name may have been fabricated by the CIA.

ANSWER: Gulf of **Tonkin** Incident

* The Gulf of Tonkin Incident led to a late night address by this sitting U.S. president, who was earlier inaugurated on Air Force One after the assassination of John F. Kennedy.

ANSWER: **Lyndon Baines Johnson** (or **LBJ**)

* Robert McNamara, a man in this Cabinet position, later admitted to having zero knowledge of the Gulf of Tonkin incident before presenting information about it.

ANSWER: Secretary of **Defense**

(8) A play by this author, which is an extensive reworking of his earlier play *The Wood Demon*, features a scene in which a professor attempts to shoot the title uncle. Anya falls in love with the “eternal student,” Peter Trofimov, in another play by this author of *Uncle Vanya*. This author’s best known play ends with the auctioning of Madame Ranevskaya’s estate and the sound of offstage axes cutting trees. For ten points, name this Russian playwright of *The Cherry Orchard*.

ANSWER: Anton **Chekhov**

(bonus) Rafael Palacios illustrated this author’s *Guide to the Bible*, which includes various descriptions of deuterocanonical books. For ten points each,

* Name this Russian-American sci-fi writer who published the *Foundation* series.

ANSWER: Isaac **Asimov**

* Asimov posited “Three Laws” concerning these automatons, stating that they cannot injure their human masters and must protect their own existence.

ANSWER: **Robots**

* The term “Robot” was first coined by this Czech writer in his play *R.U.R.* He also wrote *War with the Newts*.

ANSWER: Karel **Čapek** [[kah-REHL CHAH-pek]]

Extra Question

(1) John Howard published *The State of* [these places], presented as a report to the House of Commons that promoted organization and cleanliness in these facilities. Michelle Alexander described the cycle of minority males returning to these facilities in *The New Jim Crow*. Jeremy Bentham theorized one of these facilities known as *Panopticon*, in which a guard can see every detained individual at once. For ten points, name these places that house criminals.

ANSWER: **Prisons** (accept **Jails**; accept **Penitentiaries**)

(bonus) The creator goddess Nuwa cut off the legs of this type of animal and replaced them with four equal pillars. For ten points each,

* Name this type of animal, which includes Ao [[OW]], a creature used by Nuwa to support the world in Chinese myth.

ANSWER: **Turtle** (accept **Tortoise**)

* People of this Native American confederacy believe in the "Big Turtle," who harbored the creator deity Sky Woman. These North American people believe in a thunder spirit named He-No who lives under Niagara Falls.

ANSWER: **Iroquois** (accept **Haudenosaunee** [[hoh-den-oh-SHOH-nee]])

* In the art of antiquity, this Greek goddess of beauty is often shown stepping on turtles, which represent fertility.

ANSWER: **Aphrodite** (do not accept or prompt on "Venus")