Playoff Round 2

Tossups

(Tossup 1) In this country, the assassination of Jorge Eliecer Gaitan in 1948 sparked a 10-year long civil war called La Violencia. This country was the site of the Thousand Days' War, which was ended by a naval envoy under Theodore Roosevelt. The Hay-Herran Treaty between the US and this country attempted to give the US control over the Panama Canal. This country was the home of Pablo Escobar's Medellin Cartel. For the point, name this country with capital at Bogota.

ANSWER: Republic of **Colombia** (or Republica de **Colombia**)

(Tossup 2) In this work, the lawyer Mr. Carmichael defends a character who requests for his son to be named Peter. The main character of this work is assisted by Msimangu and finds his sister Gertrude working as a prostitute after journeying from his home village of Ndotsheni. At the end of this work, Absalom is executed for the murder of Arthur Jarvis in Johannesburg. For the point, name this work featuring Reverend Stephen Kumalo by Alan Paton.

ANSWER: **Cry, the Beloved Country**

(Tossup 3) The Hubble Space Telescope found that 25% of the mass of this astronomical body was water ice, which would be more freshwater on this body than there is on Earth. Along with Vesta, this spherical body was visited by the Dawn spacecraft in 2015. It was first spotted by Giuseppe Piazzi in 1801, although he wrongly believed that it was a comet. This is the largest object in the asteroid belt. For the point, name this largest dwarf planet in the Milky Way, named for the Roman goddess of grain.

ANSWER: **Ceres**

(Tossup 4) This graduate of USC fashioned his own Santa Monica home from unconventional materials like chain-link fencing and corrugated steel. This man nicknamed one of his buildings "Fred and Ginger." Fellow architect Phillip Johnson dubbed a Spanish art museum designed by this man "the greatest building of our time." For the point, what Canadian-born architect designed the Dancing House in Prague, the Guggenheim Museum in Bilbao, and the Walt Disney Concert Hall in Los Angeles?

ANSWER: Frank **Gehry**

(Tossup 5) Under Roman rule, this island was combined with Cyrenaica into a single province governed from this island's city of Gortyn. A civilization on this island may have been devastated by the Thera eruption. Sir Arthur Evans discovered an undeciphered writing system on this island known as Linear A. The city of Heraklion on this island is where the palace of Knossos is located. The Minoan civilization was primarily located on, for the point, what largest and most populous Greek island?

ANSWER: **Crete**

(Tossup 6) The common theory for these entities was developed by Zermelo and Frankel and involves the axiom of choice. Russell's paradox asks whether one type of these entities contains itself, and countably infinite objects of this type have a larger cardinality than finite ones. They can be combined through union or intersection, and they are often visualized with Venn diagrams. For the point, name this term for a collection of unordered and non-repeating elements.

ANSWER: **set** (accept infinite or finite **set**)

(Tossup 7) This author instructed that one of his autobiographical works was not to be published until 25 years after his death. A work by this author features the brothers Andrew and Robert and won the 1920 Pulitzer Prize. This author of *Beyond the Horizon* also wrote a work that takes place over a single day in 1912 in which the morphine-addicted Mary initially refuses to believe that Edmund has tuberculosis. For the point, name this author of *Long Day's Journey into the Night*.

ANSWER: Eugene **O'Neill**

(Tossup 8) This religious movement adopted their current name under Joseph Rutherford. This religious group believes that after Armageddon, exactly 144,000 people will be allowed into heaven. The Watchtower is the central publication of this religious movement. Their houses of worship are called "Kingdom Halls" and their members can serve as "pioneers". Charles Taze Russell founded, For the point, this Christian sect consisting of namesake door-to-door preachers.

ANSWER: **Jehovah's Witnesses**

(Tossup 9) This quantity's partial derivative with respect to mole fraction is the chemical potential. This quantity is equal to the negative of number of moles of electrons times the Faraday constant times the cell potential, and also the change in enthalpy minus the product of temperature and the change in entropy. For the point, name this chemical value named for an American scientist whose sign determines the spontaneity of a reaction, symbolized G.

ANSWER: **Gibbs free energy** (accept **Gibbs energy** or **Gibbs function**)

(Tossup 10) One populist leader in this country is nicknamed "The Captain" by his supporters and serves as Deputy Prime Minister. This country's Prime Minister leads a coalition of the Five Star Movement and the League. That leader from this country has refused to rescue migrants who attempt to travel on overcrowded boats from Libya to this country's island of Sicily. Matteo Salvini and Giuseppe Conte are leaders of, for the point, what country with capital at Rome?

ANSWER: **Italy**

(Tossup 11) At the beginning of this battle, Nathan Evans led a defense of Matthew's Hill. The arrival via railway of reinforcements led by Joseph Johnston marked the turning point of this battle. A defense of Henry House Hill during this battle led Thomas Jackson to be nicknamed "Stonewall". Confederate forces under P.G.T Beauregard defeated Irwin McDowell's Union Army in, for the point, what first major battle of the American Civil War?

ANSWER: **First Battle of Bull Run** (Accept **First Battle of Manassas**

(Tossup 12)   This figure does battle with a woman who transforms into a wolf, eel, and heifer. That woman had earlier revealed herself as Morrigan. This figure kills his son Connla when he refused to identify himself. This figure challenges Fergus mac Roich during an event where he defends Donn Cuailnge from Queen Maeve at the Cattle Raid of Cooley. For the point, name this wielder of the Gae Bolg, an Irish folk hero also known as the Hound of Ulster.

ANSWER: **Cu Chulainn**

(Tossup 13)   This painting inspired a poem by Wolf Wondratschek which imagines two figures as an estranged couple. A building with half drawn blinds and a cash register in the first floor display window can be seen in this painting. It was inspired by a location in Greenwich village, and it depicts a red-headed woman and two men seated in a diner with no visible exit. An advertisement for Phillies cigars appears in, For the point, what painting by Edward Hopper?

ANSWER: **Nighthawks**

(Tossup 14)   This author coined the term "willing suspension of disbelief" in his work *Biographia Literaria*. A poem by this author addresses "My pensive Sara!" and is titled *The Eolian Harp*. A character says "With my crossbow, I shot the Albatross" in one of this man's works while another one of his works describes "a stately pleasure-dome" in Xanadu. For the point, name this author of *Rime of the Ancient Mariner* and *Kubla Khan*.

ANSWER: Samuel Taylor **Coleridge**

(Tossup 15)   In 2001, the Kizuna Bridge was constructed over this river. This river's confluence with the Ruak River is an infamous drug-producing region called the Golden Triangle. An upper section of this river is known as the Lancang river. The Tonle Sap lake both flows into and drains this river. Capitals located along this river include Vientiane and Phnom Penh. For the point, name this river that flows through most of Southeast Asia before emptying into the sea in Vietnam.

ANSWER: **Mekong** River

(Tossup 16)   This event was followed by a fern spike in the geologic record. A layer of iridium provides evidence for one theory for the cause of this event known as the Alvarez hypothesis. The source of this event is thought to be the Chicxulub crater on the Yucatan peninsula. It occurred at the end of the Mesozoic era after which mammalian species greatly diversified. For the point, name this event that occurred around 65 million years ago that was most likely caused by a large asteroid impact.

ANSWER: **extinction** of the **dinosaurs** or **K-Pg extinction** event or **K-T extinction** (accept **Cretaceous-Tertiary extinction** event or **Cretaceous-Paleogene extinction** event; accept logical equivalents like an asteroid killing the dinosaurs)

(Tossup 17)   Alternative names for this group included Ganonsyoni and Rotinonsionni. Along with Loyalists, this group was targeted by the Sullivan Expedition during the American Revolution. This group fought the French, Huron, and Algonquin in the Beaver Wars and was first led by the "Great Peacemaker" Dekanawidah and Hiawatha. For 10 points, name these "people of the longhouse" that consisted of six Native American tribes.

ANSWER: **Iroquois** (accept **Haudenosaunee** or **Five Nations** or **Six Nations**)

(Tossup 18)   This is the location of an experiment where children who were able to resist the instant gratification of marshmallows grew up to obtain higher GPAs and levels of education. "Inmate 8612" experienced a mental breakdown while part of an experiment that happened in this place. In this location, "John Wayne" and other guards abused the prisoners, leading that experiment to be canceled one week early. For the point, name the California University where Phillip G. Zimbardo conducted his famous prison experiment.

ANSWER: **Stanford** Univeristy

(Tossup 19)   In this novel, a character is made the Governor of Coventry Island after finding out that his wife had an affair. A character in this novel plays Clytemnestra in a game of acting charades and may have murdered Jos for his life insurance. William Dobbin marries a woman whose first husband, George Osborne, is killed during the Battle of Waterloo in this novel. Amelia Sedley and Becky Sharp appear in, for the point, what "novel without a hero" by William Makepeace Thackeray?

ANSWER: **Vanity Fair**

(Tossup 20)   The Japanese theorem deals with triangulated versions of these objects. Regular types of these objects have apothems whose length can be modeled using the radius of a circle inscribed in one of these objects. The interior angles of a simple one of these mathematical objects add up to the product of n minus 2 and 180, where n is the number of sides of one of these objects. The faces of a polyhedron are made up of, for the point, what two-dimensional shapes with straight line edges?

ANSWER: **polygon**s (anti-prompt on specific types of polygons such as quadrilaterals)

(Tossup 21)   These events took place 40 times over a 12 year period. These events were intended as a means of bypassing the news media which were largely controlled by the speaker's opponents. When the speaker at these events realized that a gap in his teeth made a whistling sound while he was speaking, he had a removable dental piece made specifically for these broadcasts. For the point, what series of presidential radio addresses were delivered by a US President during the 1930s and 1940s?

ANSWER: FDR's **Fireside chats** (Both of these specific words must be used, though the president's name is optional)

(Tossup 22)   This mountain can cause lahars which threaten the Puyallup River valley surrounding it. One such event was the Osceola mudflow that occurred on this mountain. Columbia Crest is this mountain's highest point, while its Paradise region is known for holding the record for highest measured snowfall in 1971 to 1972. For the point, name this active stratovolcano in the Cascades mountain range, also Washington's tallest mountain.

ANSWER: **Mount Rainier**

(Tossup 23) This man was inspired by Beethoven and Goethe to compose a concert overture titled Calm Sea and Prosperous Voyage. At the age of 16, this man composed his String Octet in E Flat Major. This composer's travels in the north of Britain inspired his Scottish Symphony and Hebrides [HEH-bri-deez] concert overture, also known as Fingal's Cave. For the point, name this composer whose incidental music to A Midsummer Night's Dream includes a celebrated Wedding March?

ANSWER: Jakob Ludwig Felix **Mendelssohn** Bartholdy

(Tossup 24) The presence of this disease can be seen by neurons containing alpha-synuclein, called Lewy Bodies. The substantia nigra is damaged in this disease, destroying dopamine-producing cells. Commonly treated by L-Dopa, For the point, name this neurodegenerative disorder that results in symptoms like shaking palsy, loss of muscle control, and dementia.

ANSWER: **Parkinson's** disease (accept **PD**)

(Tossup 25) V.S Naipaul died after reading a poem by this man which begins with "Sunset and evening star / And one clear call for me!". This author of *Crossing the Bar* also wrote the poem *Break, Break, Break*. In his most famous work, this man wrote "Theirs not to reason why / Theirs but to do and die" and described how "All in the valley of Death / Rode the six hundred". For the point, name this poet laureate who wrote *The Charge of the Light Brigade*.

ANSWER: Alfred **Tennyson**

(Tossup 26)   This man opposed the practice described in the phrase "as soon as the coin in the coffer rings, the soul from purgatory springs", which was espoused by Johann Tetzel. In front of Charles V, this man declared "Here I stand; I can do no other". Pope Leo X opposed a document this man supposedly nailed to the door of a church in Wittemberg. For the point, name this man who appeared at the Diet of Worms and wrote the 95 Theses, sparking the Protestant Reformation.

ANSWER: Martin **Luther**

(Tossup 27) One theory about the origin of this organelle states that it was born by the splitting off of a portion of DNA from the nucleus of the eukaryotic cell at the time of divergence with the prokaryotes. Lynn Margulis's theory about the origin of this organelle suggests that it was once a free-living prokaryote which was engulfed by a eukaryotic ancestor. For the point, name this eukaryotic organelle that is responsible for the production of ATP.

ANSWER: **Mitochondrion** (accept **Mitochondria**; prompt on Powerhouse of the Cell)

(Tossup 28) A ship made from the fingernails and toenails of the dead breaks free from its moorings at the start of this event, which is signalled by three roosters crowing and the hound Garmr breaking his chains at Gnipahellir. Battles ensue in this event, where Fenrir devours one important figure. Aesir and Einherjar engage in many fights against beasts like the Midgard Serpent in, for the point, what apocalyptic event in Norse mythology?

ANSWER: **Ragnarok**

(Tossup 29) The distribution of these molecules' masses is the dispersity index. Solutions of these molecules can be modeled through Flory-Huggins theory. These molecules can be produced using step-growth and chain-growth methods. An example of these molecules used as non-stick coatings made up of carbon and fluorine is called Teflon. For the point, name these large molecules that consist of many repeated sub-units known as monomers.

ANSWER: **polymer**s

(Tossup 30) In 1945, the author of this novel added an Appendix to be included in future printings. A character in this work tries to communicate with a small Italian girl who he calls "sister". That character in this work later commits suicide by drowning in the Charles River. Dilsey serves the central family of this novel which includes Harvard student Quentin and his siblings Caddy and Benjy. For the point, name this William Faulkner novel about the Compson family.

ANSWER: **The Sound and the Fury**

Backups

(Tossup 31) One song in this novel described a certain leader as "Lord of the Swill-Bucket." That song in this novel was written by Minimus and was placed opposite of the Seven Commandments. In this novel, Old Major teaches the song "Beasts of England," but that song is replaced by the song, "Comrade Napoleon." For the point, name this allegorical novel by George Orwell, in which Stalin and Trotsky are represented as pigs.

ANSWER: **Animal Farm**