

Round 2

Bee Round 2

(Tossup 1) This author wrote about three tercelts competing for the attention of a female eagle in *The Parliament of Fowls*. In another work by this man, a journey to the shrine of Thomas Becket is made by a group of storytellers, including a Nun, a Knight, and the Wife of Bath. For the point, name this Middle English author of *The Canterbury Tales*.

ANSWER: Geoffrey Chaucer

(Tossup 2) An example of this kind of seventh chord are the notes C, E-flat, G, and B-flat. An example of this kind of sixth interval is the interval from G to E-flat, which is one semitone higher than a diminished sixth. The triad A, C, E is of this quality. The Aeolian mode is also the “natural” version of a scale given this name, while the other common versions of the scale of this name are melodic and harmonic. For the point, name this mode often seen as sad or gloomy, contrasted with major.

ANSWER: minor

(Tossup 3) According to a “manifesto,” multiplying tau by this value gives pi, which is an inferior circle constant. For a polygon with n sides, multiplying this value by n and n minus 3 will count the number of diagonals. This constant is found in the standard “base times height” formula for the area of a triangle.” For the point, name this fractional value that, when multiplied by the diameter of a circle, gives the circle’s radius.

ANSWER: one-half (accept one over two)

(Tossup 4) Frontier settlers entered what is now this state by moving through the Cumberland Gap on the Wilderness Road, which was established by Daniel Boone. In this state, Fort Knox is home to the United States’ gold reserves. This is the home state of the “Great Compromiser,” Henry Clay. For the point, name this US state where a traitor to the Spanish, James Wilkinson, built the capital city of Frankfort.

ANSWER: Kentucky

(Tossup 5) Cyanobacteria, algae, and plants transform this inorganic carbon source into organic sugars. A supercritical form of this compound decaffeinate coffee, and bread rises because yeast produces this compound during fermentation. This compound’s solid form is dry ice, which sublimates at room temperature. For the point, name this gas that is exhaled by humans and whose chemical formula is CO₂.

ANSWER: carbon dioxide (accept CO₂ before mentioned)

(Tossup 6) This city's harborfront developed along what is now Circular Quay [key], where many transported criminals disembarked in the 1830's. This city's Harbor Bridge overlooks a concert venue designed by Jorn Utzon. Botany Bay lies to the south of this city's center. The 2000 Summer Olympics were held in this city, joining Melbourne as the second time its country hosted the Games. For the point, name this capital of New South Wales, the largest city by population in Australia.

ANSWER: Sydney

(Tossup 7) A character in this novel is called a "child of the Lord of Misrule" and a "demon offspring" by townspeople. Another character in this novel joins the protagonist on a scaffold after being tortured by Roger Chillingworth, and admits to being the father of Pearl. Reverend Arthur Dimmesdale appears in, for the point, what Nathaniel Hawthorne novel about Hester Prynne's red mark of adultery?

ANSWER: The Scarlet Letter

(Tossup 8) A formulation of Newton's second law that utilizes calculus notes that force equals the time derivative of this quantity. This vector quantity is measured in kilogram-meters per second. This quantity is conserved, but kinetic energy is not, in an inelastic collision. Calculating the mass times the velocity will find, For the point, what physical quantity that represents the potential impact of a moving object?

ANSWER: (linear) momentum

(Tossup 9) This woman concealed herself in a carpet to avoid Ptolemy's guards in an attempt to meet a Roman general. This woman led forces in the Battle of Actium, but after being defeated by Octavian may have committed suicide by letting herself get bit by an asp. This woman's son, possibly with Julius Caesar, was the last pharaoh. Marc Antony loved, For the point, what woman who ruled Egypt before it was annexed by Rome?

ANSWER: Cleopatra VII Philopator

(Tossup 10) This god facilitated the Bhagirath's request to have the Ganges River flow down to Earth by holding the river in his hair. This god used his trishul to behead a boy who refused him access to his wife, Parvati; this god later revived Ganesha with the head of an elephant. This god rides the bull Nandi and possesses a destructive third eye. For the point, name this destroyer god, who forms the Hindu Trimurti alongside Brahma and Vishnu.

ANSWER: Shiva (accept Mahesh; accept Mahadev)

(Tossup 11) This city was built near the site of Fort Dearborn, and in 1887, a decision was made to make its namesake river flow backwards. Suburbs of this city include Skokie, Evanston, and Aurora, as well as Gary in a neighboring state. This city's Midway Airport services the South Side, and its O'Hare Airport is one of the world's busiest. For the point, name this largest city of Illinois.

ANSWER: Chicago

(Tossup 12) This phenomenon is measured by pluviometers. Mountains can create a “shadow” named for this phenomenon on their leeward side. High rates of sulfur dioxide in the air can cause the acid variety of this phenomenon. Sunlight reacting with this phenomenon can create colored arcs of light in the sky. For the point, name this weather phenomenon, the majority of the world’s precipitation.

ANSWER: rain (prompt on precipitation)

(Tossup 13) This character reveals that he “enjoys Acid Pops” in a letter delivered by Jack Sloper. This character sets a wardrobe on fire as a demonstration for Tom Riddle while serving as Professor of Transfiguration, and this man reveals the will of Sirius Black to one of his students at 4 Privet Drive. For the point, name this headmaster at Hogwarts who is killed by Professor Snape at the end of *Harry Potter and the Half-Blood Prince*.

ANSWER: Professor Albus Percival Wulfric Brian Dumbledore

(Tossup 14) In a speech supporting Memphis sanitation workers, this man proclaimed “I’ve been to the mountaintop.” In 1956, an unknown assailant bombed this man’s home, barely avoiding killing his wife Coretta. After this man was arrested in Alabama in 1963, he wrote that “Injustice anywhere is a threat to justice everywhere” in a “Letter from Birmingham Jail.” For the point, name this civil rights leader who delivered the “I Have a Dream” speech.

ANSWER: Dr. Martin Luther King, Jr.

(Tossup 15) This organ contains the chordae tendineae [cord-ay ten-din-ee-ay], which connects its papillary muscles to the mitral valve. Purkinje fibers line this organ, allowing it to maintain consistent function. This organ can be afflicted with arrhythmia, an excessively fast type of which is called tachycardia. Arteries lead away from, for the point, what four-chambered organ that pumps blood throughout the body?

ANSWER: heart

(Tossup 16) In the artist’s wife’s notes for this painting, she comments on a man’s beak-like nose, which may have inspired this painting’s title. A billboard in this painting advertises Phillies cigars for five cents. In this painting’s central building, a blonde man reaches below a counter while conversing with a man and a woman in red. For the point, name this painting by Edward Hopper which shows three patrons in a brightly-lit diner.

ANSWER: Nighthawks

(Tossup 17) This author wrote about Bill Gorton, Mike Campbell, and Robert Cohn, who compete with World War I veteran Jake Barnes for the attention of Lady Brett Ashley. This author wrote a novella in which Manolin isn’t allowed to accompany the fisherman Santiago as he captures an enormous marlin. For the point, name this American author of *The Sun Also Rises* and *The Old Man and the Sea*.

ANSWER: Ernest Miller Hemingway

(Tossup 18) This quantity can be calculated by the difference quotient, a formula used in the limit definition of the derivative. Gradient is another term for this quantity, which is zero for a constant function and undefined for vertical lines. The change in y values over the change in x values will calculate this value between two points. For the point, name this value that describes the steepness of a line segment, often in terms of “rise over run.”

ANSWER: slope (accept derivative before mentioned; accept gradient before mentioned)

(Tossup 19) Motte-and-baileys were early types of these structures, which were often situated on raised earth. Stairs in these buildings were built clockwise to allow defenders to have more room with their right hands. Drawbridges were commonly used at these buildings to maintain the defensive value of moats. For the point, name these fortified structures which contained central keeps and were used by feudal lords.

ANSWER: castles

(Tossup 20) This man dined with Donald Trump at a French restaurant in New York in late 2016 as he unsuccessfully tried to become the nominee for Secretary of State. This man ran with Paul Ryan as his running mate in an earlier unsuccessful bid for President. For the point, name this politician who recently announced a bid for a Utah Senate seat, six years after he lost to Barack Obama as the first Mormon nominee for President from a major party.

ANSWER: Willard “Mitt” Romney

(Tossup 21) In this novel, Catherine de Bourgh tries to marry off her daughter, Anne, to a man who is also pursued by Caroline Bingley. Mr Wickham is bribed into marrying Lydia in this novel, whose protagonist eventually discovers that she has misunderstood Fitzwilliam Darcy’s character. For the point, name this novel about Elizabeth Bennet written by Jane Austen.

ANSWER: Pride and Prejudice

(Tossup 22) People seeking this religious title can obtain a “yoreh yoreh” or “yadin yadin” type of smicha lerabbanut [shmee-kah leh-rah-bah-nut]. One of these people, Maimonides, declared that every congregation should include a person with this title. According to tradition, Moses was the first of these people, who give judgements on the laws laid out in the Torah. For the point, give this title for a Jewish religious leader and teacher.

ANSWER: Rabbi (accept Rabanim)

(Tossup 23) The largest known protein, titin, is responsible for this tissue’s elasticity. Satellite cells are found in this tissue, which is created in myogenesis. The striated type of this tissue contains sarcomeres, unlike the smooth type. While under heavy use, this tissue produces lactic acid. Tendons connect bones to, for the point, what type of tissue found in the biceps and triceps?

ANSWER: muscle tissue

(Tossup 24) The fourth article of this document requires member states to provide “full faith and credit” for the records of other states, while its sixth article affirms that a religious test cannot be required to hold office in the United States. The fifth article of this document lays out the process of amending it, while the first three articles describe the legislative, executive, and judicial branches. For the point, name this supreme law of the United States.

ANSWER: United States Constitution

(Tossup 25) Despite being notified of this event, one man was criticized for continuing to read *The Pet Goat*. Conspiracy theorists blame a cruise missile for damage done to the west wall of the Pentagon during this event. Passengers aboard United Flight 93 overpowered their hijackers, preventing further tragedy during, For the point, what Osama bin Laden-planned terrorist attack that destroyed the Twin Towers of the World Trade Center in 2001?

ANSWER: September 11th attacks (accept 9/11; prompt on any specific portion of the attacks)

(Tossup 26) While seeking revenge, this deity either kidnapped the goddess of childbirth or forced Leto to give birth on a floating island. This Greek deity offered to give control of Asia to Paris while vying for Eris’s golden apple, but Paris rejected this goddess and Athena in favor of Aphrodite. For the point, name this jealous Greek goddess, the mother of Ares and wife of Zeus.

ANSWER: Hera (accept Juno before “Greek” is read)

(Tossup 27) Maurice Ravel wrote a set of “noble and sentimental” works of this type. Chopin wrote an E-flat major “Grande brillante” work in this genre as well a work in this genre that imitates a dog chasing its own tale. *Tales from the Vienna Woods* is a piece in this genre by Johann Strauss Jr., who was known as the “king” of this genre. For the point, name this dance in triple meter, whose famous examples include Chopin’s “Minute” and Strauss’s “Blue Danube.”

ANSWER: waltz (or valse)

(Tossup 28) In this play, Balthasar reaches Mantua before Friar John, leading to the murder of Count Paris. In this play, Benvolio tries to make peace as Mercutio and Tybalt duel in Verona, where the heirs to the Montague and Capulet families commit suicide. For the point, name this Shakespeare play about two “star-cross’d lovers.”

ANSWER: Romeo and Juliet

(Tossup 29) This planet’s elemental composition was studied in 1993 after it was struck by Schumaker-Levy 9. The Juno probe is currently studying this planet, which had earlier been observed by the Galileo orbiter. Callisto, Ganymede, and Io orbit this planet, the home of a massive storm whose diameter is roughly equal to Earth’s, the Great Red Spot. For the point, name this gas giant, the largest planet in our solar system.

ANSWER: Jupiter

(Tossup 30) This city was the site of an 1871 commune that was supported by a radicalized National Guard. Baron Haussmann widened the streets of this city and, inspired by London, added numerous parks. This city's Bastille was stormed in 1789 as part of a revolution that overthrew Louis XVI. The Seine [sen] runs through, for the point, what city where Napoleon commissioned the Arc De Triomphe, the capital of France?

ANSWER: Paris

Extra Question

Only read if moderator botches a question.

(Tossup 1) As a congressman, this man introduced the Spot Resolutions, which opposed the Mexican-American War. His Cooper Union speech helped him win his party's presidential nomination later that year. This man participated in a series of seven debates with his Illinois Senate opponent Stephen Douglas. For the point, name this United States President during the Civil War, assassinated by John Wilkes Booth.

ANSWER: Abraham Lincoln