

Prelim Round 2

Tossups

(Tossup 1) One party in this lawsuit married Harriet Robinson in a wedding officiated by Lawrence Taliaferro. Benjamin Curtis and John McLean dissented from this case, whose majority opinion was written by Roger Taney [TAW-nee] and ruled that the Missouri Compromise was unconstitutional because it abolished slavery in a territory of the US. For the point, name this 1857 Supreme Court case that determined that a slave was property and could not sue for his freedom.

ANSWER: Dred **Scott** v. John F. A. Sandford

(Tossup 2) A 2010 NASA study found that shifting the mass of the central good stored by this structure would cause a 0.06% increase in the length of each day on Earth. The creation of this project sped up the extinction of the *baiji* dolphin. Cities like Wuhan are to be protected from flooding by this structure in Hubei province, which generated close to 100 terrawatt-hours of electricity after opening in 2014. For the point, name this hydroelectric dam on the Yangtze River.

ANSWER: **Three Gorges Dam**

(Tossup 3) In a short story by this author, Jimmy Valentine reveals that he used to be a safecracker. This author of “A Retrieved Reformation” titled one of his collections after the population of New York City in the early twentieth century. This man’s collection *The Four Million* includes a short story whose central character realizes she only has \$1.87, prompting her to cut her hair to buy a watch chain for her husband, who buys a set of combs for her. For the point, name this short story author of “The Gift of the Magi.”

ANSWER: O. **Henry** (accept William Sydney **Porter**)

(Tossup 4) One class of these substances are named for the fact that they are made up of four side-by-side six-member carbon rings. These substances include ones classified as tetracyclines and beta-lactams. MRSA [MUR-sa] is the result of overuse of these substances, the first one of which was discovered in a fungus-covered petri dish by Alexander Fleming.. For the point, name these substances such as penicillin that kill bacteria.

ANSWER: **antibiotics** or **antibacterials** (prompt on “drugs” or other less specific answers)

(Tossup 5) The popular Nigerian name for this holiday is “Small Sallah.” In Indonesia, mubik, or homecoming, occurs before this holiday, which is locally called Lebaran. This holiday is preceded by the Chaand Raat in Pakistan, to celebrate the night before the crescent moon is sighted in this holiday and personal restrictions are lifted. This holiday is the first day of the month of Shawwal, and ends a long period of fasting. For the point, name this Islamic feast day that immediately follows Ramadan.

ANSWER: **Eid** al-Fitr (accept **Lesser Eid**; accept **Idul Fitri**; accept **Lebaran** before it is read)

(Tossup 6) This term describes frames of reference without the Coriolis effect, as a body with zero net force will not accelerate. This effect is overcome by applying an external force such as friction on a rolling ball. The rotational analogue of mass is named for the “moment of,” for the point, what physical concept, defined by Newton’s first law, that describes an object’s resistance to change in motion?

ANSWER: **inertia** (accept **moment of inertia** after “rotational” is read, but do not accept or prompt on it before that point)

(Tossup 7) This country launched Operation Kaman 99 and Operation Undeniable Victory during a war with a neighboring state. Operation Ajax in this country overthrew its Prime Minister Mohammad Mosaddegh and strengthened the rule of its Shah Mohammad Reza Pahlavi, who was later overthrown in a revolution in 1979 led by Ayatollah Khomeini. This country’s nuclear program is subject to a sanctions deal from which the US plans to withdraw. For the point, name this country whose capital is Tehran.

ANSWER: **Iran**

(Tossup 8) This building houses Diego Rivera’s painting *El Sueno*. It’s not the MoMA, but this building houses one of the first two butterfly chairs to be brought from Argentina to the United States. This building juxtaposes perpendicular stone walls from a local quarry with cantilevered terraces to frame a cataract along Bear Run in Pennsylvania. For the point, name this house designed by Frank Lloyd Wright.

ANSWER: **Fallingwater** (accept the **Kaufmann House**)

(Tossup 9) This thinker names a function that counts coprime numbers less than the input value, called his totient **[toh-shunt]** function. The number of “vertices, plus faces, minus edges” for a convex polyhedron is a characteristic named for this mathematician, whose analysis of the seven bridges of Königsberg laid the foundations of graph theory. Late in life, this man’s blindness did not slow down his mathematical output. For the point, name this Swiss mathematician, the namesake of the irrational number e .

ANSWER: Leonhard **Euler** (**[oiler]**, but be lenient)

(Tossup 10) A section deleted from the eleventh chapter of this novel was later published as “The Grey Man.” The protagonist of this novel encounters reddish crab-like creatures and enormous butterflies. In this novel, Weena is a member of the Eloi, a race of frail and delicate humanoids preyed on by the Morlock species, who are descended from the English working classes. For the point, name this novel by H.G. Wells about an English scientist nicknamed “the Traveler,” who visits the future.

ANSWER: The **Time Machine**

(Tossup 11) In one work, this man described the mind of Woodrow Wilson as “slow and unadaptable.” Another work by this man rejects the notion that “supply creates its own demand,” otherwise known as Say’s Law. This man’s *The Economic Consequences of the Peace* was based on his observations at the Paris Peace Conference. For the point, name this British economist who wrote the *The General Theory of Employment, Interest and Money*.

ANSWER: John Maynard **Keynes**

(Tossup 12) This man instituted the “liquidation of the kulaks” one year before ordering the creation of the kolkhoz. During this man’s rule, his foreign minister signed an agreement with Joachim von Ribbentrop. The Secret Speech targeted this leader and criticized his role of turning Trotskyists into enemies of the people. Nikita Khrushchev succeeded, for the point, what dictator who led the Soviet Union during World War II?

ANSWER: Joseph Vissarionovich Stalin

(Tossup 13) This work’s protagonist loses six of his comrades while passing by the daughter of Crataeis and is recognized by Euryclea because of a scar on his thigh. A ship in this poem sails by a pair of sirens and between Scylla and Charybdis, and lands on an island owned by the sorceress Circe, who transforms almost everyone in a ship’s crew into pigs. This poem’s title soldier returns to Ithaca and his wife, Penelope, in, for the point, what epic poem by Homer about the title man’s journey home from the Trojan War?

ANSWER: Odyssey (accept Odyseia)

(Tossup 14) This galaxy is home to the Mayall II globular cluster, which may be the remains of a dwarf galaxy. Edwin Hubble used the distance of Cepheid variables to disprove the idea that this body was a nebula. In 1991, it was discovered that this galaxy contains a double nucleus. In about 4 billion years, this member of the Local Group is predicted to collide with its neighbor. For the point, name this closest spiral galaxy to the Milky Way.

ANSWER: Andromeda (accept Messier 31; accept New General Catalogue 224)

(Tossup 15) Prior to this battle, Richard Gridley disobeyed orders about where to build fortifications. Joseph Warren died during this battle while defending a redoubt targeted by John Pitcairn. William Howe suffered heavy losses during this battle, which allowed the British to capture Charlestown Peninsula. William Prescott may have said “don’t shoot until you see the whites of their eyes” at, for the point, what 1775 battle outside of Boston?

ANSWER: Battle of Bunker Hill (accept Battle of Breed’s Hill)

(Tossup 16) Thiols are similar to alcohols, but they contain this element instead of oxygen. Vulcanization is a technique to create polymers out of bridges of this element. This element’s dioxide compound is oxidized in the atmosphere to create acid rain. This element, which was once referred to as brimstone, is associated with the smell of rotten eggs. For the point, name this element with atomic number 16 and symbol S.

ANSWER: sulfur (prompt on “S” until mentioned)

(Tossup 17) One of these animals named Gugalanna was killed by Enkidu and Gilgamesh and was nicknamed the one “of Heaven” in Sumerian myth. An Egyptian god with the form of this animal was Apis, and one of these animals named Nandi was Shiva’s steed. Queen Pasiphaë and the Cretan one of these animals were the parents of the Minotaur. For the point, name this bovine creature that appears in the constellation Taurus.

ANSWER: bulls (prompt on “cattle” or “cow”)

(Tossup 18) A man in this work threatens to hang his guest “at sunrise, from the battlements!” while surrounded by “arabesque figures with unsuited limbs” at a dance. In this story, Prince Prospero follows a garishly-dressed man from a room decorated in blue, and eventually confronts the blood-covered guest in front of an enormous black and red clock, only to discover that the costume is empty. For the point, name this short story by Edgar Allan Poe in which a group of nobles lock themselves away but are nevertheless killed by the title disease.

ANSWER: The Masque of the Red Death

(Tossup 19) Works by this composer that were premiered by Walter Damrosch include his *Piano Concerto in F*. A jazz-themed work by this composer was scored for instruments like the celesta, saxophone, and automobile horns taken from taxis. This composer of *An American in Paris* was inspired by a train ride for the rhythms of another work that begins with a famous glissando on the clarinet. For the point, name this American composer of *Rhapsody in Blue*.

ANSWER: George Gershwin

(Tossup 20) A politician from this state appointed Brian Schatz to fill a seat vacated by the death of Daniel Inouye [in-oh-ay]. David Ige [ee-gay] is this state’s current governor and the second person of Japanese ancestry to hold the post. In 2018, this state was the site of a false emergency alert which warned of an incoming ballistic missile. For the point, name this US state that ordered small scale evacuations in response to the May 2018 eruption of Kilauea.

ANSWER: Hawai’i

(Tossup 21) In 1910, this man issued the Osawatomie speech to begin his New Nationalism platform. The Pure Food and Drug Act was created after this man read Upton Sinclair’s *The Jungle* and initiated investigations in the Chicago meatpacking industry. This president gave the Muckracker speech and was known for trust-busting. This president declared he would, “speak softly and carry a big stick.” For the point, name this president who led the Rough Riders.

ANSWER: Theodore (or “Teddy”) Roosevelt (prompt on “Roosevelt” alone)

(Tossup 22) In this painting, ten medallions depicting the Passion of Christ surround an object that hangs on a wall next to a dustbroom. Three oranges on top of a cabinet in this painting may represent fertility, and a small dog on the floor represents loyalty. A pair of clogs sit on the floor on the left side of this painting, near the feet of a man in a large black hat and a woman wearing a rich green gown. For the point, name this double portrait of an Italian couple, painted by Jan Van Eyck.

ANSWER: The Arnolfini Wedding (accept The Arnolfini Portrait; accept The Arnolfini Marriage; accept Portrait of Giovanni Arnolfini and his Wife or Giovanni Arnolfini and his Bride)

(Tossup 23) Siphonophores look like these organisms but are actually a large group of the closely related hydrozoans, while Scyphozoans are considered “true” ones of these organisms. The “box” form of these organisms are highly venomous. The majority of Medusozoans are these organisms. For the point, name these soft Cnidarians that are made up of an umbrella like head with many tentacles named for its gelatinous composition.

ANSWER: jellyfish (accept jellies)

(Tossup 24) This poem’s speaker hears only “the sweep / Of easy wind and downy flake” on the “darkest evening of the year.” In this poem, a horse “gives his harness bells a shake” because he “must think it queer” when its rider pauses “without a farmhouse near.” The speaker finally leaves because he has “promises to keep / and miles to go before [he sleeps]” at the end of, for the point, what Robert Frost poem about pausing to enjoy nature on a winter night?

ANSWER: Stopping by Woods on a Snowy Evening

(Tossup 25) This religious movement’s second leader petitioned Congress to form a state named for the Jaredite term for honeybees, the State of Deseret. This movement’s sacred text was received from the angel Moroni on a set of golden plates by this religion’s founder, who was killed in Nauvoo, Illinois. For the point, name this religious movement founded by Joseph Smith, whose successor Brigham Young founded Salt Lake City in the Utah Territory.

ANSWER: The Church of Jesus Christ of Latter-day Saints (accept Latter Day Saint Movement; accept LDS Church; accept Mormonism)

(Tossup 26) One group of these people were the personal guards of Basil II and were called the Varangian Guard. These people won the Battle of Fulford to force the surrender of York. Legendarily, one of these people defended against waves of English attackers until a shield wall could be made during the Battle of Stamford Bridge. The death of Harald Hardrada essentially ended the power of, for the point, what Norse seafaring raiders?

ANSWER: Vikings (prompt on Norsemen, Scandinavians, or Danes before “Norse” is read)

(Tossup 27) Google Fiber launched in this state, inspiring its capital to be temporarily named after Google. Like New York, a major university is located in this state’s city of Manhattan. This state’s city of Lebanon is near the geographic center of the contiguous 48 states. After Texas, this state experiences the most tornadoes per year. Lawrence and Wichita are cities in, for the point, what state whose capital is Topeka?

ANSWER: Kansas

(Tossup 28) The fundamental theorem of this branch of math states that over the complex numbers, every polynomial can be factored into n linear terms. Al Khwarizmi founded this branch of math in a book on “completing and balancing.” This branch of math teaches how to represent unknowns as variables and solve equations. Terms such as coefficient are used in, for the point, what branch of math that begins with a focus on solving equations like three x equals three?

ANSWER: algebra

(Tossup 29) This novel's title character is shunned by Blanche Ingram while caring for the daughter of Celine Varens. In this novel, Bertha Mason escapes after her nurse Grace Poole gets drunk. The title character of this novel befriends Helen Burns, who dies of consumption at Lowood School, and tutors Adèle while working as a governess at Thornfield Hall. For the point, name this novel by Charlotte Brontë in which the title character falls in love with Mr Rochester.

ANSWER: Jane Eyre

(Tossup 30) The "outburst" type of this event is responsible for the formation of amphitheater canyons on Earth and Mars. Risk mappings of these events are aided by inundation models. One of these events during the Quaternary period turned the Black Sea and Baltic Sea from fresh water to salt water. Broken levees, ruptured dams, or rapidly melting ice can cause, for the point, what catastrophic events involving overflowing water?

ANSWER: floods

Replacements

(Tossup 31) In this country, Abdallah ibn Muhammad was an Ansar leader who was defeated by Sir Herbert Kitchener's forces in 1898. Chinese Gordon was killed in this country by forces loyal to a supposed messiah called the Mahdi. This country's western region is home to a militia called the Janjaweed. The 19th century Battle of Omdurman and the modern-day Darfur genocide occurred in, for the point, what African country whose capital is Khartoum?

ANSWER: Republic of the Sudan (do not accept or prompt on South Sudan)