

Round 8

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Tossups

(1) **This country disputes the Scarborough Shoal with China and Taiwan as part of a territory claim along the nine-dash line. This country's Sebwano language is commonly spoken in Palawan province and on the island of (*)** Mindanao, although this nation's official language is Tagalog. This country's most populous city, Quezon City, is near its capital on the island of Luzon. For ten points, name this southeast Asian archipelago governed from Manila.

ANSWER: Philippines (accept Filipinas; accept Republic of the Philippines; accept Republika ng Pilipinas)

(2) **The Society for Education of Noble Maidens prompted this ruler to create the Smolny Institute, whose facility later housed the Bolshevik headquarters during the October Revolution. This ruler founded the (*)** Hermitage Museum in Saint Petersburg. This wife of Peter III promoted the Enlightenment, colonized the Crimea, and divided Poland. For ten points, name this "Great" empress who ruled during the 18th century in Russia's Golden Age.

ANSWER: Catherine the Great (accept Catherine II; accept Sophie of Anhalt-Zerbst; accept Catherine after "this 'Great'" is read; prompt on "Catherine" until "this 'Great'" is read; prompt on "Sophie")

(3) **A zeta pinch can be used in machines that break the Coulomb barrier to create this process through inertial confinement. Fleischmann and Pons falsely claimed to have produced a "cold" type of this process. This process occurs via the (*)** CNO cycle or the proton-proton chain in the nucleus of stars, where this process converts hydrogen into helium. For ten points, name this energy-generating process in which the nuclei of atoms are combined, contrasted with fission.

ANSWER: nuclear fusion (accept inertial confinement fusion before "inertial confinement" is read; prompt on "ICF" before "inertial confinement" is read; do not accept or prompt on "fission")

(4) **In a work by this author, John Brooke accompanies his fiancée's mother as she goes to Washington to see Robert, an injured Union Army chaplain. A character created by this author runs Plumfield School in the sequel to a novel by this author in which (*)** Professor Bhaer and Laurie Laurence marry two of Marmee's four daughters. For ten points, name this American author who wrote about Meg, Jo, Beth, and Amy March in *Little Men* and *Little Women*.

ANSWER: Louisa May Alcott

(5) **Heron’s formula for the area of a triangle repeatedly uses half of this quantity as a term. The arc length of a closed curve is equivalent to this quantity. Archimedes calculated this quantity for two shapes in his (*) approximation for pi. Four times the side length gives this quantity for a square, and this quantity’s analogue for a circle is called the circumference. For ten points, name this measure of the distance around a two-dimensional shape.**

ANSWER: perimeter

(6) **In 1928, this man founded a namesake rubber plantation in the Amazon rainforest that was abandoned within six years. This man published anti-Semitic articles in *The* (*) *Dearborn Independent*. Adolf Hitler kept a picture of this man, who improved his public standing by offering a revolutionary five-dollars-per-day wage at his factories in Detroit. For ten points, name this businessman whose assembly lines churned out millions of Model T cars.**

ANSWER: Henry Ford

(7) **This deity tricked Hyndla by disguising her protégé, Óttar, as the boar Hildis-vini. This deity received half of the warriors killed in battle in her mead-hall, Fólkvangr. This goddess owned a torc called Brisin-gamen and a chariot pulled by (*) cats. When Thrym demanded this goddess in exchange for Mjolnir [mee-YOLL-neer], Loki borrowed her cloak of feathers and dressed Thor up as this beautiful goddess. For ten points, name this Norse goddess of love, the sister of Freyr.**

ANSWER: Freyja ([FRAY-yah], but be lenient with pronunciation; do not accept or prompt on “Freyr,” “Frigg,” or “Frigga”)

(8) **In this novel, Pope Urban X’s [the tenth’s] daughter cuts off her buttock to serve to soldiers in a siege. Cacambo explores El Dorado with a man who says, “we must cultivate our garden” at the end of this novel. After an attack on Castle (*) Thunder-ten-Tronckh, this novel’s protagonist struggles to reunite with his lover, Cunegonde, and his teacher, Doctor Pangloss, who insists that “all is for the best in this best of all possible worlds.” For ten points, name this satirical French novel about a title “Optimist,” written by Voltaire.**

ANSWER: Candide, or Optimism (accept Candide, ou l’Optimisme)

(9) **Many chalcid wasps are “hyper” examples of these organisms. In the plant kingdom, these organisms possess a haustorium, as seen in European mistletoe. The trypano-somes that cause (*) sleeping sickness are a single-celled type of these organisms, and common “ecto” ones that attach to skin include lice and ticks. For ten points, blood flukes and tapeworms are what type of organism that obtains food from a host, harming it in the process?**

ANSWER: parasites (accept parasitic)

(10) **One of these musical works, originally titled “Hand in Hand,” was later nicknamed “Emperor.” Tchaikovsky’s *Pathetique* symphony includes a “limping” one of these works. Chopin was inspired by a dog chasing its own tail to write a short (*) “Minute” work of this type. “Tales from the Vienna Woods” is a work in this genre by the “king” of these dances, Johann Strauss, Jr, who also wrote one about “The Beautiful Blue Danube.” For ten points, name these Viennese ballroom dances in 3/4 [three four] time.**

ANSWER: waltzes (accept vales; accept Emperor Waltz; accept limping waltz; accept Minute Waltz; accept The Blue Danube Waltz)

(11) **An author from this country wrote about Hana caring for Count Almásy in *The English Patient*. This is the home country of Michael Ondaatje [ohn-DAHT-shee], Nobel Prize winner (*) Alice Munro, and the author of a novel in which Offred tries to escape from her oppressive life in the Republic of Gilead, *The Handmaid’s Tale*. For ten points, author Margaret Atwood is from what country north of the United States?**

ANSWER: Canada

(12) **In 2020, Peacock announced a spin-off of this TV series based on a 2019 YouTube fan trailer by Morgan Cooper. During this show’s original run, Daphne Maxwell Reid replaced Janet Hubert-Whitten as Vivian alongside James Avery’s character, (*) Uncle Phil. Carlton Banks slowly befriends this show’s title character, who moves into the title affluent neighborhood. The title character is “West Philadelphia born and raised” in, for ten points, what classic 90s sitcom starring Will Smith?**

ANSWER: The Fresh Prince of Bel-Air (accept either underlined portion)

(13) **This artist created a serigraph called *Silver Car Crash (Double Disaster)* and promoted the Velvet Underground at events called *Exploding Plastic Inevitable*. This artist gathered creators at his studio, The (*) Factory, to promote what he described as “fifteen minutes of fame.” This artist created thirty-two prints of common objects with labels like “Pepper Pot” and “Beef Noodle.” For ten points, name this American Pop Artist who screen-printed a series of *Campbell’s Soup Cans*.**

ANSWER: Andy Warhol (accept Andrew Warhola, Jr)

(14) **During the Battle of Baltimore, George Armistead requested one of these objects “so large that the British would have no difficulty seeing it.” The resilience of one of these objects inspired the poem “Defence of Fort M’Henry” by (*) Francis Scott Key, which became the basis of the national anthem. Betsy Ross legendarily designed the original version of, for ten points, what national symbol of the United States, a banner nicknamed the “Stars and Stripes?”**

ANSWER: United States flag (accept Old Glory; accept Star-Spangled Banner; accept Stars and Stripes before it is read)

(15) **A program to build these facilities, Almaz, produced the *Soyuz* ferry to transport humans to the *Salyut* series of these facilities. The NextSTEP program awards contracts to create modules for a modern one of these facilities. A (*) Soviet facility of this type, decommissioned in 2001, was *Mir*, and the first American one was *Skylab*. The Chinese Large Modular one and the Lunar Gateway will be, for ten points, what kind of man-made satellites that house human researchers?**

ANSWER: space stations

(16) **The second day of this holiday commemorates the death of Nara-kasura, and its fifth and final day, Bhai Duj, celebrates siblinghood. This holiday commemorates both the return of Sita and Rama and the goddess of (*) wealth and commerce, Lakshmi. This holiday includes drawing rangoli, elaborate chalk designs, and lighting diya lamps. For ten points, name this autumn holiday, the Hindu Festival of Lights.**

ANSWER: Diwali (accept Divali; accept Deepavali; prompt on “Festival of Lights” before it is read)

(17) **A character in this play admits, “I am justly kill’d with mine own treachery” after the protagonist stabs Laertes [lah-YER-teez] with his own poisoned sword during a duel. This play’s protagonist stabs (*) Polonius through a curtain, inspires Gertrude to poison herself, and drives Ophelia insane while trying to kill his uncle Claudius to avenge the death of his father, the former king. For ten points, name this Shakespeare play about a vengeful prince of Denmark.**

ANSWER: Hamlet (accept The Tragedy of Hamlet, Prince of Denmark)

(18) **A “magic” one of these substances is partly made of antimony penta-fluoride, and got its nickname by rapidly dissolving paraffin. Polyprotic ones of these substances give off multiple hydronium ions. Natural “fatty” ones of these substances contain a (*) carboxyl group. These substances are proton donors according to Bronsted-Lowry theory. Aqua regia is a mixture of two “strong” examples of these substances, nitric and hydrochloric. For ten points, name these substances with a pH lower than seven, contrasted with bases.**

ANSWER: acids (accept magic acid; accept superacid; accept fatty acids; accept Bronsted-Lowry acids; accept nitric acid; accept hydrochloric acid)

(19) **The first ruler of this empire occupied the Colcampata palace in this empire’s capital. This empire was legendarily founded by Manco Cápac, whose body was moved to a temple near Lake Titicaca by this civilization’s emperor (*) Pachacuti. At the fall of this empire, it was the site of a civil war between Huaáscar and Atahualpa, and was invaded by Fransisco Pizarro. Machu Picchu in modern Peru was part of, for ten points, what South American empire governed from Cusco?**

ANSWER: Incan Empire (accept word forms like Incans; accept Tawantinsuyu; accept Kingdom of Cusco until “Pachacuti” is read; prompt on “Quechua” or “Quechua people(s);” prompt on “runa” or “runakuna”)

(20) **One of these events, which has Calaveras, Deer, and Canyon branches, began in August 2020. Another 2020 one of these events near Yucaipa and a 2017 one in Sawmill were both caused by (*) gender reveals using explosive devices. The 2019-2020 Black Summer in Australia was caused by these events. The aptly-named 2018 “Camp” one was, for ten points, what kind of catastrophic event that destroyed over one hundred thousand acres of land in its blaze?**

ANSWER: wildfires (accept bush fires; accept forest fires; prompt on “fire”)