

(MS) Academic Bee Backup Round

Regulation Tossups

(1) **The resort of Zhongdian [[ZHONG-DYAHN]] in Yunnan renamed itself after this place. Some claim the invention of this fictional place was inspired by a trip to Pakistan's Hunza Valley, although it is canonically located in the (+) Kunlun Mountains between Xinjiang [[SHIN-JYAHNG]] and Tibet. Camp David was formerly named (*) after, for the points, what fictional Himalayan paradise described in the novel *Lost Horizon*?**

ANSWER: **Shangri-La** (prompt on generic answers about a mountain haven)

(2) **One type of this process uses the Dean-Stark apparatus to break azeotropes. One form of this process heats compounds to a vaporization point, while another form of this process purifies compounds under reduced temperatures. (+) Fractional and vacuum are two different types of this laboratory technique. (*) For the points, what is this technique that uses boiling and condensation to separate the components of liquid mixtures?**

ANSWER: **Distillation** (accept Fractional **Distillation**; accept Vacuum **Distillation**)

(3) **The Helsinki Memorandum put an end to this nation's Aceh [[AH-cheh]] Insurgency. One ruler of this country promoted a national ideal known as Nasakom and gathered leaders from Africa and Asia for the Bandung (+) Conference. This country invaded neighboring Malaysia during the *Konfrontasi* and previously held control over Timor-Leste. Once led by Sukarno (*) and Suharto, for the points, what is this Southeast Asian country?**

ANSWER: Republic of **Indonesia** (or Republik **Indonesia**)

(4) **This man's first collaboration with George Balanchine [[BAH-lahn-sheen]] was the Greek-inspired neoclassical ballet *Apollon musagète* [[ah-poh-LOHN moo-sah-ZHET]]. In one work by this composer, Prince Ivan receives an enchanted (+) feather from the title bird, and the debut of another work by this composer caused riots at a Paris theatre. *The Firebird* (*) is a ballet by, for the points, what Russian composer of *The Rite of Spring*?**

ANSWER: Igor **Stravinsky** (or Igor Fyodorovich **Stravinsky**)

(5) **A form of this process that uses fluorescent dyes such as SYBR ["cyber"] Green can be classified as either "quantitative" or "real-time." This technique uses a thermocycler that switches between denaturation, annealing, and elongation steps. (+) The "master mix" for this process contains primers, free nucleotides, and a Taq ["tack"] polymerase enzyme that makes many copies of the template strand. (*)** For the points, name this lab technique used to amplify segments of DNA.

ANSWER: **Polymerase Chain Reaction** (or **PCR**; accept q**PCR**; accept quantitative **PCR**; accept RT-**PCR**; accept real-time **PCR**)

(6) **This author described a bird calling "Lovingly for me from the misty vale" in "Ganymed," a poem frequently coupled with this author's "Prometheus." This poet described the death of a child at the hands of a chilling elf king (+) in another poem and wrote a two-part play about a scholar who sells his soul to Mephistopheles [meh-fih-STAH-feh-lees] (*) in exchange for knowledge. For the points, identify this German author of *Faust*.**

ANSWER: Johann Wolfgang von **Goethe** [[GUHR-tuh]]

(7) **Attempts to hinder this process can include API or exception-based techniques and are prefixed "anti." This process can be done as part of procedures such as control flow analysis and core dumps. This process involves finding and correcting (+) defects that prevent the smooth running of computer programs or systems. Partially named after a synonym for the word (*) "insect," for the points, what is this process performed on a computer system?**

ANSWER: **Debug** (or **Debugging**; prompt on "bug")

(8) **An unofficial set of lyrics to this tune is titled "Cives Floreat Europa" [KEE-veess FLOH-reh-aht yoo-ROH-pah], and another text sung to this tune is "Joyful Joyful We Adore Thee." In one performance, Leonard Bernstein replaced one word in this tune with "Freedom." (+) allegedly fitting the original intentions of its lyricist, Friedrich Schiller [SHEE-luh]. Taken from Beethoven's Ninth (*) Symphony, for the points, what is this choral tune which praises happiness?**

ANSWER: **"Ode to Joy"** (or **"An Die Freude"**; prompt on "Beethoven's Ninth Symphony" or "Beethoven's Choral Symphony" or equivalent before the word "Symphony" is mentioned)

(9) **This author drew on unrequited feelings for Constantin Héger [hay-ZHEHR] for a rejected first novel, *The Professor* and her last novel, *Villette*. In another work by this author, the narrator rejects a proposal from St. John [SIN-zhin] Rivers (+) after fleeing Thornfield Hall in horror at Bertha Mason's treatment by Edward Rochester. The eldest of three (*) famous sisters, for the points, who is this English author of *Jane Eyre*?**

ANSWER: **Charlotte Brontë** (accept **Currer Bell**; prompt on "Brontë")

(10) **Meals in this country are traditionally served on a *sini* tray placed on a low-lying *sofra* table. This country's city of Adana lends its name to a type of mincemeat kebab. Hacı Bekir [[AH-see beh-KEER] is a confectioner (+) from this country who claims to have invented a treat known as this country's "delight." The home of culinary staples such as the Anatolian (*) favorites kofta and kebab, for the points, what is this Near Eastern country?**

ANSWER: Republic of **Turkey** (accept **Türkiye** Cumhuriyeti; accept **Ottoman** Empire; prompt on "Turkish Delight")

(11) **The overture of this work includes an ethnic dance from its composer's country known as a *trepak* [[TREE-pak]] and utilizes a celesta. This work's primary story features its title character defeating the Mouse King (+) and going away to a musical kingdom. This work contains pieces such as the "Waltz of the Flowers" and the "Dance of the Sugar Plum (*) Fairy." For the points, identify this Tchaikovsky ballet about a namesake Christmas toy.**

ANSWER: *The **Nutcracker*** (or ***Shchelkunchik***; accept *The **Nutcracker** Suite*)

(12) **One mosaic from this city depicted a Greek king looking at King Darius during the Battle of Issus. This city's House of the Faun was home to the *Alexander Mosaic*. Frescoes depicting secret initiation rites (+) were uncovered at this city's Villa of Mysteries. Often paired with Herculaneum [[her-kyoo-LAY-nee-um]], (*) for the points, what is this ruined Italian city that was destroyed by Mount Vesuvius?**

ANSWER: **Pompeii** (prompt on "Naples")

(13) **This writer's first work to feature a member of the Glass family was the short story "A Perfect Day for Bananafish." Another character created by this writer is a 16-year old former fencing team manager at Pencey Prep (+) who wears a deerstalker cap and rails against "phonies." A reclusive American (*) writer, for the points, who is this man who wrote about Holden Caulfield in *The Catcher in the Rye*?**

ANSWER: J.D. **Salinger** (or Jerome David **Salinger**)

(14) **After lithium, this element is the second-lightest metal on the periodic table. Humphrey Davey used electrolysis to isolate this element from the plant ash that gives this element its name. (+) A nitrate of this element comprises saltpeter, the active ingredient in gunpowder. Bananas are an excellent (*) source of, for the points, what chemical element symbolized K?**

ANSWER: **Potassium** (accept **K** before mentioned)

(15) **This author portrayed himself as the writer Philip Quarles in the novel *Point Counter Point*. Another work by this author inspired Jim Morrison to name his band The Doors. The works of Shakespeare are (+) banned in a work by this author which begins in the year 632 After Ford. That dystopian novel by this author contains the characters Bernard Marx and John the Savage. (*)** For the points, name this author of *Brave New World*.

ANSWER: Aldous **Huxley** (or Aldous Leonard **Huxley**)

(16) **This country allied with Nazi Germany against a common enemy in the Continuation War. Molotov Cocktails were invented in this country during a conflict in which one of this country's snipers (+) named Simo Häyhä [[SEE-moh HY-hah]] earned the nickname "The White Death." (*)** For the points, name this Nordic country that fought Russia in the Winter War.

ANSWER: Republic of **Finland** (or **Suomen** tasavalta; or Republiken **Finland**)

(17) **This man's earliest operas, such as *The Infatuated Lover's Caprice* [[kah-PREESS]], were often abandoned, although he successfully staged the piece *Rienzi* [[ree-EN-zee]]. This man constructed an opera house (+) at the Bayreuth [[BY-roit]] Festival Theatre, which was first used for the premiere of his work, *The Ring of the Nibelung* [[NEE-beh-lung]]. (*)** For the points, name this German composer of the "Ride of the Valkyries."

ANSWER: Richard **Wagner** [[RIH-kart VAHG-nuh]] (or Wilhelm Richard **Wagner**)

(18) **This author espoused a form of Christian anarchism and nonviolence in his book *The Kingdom of God is Within You*, inspiring Mahatma Gandhi. In one novel, this author depicted a lover of Vronsky (+) who throws herself under a train, and in another novel by this author, Pierre Bezukhov dreams of killing Napoleon. (*)** For the points, name this Russian author of *Anna Karenina* and *War and Peace*.

ANSWER: Leo **Tolstoy** (or Lev Nikolayevich **Tolstoy**)

(19) **This scientist developed a seed-sorting technique to re-grow silkworm populations infected by pepper disease. This scientist is the namesake of a type of bacteria found in chicken cholera, which his students used to (+) produce the first anthrax vaccine. The rabies vaccine was created by, (*)** for the points, what French scientist who developed a process to prevent spoilage of dairy products such as milk and cheese?

ANSWER: Louis **Pasteur** (accept **Pasteur**ization or equal word forms)

(20) **This figure is based on a meat packer who supplied rations during the War of 1812. A lithograph from a nativist political party called this person's son "Citizen Know Nothing." A World War One (+) poster from the U. S. Fuel Administration claims that this person "needs that extra shovel." A symbol of the U.S. (*) government, for the points, who is this figure depicted on an Army recruitment poster saying, "I want you"?**

ANSWER: **Uncle Sam** (accept **Samuel Wilson**; accept **Brother Jonathan**)

(21) **The Western Lowlands of this region contain a large mass of peat in its Vasyugan Swamp. This geographical region gets its name from a Turkish Khanate once ruled by the White Horde. In 1908, this region of Eurasia (+) experienced multiple nights of eerie, glowing skies after the Tunguska [[tung-OO-skah]] event. Known as the location of many Soviet-era (*) gulags, for the points, what is this cold, remote region of Russia?**

ANSWER: **Siberia** (accept **Sibir** Khanate; prompt on "Russia" before "Khanate" is mentioned)

(22) **David Scott tested one of this scientist's theories by dropping a feather and a hammer on the moon. This scientist tested his theory of free fall by dropping two balls of differing masses from the Leaning Tower of Pisa. (+) This scientist's observation of Jupiter's moons countered the belief that celestial bodies revolved around the Earth. (*) For the points, name this Italian scientist who was put under house arrest by the Catholic Church for defending heliocentrism.**

ANSWER: **Galileo Galilei** (or **Galileo** di Vincenzo Bonaiuti de' **Galilei**; accept either underlined portion)

(23) **People who converted to Protestantism during this event to receive aid were known as "Soupers." Robert Peel's government collapsed after the Corn Laws were repealed in an attempt to alleviate this event. (+) This event is known as Gorta Mór, or the Great Death, in Gaelic. (*) For the points, name this disaster, during which over a million people starved in Ireland.**

ANSWER: Irish **Potato Famine** (or the **Great Famine**; prompt on "Famine" or "Irish Famine")

(24) **This American said, "Twenty million people are starving. Whatever their politics, they shall be fed!" while successfully lobbying for relief to Bolsheviks in the Povolzhye [[poh-VOHL-zhyeh]] Famine. This president defeated the first major Catholic candidate. (+) Al Smith, and promised a "chicken in every pot." The Black Tuesday stock market (*) crash occurred during the administration of, for the points, what Republican president who preceded FDR?**

ANSWER: Herbert C(lark) **Hoover**

(25) **This organ contains specialized macrophages called Kupffer cells. In vertebrates, gluconeogenesis [[GLOO-koh-nee-oh-"Genesis"]] typically occurs within this organ which contains retinol ester as a store for vitamin A. (+) Excessive alcohol use can damage this organ by cirrhosis [[suh-RHO-sis]], and swelling of this organ is known as hepatitis. (*)** For the points, name this large internal organ that filters toxins out of the blood.

ANSWER: **Liver**

(26) **In this state in 2021, Tucker Carlson was heckled by a man in a fishing shop who called him the "worst human being," and the police were called at an airport in this state after staff had a confrontation with Ted Cruz. (+) A governor of this state was convicted of assault for body-slammng Ben Jacobs, and that governor, Greg Gianforte, was defeated by Democrat Steve Bullock (*) in 2016. For the points, name this state which is governed from Helena.**

ANSWER: **Montana**

(27) **With Apollo, this god was forced to build the walls of Troy for Laomedon [[lay-OH-muh-don]]. This god killed Ajax the Lesser by splitting the rock to which he clung. Along with Aegeus, this god is usually said to be the father of the hero (+) Theseus. This husband of Amphitrite [[am-fih-TRY-tee]] was also the father of Pegasus and Triton. (*)** For the points, name this Greek god of the sea whose Roman equivalent is Neptune.

ANSWER: **Poseidon** (accept **Neptune** before "Greek" is mentioned)

(28) **This kind of natural object is found in lodes and is often refined by smelting, during which high heat separates metals from non-precious rocks. Prospectors typically search (+) for this kind of natural material, the extraction of which is the goal of mining. Often containing valuable (*) minerals or metals like iron or gold, for the points, what are these rock formations?**

ANSWER: **Ore** (prompt on "Rock" or "Metal" or "Mineral")

(29) **Materials at this site may have come from Waun [[WON]] Mawn in the Preseli [[preh-SEH-lee]] Hills. This site is surrounded by 56 chalk pits called Aubrey holes. The Heel Stone at this site roughly (+) marks where the sunrise appears on the horizon during the summer solstice. Supposedly built by Druids (*) thousands of years ago, for the points, what is this circular formation of rocks near Salisbury, England?**

ANSWER: **Stonehenge**

(30) **This thinker noted the color-changing camouflage of octopuses in his book *History of Animals*. In *On the Heavenly Spheres*, this thinker claimed stars were suspended in an imperishable aether [[AY-ther]]. (+) This thinker posited the Prime Mover in his *Physics*. The author of *Nichomachean* [[nih-koh-mah-KEE-an]] *Ethics*, (*)** for the points, who was this Greek philosopher and student of Plato?

ANSWER: **Aristotle** (or **Aristotélēs**)

Extra Questions

(1) **This island's east end is not in New Jersey, but it contains a namesake Pine Barrens. Most of this island is covered by Nassau and Suffolk counties. This island's easternmost point is known as The (+) Hamptons. This island is connected to Manhattan by the Queensboro Bridge and contains the borough of (*) Brooklyn.** For the points, name this New York island, the most populous island in the United States.

ANSWER: **Long** Island

(2) **The hunter Actaeon was transfigured into one of these animals and was then killed by his hunting dogs. Heracles chased (+) one of these animals from Keryneia [[keer-eh-NAY-ah]] for an entire year as his third labor. The Ceryneian Hind (*) was a female example of, for the points, which animals with antlers, a mammal holy to Artemis?**

ANSWER: **Deer** (accept **Stag** or **Doe**; accept **Hind** before mentioned)

(3) **One of these events occurred at Peshtigo, Wisconsin at the same time as an 1871 “great” instance of these events. It’s not the plague, but Samuel Pepys’s [[PEEPS]] diary was a source for information on an earlier (+) instance of one of these events in 1666. Another of these events might have started due to Mrs. O’Leary’s cow. (*)** For the points, name these events that engulfed Chicago and London, burning major landmarks such as St Paul's Cathedral.

ANSWER: **Fire** (accept descriptive answers involving **burning** before mentioned; accept Peshtigo **Fire**; accept Great Chicago **Fire**; accept Great Fire of **London**)