

LONE STAR

Head Edited by Daniel Ma. Edited by Daniel Ma, Thomas Gioia, Michael Yue, Roman Madoerin, Dr. Eric Mukherjee, Robert Condrón, Sean Doyle, and Michael Patison. Written by the editors, Jisoo Yoo, Johnny Vasilyev, Nikita Nair, Aayush Goodapaty, Josh Rubel, Ketan Pamurthy, Ned Tagtmeier, Akshay Shyam, and Michael Artlip. Playtested by Dean Ah Now, Hari Parameswaran, and Rohan Venkateswaran.

Packet 13

Only read this packet if the last tossup of the previous round was Ishiguro.

TOSSUP 1

Baloxivir inhibits this pathogen's cap-snatching ability, and this pathogen's genes are defined by the M1 and NP proteins. Oseltamivir treats infection with this pathogen by inhibiting its ability to cleave sialic acid. This pathogen can undergo antigenic drift and shift to mutate its hemagglutinin and (*) neuraminidase antigens. This member of the orthomyxoviridae family causes myalgias, cough, and a runny nose. For 10 points, name this pathogen whose H1N1 strain caused a 2009 pandemic, which can be prevented by an annual vaccine.

ANSWER: influenza <Ma>

BONUS

An August 2020 coup in this country came two months after at least 11 protestors aligned with the M5 were killed by security forces. For 10 points each:

[10] Name this Sahel country where president Ibrahim Boubacar Keïta and prime minister Boubou Cissé were ousted and arrested by military officers over accusations of stealing this country's parliamentary elections.

ANSWER: Republic of Mali

[10] A 2012 coup in Mali occurred after Muammar el-Qaddafi, the leader of this North African country, was deposed, allowing weapons to flow to rebel groups. Cities in this country include Benghazi and Tripoli.

ANSWER: State of Libya

[10] This European country maintains a force of over 5,000 soldiers in the Sahel, including in Mali. This country gained control of Mali and Senegal in the Scramble for Africa.

ANSWER: France [or French Republic] <Condrón>

TOSSUP 2

In a story by this author, a character has a vision of running deer after being admitted to a mental asylum that he previously ran. This author, who wrote of the crazed Doctor Ragin, reworked his earlier play *The Wood Demon* into a play that ends with repetitions of "We shall rest" from the character Waffles while he strums the guitar. That play depicts the attempted shooting of (*) Professor Serebryakov. In another play by this author, the servant Firs dies on a couch as Madame Ranevskaya's land is deforested. For 10 points, name this Russian author of *Uncle Vanya* and *The Cherry Orchard*.

ANSWER: Anton Pavlovich Chekhov <Yoo>

BONUS

While in this location, a character frantically cuts off a blood-soaked fringe from the cuff of his trousers after waking up from a delirious slumber on his sofa. For 10 points each:

[10] Name this location. The caretaker Nastasya brings food and tea to a man who hides a purse and other stolen items in a hole behind a small section of torn wallpaper in this location.

ANSWER: Rodion Romanovich Raskolnikov's apartment [or apartment number fourteen; accept descriptive answers such as "Raskolnikov's room"; prompt on partial answers or on answers describing the apartment building owned by Praskovya Pavlovna Zarnitsyna or on Shil's house]

[10] Raskolnikov uses one of these items stolen from the caretaker of his apartment building to murder Alyona and Lizaveta Ivanovna.

ANSWER: axe

[10] This Russian author created Raskolnikov in the novel *Crime and Punishment*.

ANSWER: Fyodor Dostoevsky <Condron>

TOSSUP 3

Members of the Red Eyebrows movement defeated a usurper during this dynasty. Wu Di ended Xiongnu raids during this dynasty. Sima Qian wrote *The Records of the Grand Historian* during this dynasty. Wang Mang briefly interrupted the rule of this dynasty that was founded by the peasant (*) Liu Bang and disintegrated into the Three Kingdoms after the Yellow Turban Rebellion. For 10 points, the contemporaneous Roman Empire traded on the Silk Road with what dynasty that gives its name to China's largest ethnic group?

ANSWER: Han Dynasty <Rubel>

BONUS

This quantity is equal to the negative of the energy of the HOMO according to Koopman's theorem. For 10 points each:

[10] Name this quantity that decreases down each group of the periodic table due to electron shielding, in which more interior electrons repel on valence electrons more greatly. This quantity increases down each period.

ANSWER: first ionization energy

[10] The elements of the periodic table are ordered by this other quantity, the number of protons in an atom.

ANSWER: atomic number

[10] Each of the seven periods of the periodic table correspond to the coefficients in these expressions used to describe the electronic structure of atoms. In these expressions, letters correspond to subshells, and superscripts correspond to the number of electrons found in each shell.

ANSWER: electron configuration <Shyam>

TOSSUP 4

This artist held events called *Exploding Plastic Inevitable* that included pioneering light shows. This artist painted *129 Die in Jet!* in a series of works showing deadly accidents titled *Death and Disaster*. During his Silver Era, this artist depicted electric chairs using an assembly line in his studio, The Factory. That same (*) silkscreen technique was used for this artist's depictions of Marilyn Monroe in bright colors. For 10 points, name this American Pop Artist who painted *Clam Chowder* and *Beef Broth* among his 32 Campbell's Soup Cans.

ANSWER: Andy Warhol <Vasilyev>

BONUS

According to some sources, this deity was raised by Thetis and Eurynome after he was cast away by Hera as a child. For 10 points each:

[10] Name this Greek god who fathered Erichthonius with Gaia after his attempt to rape Athena. This god caught his wife and her lover Ares in an unbreakable net and shamed them in front of the Olympians.

ANSWER: Hephaestus [do not accept or prompt on "Vulcan"]

[10] Hephaestus assisted Achilles when his slaughter of a group of soldiers angered the god of this river. Astyanax, the son of Hector and Andromache, was originally named after this river.

ANSWER: Scamander river [accept Xanthus or Scamandrius or Karamenderes river]

[10] The Scamander river ran through the Plains of this city. This city was sieged for 10 years by the Greeks in a war recorded in *The Iliad*.

ANSWER: Troy [accept Troia or Illos or Ilium] <Yoo>

TOSSUP 5

This thinker claimed that “Humanity itself is dignity.” This thinker responded to Benjamin Constant with the example of a murderer asking about one’s friend in “On a Supposed Right to Lie.” This thinker listed the kingdom of ends, humanity, and universality as three formulas for one concept. This (*) deontological ethicist wrote *Grounding for the Metaphysics of Morals* and developed the categorical imperative. For 10 points, name this German philosopher who wrote *Critique of Pure Reason*.

ANSWER: Immanuel Kant <Ma>

BONUS

This theory was tested in the Pound-Rebka experiment, which used gamma rays emitted by iron atoms via the Mossbauer effect. For 10 points each:

[10] Name this theory described by ten field equations, which were used to predict gravitational lensing.

ANSWER: general relativity [prompt on relativity]

[10] This scientist developed the theory of general relativity. Mass-energy equivalence is a principle in this scientist’s theory of special relativity, described by the equation “E equals m c squared.”

ANSWER: Albert Einstein

[10] Einstein stated that his introduction of this constant to relativity was his “biggest blunder.” This constant, symbolized uppercase lambda, represents the energy density of space.

ANSWER: cosmological constant <Pamurthy>

TOSSUP 6

The initial Democratic frontrunner in this election called for annexing Canada and was Champ Clark. Eugene Debs’s Socialist Party had their best result in this election, where the incumbent got 8 electoral votes due to his unpopular endorsement of the Payne-Aldrich Tariff and firing of Gifford Pinchot. Despite being (*) shot by John Schrank, the Progressive candidate in this election felt as “strong as a bull moose.” For 10 points, name this election in which William Howard Taft and Teddy Roosevelt were defeated by Woodrow Wilson.

ANSWER: Election of 1912 <Goodapaty>

BONUS

For 10 points each, name the following about European plains.

[10] The “Great” plain named for this country is surrounded by the Carpathians and Balkan Mountains. It is the westernmost extension of the plains of Central Asia.

ANSWER: Hungary

[10] The plains of Central Asia, extending west through Hungary, are of this biome. This semiarid grassland biome contains no trees, unlike the savanna.

ANSWER: steppe

[10] The southeast of this country includes the Bărăgan Plain, a large steppe bound to the south and the east by the Danube. This country’s capital city is Bucharest.

ANSWER: Romania <Ma>

TOSSUP 7

This quantity is usually reported based on a substance’s clear point. This quantity is lower for a eutectic mixture than its components. This quantity for an organic compound can be determined after placing a finely-ground sample into a capillary tube. On a phase diagram for water, the line representing this quantity has a (*) negative slope. The addition of a solute reduces the value of this quantity in a common colligative

property. For 10 points, name this quantity representing the temperature of a phase change from solid to liquid.

ANSWER: melting point [or freezing point or liquefaction point or crystallization point] <Condon>

BONUS

After his namesake “ring” of corrupt politicians was discovered by Smauel Tilden, this man escaped to Spain. For 10 points each:

[10] Name this man who embezzled over \$3 million in funds for New York City’s courthouse. He was portrayed by Thomas Nast as having a money bag for a head.

ANSWER: William Marcy “Boss” Tweed

[10] Boss Tweed led this New York City Irish-American political machine first led by William Mooney. William Legett’s Locofocos opposed this group, who gained support from immigrants by providing them services.

ANSWER: Tammany Hall

[10] Tammany Hall was finally brought down by this mayor of New York City. As senator, he co-sponsored an act with Goerge Norris that prohibited “yellow-dog” contracts.

ANSWER: Fiorello Henry LaGuardia <Nair>

TOSSUP 8

An episode of this show takes place in The Boiling Rock, where two characters rescue Chief Hakoda. Another episode of this show features a play satirizing the main cast and takes place on Ember Island. A character in this show unlocks the ability to move blood using water. That character belongs to the (*) Southern Water Tribe, and discovered the title character in an iceberg with her brother, Sokka. For 10 points, name this Nickelodeon show that features Katara and the adventures of Aang as he tries to save the world from the Fire Nation.

ANSWER: Avatar: The Last Airbender [prompt on Avatar or ATLA] <Vasilyev>

BONUS

This character walked in on his father having an affair in a hotel room. For 10 points each:

[10] Name this son of Willy, a former star football player, who is unable to graduate high school and play football at UVA after dropping out of his math class.

ANSWER: Biff Loman [prompt on Loman]

[10] Biff is a pivotal character in this playwright’s *Death of A Salesman*. This man’s play *After the Fall* is based on his failed marriage with Marilyn Monroe.

ANSWER: Arthur Asher Miller

[10] This other play by Miller about the Salem Witch Trials features the Puritan John Proctor and his wife Elizabeth. This play by Miller is often interpreted as an allegory for Mccarthyism.

ANSWER: *The* Crucible <Nair>

TOSSUP 9

The protagonist of this work, whose favorite motto is “Hold Fast”, is given royal honors on his 50th birthday for his novel Maia and prose epic on Frederick the Great. That character in this work observes a red-headed figure at a train station and is disgusted by an old man with makeup attempting to look younger. The protagonist of this work is confused by the (*) smell of disinfectant and later eats overripe strawberries while watching the Polish boy Tadzio on the beach. For ten points, name this novella about Gustav von Aschenbach’s demise in the title city, written by Thomas Mann.

ANSWER: Death in Venice [accept *Der* Tod in Venedig] <Nair>

BONUS

This man earned his moniker by killing his son and unborn grandson in a fit of rage, leading to the Time of Troubles. For 10 points each:

[10] Name this first man to be crowned Tsar of Russia, who was responsible for initial Russian expansion into Siberia. He massacred thousands at Novgorod and was succeeded by his incompetent son Feodor.

ANSWER: Ivan IV [accept Ivan the Terrible; prompt on partial answers]

[10] The Oprichnina, one type of this organization, committed the massacre at Novgorod. A later example of this group in Russia was the NKVD of the Soviet Union.

ANSWER: secret police [prompt on police]

[10] Ivan the Terrible was a member of this dynasty that formerly ruled Kievan Rus and was founded by a Varangian prince. Other members of this dynasty included Yaroslav the Wise.

ANSWER: Rurik Dynasty <Rubel>

TOSSUP 10

In 2020, protestors in this country attacked the motorcade of former Prime Minister Saad Hariri, who resigned after 2019 protests against a monthly tax on WhatsApp. The founder of this country's Free Patriotic Movement is Prime Minister Michel Aoun ("mee-SHEL ah-OON"). It's not Libya, but this country's city of (*) Tripoli received shipments of grain after this country's largest grain silos were destroyed. For 10 points, name this country where an ammonium nitrate explosion destroyed much of the port of Beirut.

ANSWER: Lebanon [or Lebanese Republic] <Condron>

BONUS

In biology, the hawk-dove game is used to model this behavior, which is exemplified by urine scent markings that tigers use to claim an area as their own. For 10 points each:

[10] Name this behavior in which an animal lays claim to a certain area and defends it from other members of its species. Animals exhibiting the type A form of this behavior defend their ability to court, mate, nest, and forage.

ANSWER: territoriality

[10] This other behavior is a symbiotic interaction that results in both species being benefited. Often contrasted with commensalism and parasitism, textbook examples of this behavior include humans and gut flora.

ANSWER: mutualism

[10] Juvenile killer whales learn this other specific behavior by observing adults. This behavior consists of the animal vertically holding its head above water to observe its surroundings, usually looking for prey.

ANSWER: spyhopping <Shyam>

TOSSUP 11

This instrument plays an offstage solo in "Pines Near a Catacomb" in Respighi's *Pines of Rome*. This instrument plays a repeated C-sharp to start Gustav Mahler's Fifth Symphony. This instrument opens the first "Promenade" of Ravel's orchestration of (*) *Pictures at an Exhibition* by Modest Mussorgsky. Three of these instruments play the opening melody in Aaron Copland's *Fanfare for the Common Man*, a brass and percussion work. For ten points, name this valved instrument most commonly in B-flat, the highest-pitched orchestral brass instrument.

ANSWER: trumpet <Vasilyev>

BONUS

This work criticizes Plato for forcing women to behave like men in order to join the guardian class, thus failing to recognize sexual differences. For 10 points each:

[10] Name this philosophical work by Simone de Beauvoir which declares, “One is not born but becomes a woman.”

ANSWER: *The Second Sex* [or *Le Deuxième Sexe*]

[10] *The Second Sex* is regarded as the foundational text of the second wave of this philosophical movement, which seeks social, political, and economic equality between men and women.

ANSWER: feminism [accept second-wave feminism]

[10] This concept within feminism, developed by Kimberlé Crenshaw, is used to analyze how different aspects of identity come together to create unique forms of oppression.

ANSWER: intersectionality [accept intersectional feminism] <Tagtmeier>

TOSSUP 12

Finding this value of logarithmic returns gives the volatility of a financial instrument. This value is divided by the square root of n to find the SEM. The sample and population versions of this quantity differ by using a denominator of n minus 1 or n, respectively. For a normal distribution, the (*) 68-95-99.7 rule gives the percentage of the data within one, two, and three multiples of this value from the mean. For 10 points, name this value, equal to the square root of the variance, which measures the spread of a data set.

ANSWER: standard deviation [prompt on sigma] <Mukherjee>

BONUS

In Buddhism, these things are known as *Sarira* and are preserved in stupas and pagodas. For 10 points each:

[10] Name these things. In Christianity, “first-class” examples of things include blood, skin, and bone fragments belonging to a saint.

ANSWER: relics

[10] In this branch of Buddhism, relics are housed in buildings called chortens. The spiritual leader of this branch of Buddhism is the Dalai Lama.

ANSWER: Tibetan Buddhism [prompt on Mahayana Buddhism; prompt on Vajrayana Buddhism; prompt on Tantric Buddhism]

[10] A relic known as the Shroud of Turin supposedly shows the image of this man’s body. Believers claim that the image on the Shroud appeared after touching the body of this man after he was crucified.

ANSWER: Jesus Christ [or Jesus Christ; prompt on God; prompt on Son of God] <Condrón>

TOSSUP 13

Ukawsaw Gronniosaw wrote the first of these works published in England. The subject hides in a tiny room for seven years to escape sexual harassment in one of these works by Harriet Jacobs. “Gustavus Vassa” wrote one of these works after working in the Royal Navy and was also named (*) Olaudah Equiano. The most famous of these works describes its subject giving his shipyard wages to Hugh Auld while learning to write there. For 10 points, what type of work is *My Bondage and My Freedom*, a sequel to the *Narrative of the Life of Frederick Douglass*?

ANSWER: slave narratives [accept synonyms for “narrative”; prompt on autobiography or memoir by asking “with what content?”] <Goodapaty>

BONUS

This architect developed the Plan Voisin, a redevelopment and modernization of Paris. For 10 points each:

[10] Name this architect who laid out his five points of architecture in the book *Towards a New Architecture* and advocated for the Radiant City.

ANSWER: Le Corbusier [accept Charles-Edouard Jeanneret]

[10] Le Corbusier used a motif of an open hand in many of his city plans, including his design of the city of Chandigarh in this country. Other architectural works in this country include the Taj Mahal.

ANSWER: Republic of India

[10] Le Corbusier and Oscar Niemeyer co-designed the headquarters of the United Nations. Niemeyer is more famous for designing most of this planned capital city in the Americas with Lucio Costa.

ANSWER: Brasilia <Pamurthy>

TOSSUP 14

A thrice-repeated three-note rhythm in this work's overture references a Masonic knock. In this work, one character sings "This Image is Enchantingly Lovely" as the Three Ladies present him with an image of a princess held hostage by the chief of the slaves, Monostatos. One character in this *Singspiel* sings an aria famed for its (*) high F's, "Der Hölle Rache," after ordering her daughter to kill Sarastro. Tamino marries Pamina and defies the Queen of the Night in, for 10 points, what comedic opera about the title instrument by Mozart?

ANSWER: The Magic Flute [accept Die Zauberflöte] <Vasilyev>

BONUS

Richard Enfield witnesses one character in this work run over a little girl, and that character later murders Sir Danvers Carew. For 10 points each:

[10] Name this novella. The lawyer Gabriel Utterson attends to the protagonist of this novella, a scientist who attempted to separate his good and evil parts into the title characters.

ANSWER: *The Strange Case of* Dr. Jekyll and Mr. Hyde [or Jekyll and Hyde]

[10] *The Strange Case of Dr. Jekyll and Mr. Hyde* was written by this author, who described Jim Hawkins' adventure as the cabin boy aboard the Hispaniola in *Treasure Island*.

ANSWER: Robert Louis Stevenson

[10] This recurring protagonist of Stevenson's novel *Kidnapped* allies with a Scottish stranger against the crew of the Covenant after being trapped there by his Uncle Ebenezer.

ANSWER: David Balfour [accept either underlined part] <Nair>

TOSSUP 15

This river was first fully navigated by John Goddard in 1951. The Nuer and Dinka peoples live along this river that flows through the Sudd wetlands. The term "delta" originally referred to the triangular shape of this river's delta, which contains the Damietta and Rosetta branches. Lakes Albert and (*) Victoria feed into this river's "White" branch, which joins its "Blue" branch at Khartoum, Sudan. For 10 points name this river on which the Aswan High Dam was built, which passes through Cairo, Egypt.

ANSWER: Nile <Goodapaty>

BONUS

This painting's composition is constructed upon two groups of bodies forming two pyramids. For 10 points each:

[10] Name this painting that depicts a crew struggling to survive in the ocean on the wreckage of the title ship.

ANSWER: *The* Raft of the Medusa

[10] This French Romantic artist was heavily inspired by Gericault's *The Raft of the Medusa* to create his own pyramidal composition, *The Massacre at Chios*. He also painted *Liberty Leading the People*.

ANSWER: Eugene Delacroix

[10] Delacroix repainted the sky in *The Massacre at Chios* after viewing this depiction of Willy Lott's Cottage in England painted by John Constable.

ANSWER: *The Hay Wain* <Vasilyev>

TOSSUP 16

It's not Seamus Heaney, but this writer described a "blood sisterhood" with fruits "fat / with blue-red juices" in the poem "Blackberrying." This poet wrote, "peel off the napkin / O my enemy. / Do I terrify?" in a poem that begins, "I have done it again. / One year in every ten." That poem by this poet ends, "out of the ash / I rise with my red hair / And I eat (*) men like air." This poet asserted that "every woman adores a Fascist" in a poem about "a man in black with a Meinkampf look." For 10 points, name this poet of "Lady Lazarus" and "Daddy."

ANSWER: Sylvia Plath <Nair>

BONUS

This process is prevented by artificial groins. For 10 points each:

[10] Name this process, in which an angle of approach causes sediment to ascend at that angle, then gravity causes it to descend straight down the slope. It results in mass horizontal movement of sediment.

ANSWER: longshore drift [or longshore current]

[10] Longshore drift is generated by the breaking of these things. In more open areas, these things do not generate any net movement of their contents and are hence "standing."

ANSWER: ocean waves

[10] Longshore drift occurs in these areas near the seashore that often have sand and are popular vacation spots.

ANSWER: beaches <Ma>

TOSSUP 17

For falsely claiming that this leader was dead, Claude François de Malet was executed. This leader introduced a system supplanting common law in the north of his country and Roman law in the south. The Belgian and Luxembourgish legal systems are based on this leader's Civil Code, which he enacted as (*) First Consul. This leader and Pius VII signed the Concordat of 1801 after he crossed the Alps and attacked Italy. For 10 points, name this French emperor, whose namesake Code reformed Europe during a series of wars that ended at Waterloo.

ANSWER: Napoleon Bonaparte [or Napoleon Bonaparte or Napoleon I] <Condron>

BONUS

The Duke of Caxias led one side through the "Deed of December" in this war. For 10 points each:

[10] Name this South American war fought by the namesake coalition organized by Bartolome Mitre. It began with an invasion of Brazil's Mato Grosso province.

ANSWER: War of the Triple Alliance [accept Paraguayan War]

[10] This Paraguayan leader ordered the invasion of Mato Grosso, starting the war. He was later captured and executed at the Battle of Cerro Cora, ending the war.

ANSWER: Francisco Solano Lopez [or Francisco Solano Lopez Castilo]

[10] Lopez's initiation of the war was unwise because it pitted Paraguay against Brazil, Argentina, and this country between Argentina and Brazil. Its capital of Montevideo is on the Rio de la Plata.

ANSWER: Oriental Republic of Uruguay <Nair>

TOSSUP 18

Priestesses of a temple named for this object make 7,000 jars of beer, which they dye with ochre at the request of a personification of this object. A god personifying this object is saved from a poisonous snake bite but only after a goddess convinces him to reveal his (*) secret name. This object is frequently shown between the claws of the scarab beetle. A god personifying this object must defeat the serpent Apep while in Duat. For 10 points, name this celestial object that Ra leads across the sky.

ANSWER: the sun [prompt on Ra by asking, "What object does Ra personify?"] <Condron>

BONUS

This writer spots Walt Whitman "poking among the meats in the refrigerator and eyeing the grocery boys" in one of his poems. For 10 points each:

[10] Name this poet who wrote the poem "Kaddish" in honor of his mother Naomi's death. He also wrote, "I saw the best minds of my generation / starving hysterical naked," to begin his long poem *Howl*.

ANSWER: Allen Ginsberg [or Irwin Allen Ginsberg]

[10] Allen Ginsberg was a part of this late 20th-century American literary movement that often met at Lawrence Ferlinghetti's City Lights Bookstore. Its other members include Gary Snyder, William Burroughs, and Jack Kerouac.

ANSWER: The Beat Generation [accept Beatniks]

[10] Ginsberg's poem "Howl" is dedicated to this man who he met at a mental asylum. He really did throw potato salad at a CCNY Lecture and also authored the essay collection "Mishap, Perhaps."

ANSWER: Carl Solomon <Nair>

TOSSUP 19

The protagonist of this novel meets a football-player-turned-lifeguard who hallucinates playing for the Cleveland Browns. In this novel, Charles Cheswick drowns in a community pool. A metaphorical fog machine is described by this novel's largely mute narrator as part of what he calls "the (*) Combine." Billy Bibbitt commits suicide at the end of this novel, which is narrated by Chief Bromden. Randle McMurphy battles Nurse Ratched in, for 10 points, what novel set in a mental hospital by Ken Kesey?

ANSWER: One Flew Over The Cuckoo's Nest <Rubel>

BONUS

This composer's Suite for Variety Orchestra was misidentified as his second Jazz Suite; the piano score to his actual Suite for Jazz Orchestra No. 2 was rediscovered in 1999. For 10 points each:

[10] Name this Soviet composer whose 5th symphony was written in response to Stalin's criticism of his opera *Lady Macbeth of the Mtsensk District*.

ANSWER: Dmitri Shostakovich

[10] The misidentification of Shostakovich's suites caused many to believe that this C-minor piece was in the Jazz Suite. Its opening theme is played by saxophone, and it is known for its use in Stanley Kubrick's *Eyes Wide Shut*.

ANSWER: Waltz No. 2 [or The Second Waltz; prompt on waltz]

[10] Another famous Russian waltz is this composer's "Waltz of the Flowers" from the second act of *The Nutcracker*.

ANSWER: Pyotr Ilyich Tchaikovsky <Vasilyev>

TOSSUP 20

When analyzing alternating currents, the crest factor relates the root mean square version of this quantity to

its “peak” version. The line integral of the electric field along two points gives the increase in this quantity between the points. In the water circuit analogy, a change in this quantity is represented by (*) pressure difference. Transformers decrease this quantity while increasing current. Power is calculated by multiplying current by this quantity. For 10 points, name this quantity that equals current times resistance in Ohm’s law, symbolized V.
ANSWER: **voltage** [accept **electric potential** difference, **electric pressure**, or **electric tension**] <Madoerin>

BONUS

Name the following about 18th century Native American wars, for 10 points each:

[10] This 1763 rebellion led by a namesake Ottawa chieftain, fought by the first significant multi-nation alliance, resulted in a stalemate. It included the use of smallpox blankets in the siege of Fort Pitt.

ANSWER: **Pontiac**’s Rebellion

[10] This nation and the Mingo fought in Lord Dunmore’s War under Cornstalk, and its chief Blue Jacket led the native forces at Fallen Timbers with the Miami Little Turtle. Tecumseh was a later leader of this nation.

ANSWER: **Shawnee**

[10] Teedyuscung was forced to give up this nation’s land in eastern Pennsylvania after the French and Indian War. This nation shares a name with the river flowing through Philadelphia, also the name of the colony east of Maryland.

ANSWER: **Delaware** [accept Lenni **Lenape**] <Ma>