

Bulldog High School Academic Tournament 2016 (XXV): "Pencil and paper ready..."

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Packet 10 Tossups

1. **This composer founded the Leipzig Gewandhaus ("ge-VAHND-house") orchestra, and conducted it in the premiers of Schubert's ninth, and Schumann's first symphonies. This composer ended several of his piano collections with "Venetian Gondola Songs." Like his sister Fanny, he was a child prodigy, writing his string octet in E-flat when he was just sixteen. He conducted the *St. (*) Matthew Passion* to kick off the Bach Revival. This composer's travels inspired symphonies nicknamed "Scottish" and "Italian." For 10 points, name this early Romantic composer of many *Songs Without Words* and a famous "Wedding March" from his music for *A Midsummer Night's Dream*.**

ANSWER: (Jakob Ludwig) Felix Mendelssohn-Bartholdy <JR>

2. **This element names a cheap, stable, and room temperature-active industrial catalyst for hydrogenation reactions. This element is purified by first forming its tetracarbonyl and then heating it. This element's oxyhydroxide is used in a namesake metal hydride cell. The first alkaline (*) battery contained a cathode of this element and a cadmium anode. Like iron and cobalt, it is ferromagnetic. Along with chromium, it is a major additive in stainless steel. A mix of iron and this element comprises most of the Earth's inner core. This group-ten element is purified in the Mond process. For 10 points, name this metal with symbol Ni.**

ANSWER: nickel [accept Ni until mentioned] <AF/JR>

3. **This man was targeted by the GKChP's "Gang of Eight." This leader admitted an economic slowdown before announcing the slogan "acceleration" or *uskoreniye*. This man implemented the relatively lax "Sinatra Doctrine." He was preceded by Konstantin (*) Chernenko. This man ended his nation's war with the *mujahideen* in Afghanistan. He famously has a port-wine birthmark on his forehead. This leader oversaw the dissolution of the Warsaw Pact. This leader's "openness" and "restructuring" policies were called *glasnost* and *perestroika*. For 10 points, name the final General Secretary of the Soviet Union, who was asked by Reagan to "tear down this wall!"**

ANSWER: Mikhail (Sergeyevich) Gorbachev <JR>

4. **Indigenous people of the Caribbean linked this idea with the waters in the mythical land of Bimini. Vedic and Hindu rishis were said to be able to shapeshift and to have this quality. Memnon's father notably lacked this quality and was later turned into a (*) grasshopper. Like Tithonus, the Cumaean Sibyl neglected to ask for this quality, causing her to shrivel up until only her voice was left. Conferred to the gods by the golden apples of Idunn, this quality is distinguished from eternal life. For 10 points, name this concept, frequently associated with a fountain, in which a person never ages.**

ANSWER: eternal youth [accept reasonable equivalents; prompt on "immortality"] <CX>

5. **A character created by this author claims that scientists like Liebig are "twenty times more useful" than poets like Goethe and Schiller. That character created by this author reveals his critical philosophy while gathering frogs for dissection. That character created by this author botches a duel with the aristocratic (*) Pavel over the servant-girl Fenichka. In that novel by this author, the independent Madame Odintsova comes to the deathbed of a character who accidentally gave himself typhus while performing an autopsy. For 10 points, name this nineteenth-century Russian novelist, who wrote about Arkady Kirsanov and the nihilist Bazarov in *Fathers and Sons*.**

ANSWER: Ivan (Sergeyevich) Turgenev <JR>

6. A painter in this style created *The Apotheosis of Spain* for the Royal Palace of Madrid, as well as the frescos in the Würzburg Residence. Another painting in this style depicts a people lining up for a golden boat while tiny putti fly overhead in a *fête galante* scene. This style of *The (*) Embarkation for Cythera* was characterized by heavy use of pastels and depictions of "frivolous" scenes, like a young man looking up the pink skirts of a girl on *The Swing*. For 10 points, name this highly ornamental style of Giovanni Battista Tiepolo, Antoine Watteau, and Jean-Honoré Fragonard, which followed the Baroque.

ANSWER: Rococo [prompt on "Baroque" or "Late Baroque"] <LL/JR>

7. This man theorized that "guilt" came about as a way for creditors to get sadistic pleasure from people who couldn't pay their debts. Walter Kaufmann is best-known for his translations of this philosopher's works. This philosopher's posthumous works were "edited" to be proto- (*) Nazi by his sister. This man described a "blonde beast" who, in the *Genealogy of Morals*, is opposed by a "slave morality." He theorized each human is driven by a "will to power" and should strive to become an *Übermensch*. For 10 points, name this German philosopher who wrote *The Birth of Tragedy* and *Thus Spake Zarathustra*, as well as the phrase "God is dead."

ANSWER: Friedrich (Wilhelm) Nietzsche <JR>

8. In a diamond-shaped diagram used to classify igneous rocks, this mineral is found alongside foid, alkali feldspar, and plagioclase. This mineral is found at the bottom of Bowen's Reaction Series. Its "beta" form has a hexagonal structure, and a deformed version of this material is found at the K–T boundary. Like obsidian and olivine, it fractures (*) conchoidally, and it comes in a "shocked" form. Other varieties of this mineral include citrine, onyx, and amethyst. This mineral is also used in many clocks due to its piezoelectric properties. For 10 points, name this second-most abundant mineral in the Earth's crust, which is composed of silicon dioxide.

ANSWER: quartz [prompt on silicon dioxide, silica, or SiO2 until "silicon dioxide" is read] <AF>

9. One of these events in Ferrara was started by Eugene IV to counter one in Basel. Another of these events was instigated by King Sigismund of Hungary. A movement named for these events was spurred by the decree *Haec sancta*. Jacques de Molay was killed in the aftermath of one of these events in Vienne called by Clement V. One of these events deposed Benedict XIII, Gregory XII, and John XXIII. An unsuccessful one of these events in (*) 1409 in Pisa was followed by one where Jan Hus was executed and Martin V was elected. For 10 points, the Western Schism was ended in Constance by what kind of event, a convocation of leaders of the Church?

ANSWER: ecumenical councils [accept conciliarism or conciliar movement; accept specific councils like the Council of Constance] <JR>

10. This event was emphasized in the early twentieth century by the Azusa Street Revival. To commemorate this event, churches are often decorated in red and priests wear red vestments. A holiday named for this event marks the beginning of the second period of Ordinary Time. Its name is Greek for "Feast of Weeks," and it is known as (*) Whitsun in England. The hymns *Veni Sancte* and *Veni Creator* are sung on this holiday. In this event, a group of Christians were mistaken for drunks when they began speaking in tongues, according to the Book of Acts. For 10 points, name this event in which the Holy Spirit descended upon the Apostles fifty days after Easter.

ANSWER: Pentecost [prompt on "Feast of Weeks" until read] <MK/JR>

11. A compromise version of this goal was rejected during Cripps' mission. A movement promoting this goal adopted Tennyson's phrase "Do or Die." This goal gained support after the passage of the Rowlatt Act and the most famous action of Reginald (*) Dyer. This goal was furthered by a boycott on foreign clothes called *swadeshi*, which involved wearing homespun *khadi*. This goal led Subhas Bose to support the Axis in World War II. This aim was later interpreted as the goal of the Sepoy Mutiny. This goal was promoted by the Dandi March, a.k.a. the Salt Satyagraha. For 10 points, name this most famous goal of Mahatma Gandhi.

ANSWER: **Indian independence** [accept any answer that involves **India** becoming **free** of British Rule] <JR>

12. **This value can be derived from the functions "*L*-of-*x*" and "*b*-of-*x*" using the Euler equation. Dividing this value by the capture efficiency gives the prey's isocline on a phase diagram for a Lotka–Volterra model. This quantity names a strategy characterized by a type III survivorship curve, small adult size, and (*) early, frequent reproduction. This kind of selection opposes *K*-selection in reproductive strategy. The doubling time of a population is given by the natural log of 2, over this quantity. The easiest way to find this quantity is to subtract the death rate from the birth rate. For 10 points, name this value that encodes how fast population size is increasing.**

ANSWER: population **growth rate** [or ***r***; accept ***r*-selection**; accept "instantaneous **rate of increase**" or "intrinsic **rate of increase**"] <IKD>

13. **In a very short story from this country, the protagonist is killed at the end of the novel he is reading. In another short story from this country, a man who obsessively visits an aquarium eventually becomes the title creature. In this country, the author of "Continuity of Parks" and "Axolotl" wrote a novel about the search for La Maga, which has a (*) "table of instructions" with different orders in which to read its chapters, and is titled *Hopscotch*. An author from this country wrote about a series of hexagonal rooms containing every book ever written, in "The Library of Babel." For 10 points, name this South American country home to Julio Cortázar and Jorge Luis Borges.**

ANSWER: **Argentina** [or **Argentine Republic**; or **República Argentina**] <IKD/JR>

14. **One opera by this composer transitions between acts two and three with an offstage "Humming Chorus." In another of his operas, the antagonist joins a choir singing the *Te Deum*, and the tenor compares the title character to his painting of Mary Magdalene in the aria "Recondita armonia." Later, that tenor sings this composer's aria "E (*) lucevan le stelle" ("ay loo-CHAY-vahn lay STAY-lay") while writing a letter to the title character, who sang "Vissi d'arte." In his most famous opera, the poet Rodolfo watches his love Mimi die of tuberculosis in the Latin Quarter of Paris. For 10 points, name this Italian composer of *Tosca* and *La bohème*.**

ANSWER: Giacomo **Puccini** [Giacomo Antonio Domenico Michele Secondo Maria Puccini] <CW>

15. **In a sermon-like political speech, this man declared "Human identity is no longer defined by what one does but by what one owns." This man controversially claimed in a *Playboy* interview that he had "Committed adultery in my heart many times." After Love Canal was declared a federal emergency area, this man signed the Superfund Law. He delivered the (*) "malaise" speech, green-lighted the unsuccessful Operation Eagle Claw, and negotiated the Camp David Accords. For 10 points, name this Democratic President from Georgia who failed to end the Iran hostage crisis and was defeated in the 1980 election by Ronald Reagan.**

ANSWER: Jimmy **Carter** [James Earl Carter, Jr.] <LL>

16. **An athlete with this surname recently passed Ryan Longwell to become the all-time leading scorer for the Green Bay Packers, and is their current kicker. A man with this surname founded his most famous band after being kicked out of the Byrds. A baritone with this last name popularized the intimate, (*) "crooning" vocal style. A hockey player with this surname was picked first overall in the 2005 NHL draft by the Pittsburgh Penguins. A guitarist with this surname formed a band with Stills and Nash. A singer with this name recorded the best-selling single of all time: "White Christmas." For 10 points, give this common surname of athletes Mason and Sidney, and the singer Bing.**

ANSWER: **Crosby** [David, Mason, Sydney, Bing] <AF>

17. A poem titled for one of these objects ends "And I will come again...tho it were ten thousand mile." These objects are how "summer has o'er-brimm'd their clammy cells" in "To Autumn." In another poem, these objects "flash upon the inner eye which is the bliss of (*) solitude." The speaker of that poem remarks "A poet could not but be gay, in [the] jocund company" of these objects, with which his heart dances at the end. A Robert Burns speaker compares his love to a "red, red" one of these objects. For 10 points, name these objects, a huge crowd of which Wordsworth sees in "I wandered lonely as a cloud."

ANSWER: flowers [accept roses; accept daffodils] <JR>

18. The fundamental unit for this quantity is squared in the numerator of the fine structure constant. Particles along the diagonals of an Eightfold Way diagram have the same value for this quantity. When a weak interaction undergoes a conjugation transformation, a combination of this symmetry with parity symmetry is violated. "This quantity times the (*) electric field," plus "this quantity times velocity-cross-magnetic field," gives the Lorentz force. The "elementary" value for this quantity was first measured in the Millikan oil drop experiment. The electrostatic force is proportional to this quantity for each particle, according to Coulomb's law. For 10 points, name this property that is positive for a proton.

ANSWER: charge [prompt on "Q" or "C"] <AF/JR/SE>

19. This city is connected by an eight-mile-long bridge to Niterói. Things from this city are called *carioca*. This city includes the surf spot Arpoador, close to its Leblon neighborhood. This city surrounds the Tijuca ("tee-ZHOO-cuh") Forest. The movie *City of God* is set in one of its suburbs. This city is home to the enormous (*) Maracana Stadium. The headquarters of Vale and Petrobras are both in this city. This city on Guanabara Bay is surrounded by slums called *favelas*. It's overlooked by Sugarloaf Mountain and includes Ipanema and Copacabana Beach. For 10 points, name this Brazilian city home to a huge statue of Christ the Redeemer and a famous Carnival.

ANSWER: Rio de Janeiro <JR>

20. In one poem, "it yet remains to see" whether this event will "unveil a third event to me." In another poem, during this event, "the Stillness in the Room was like the Stillness in the Air Between the Heaves of a Storm." In a poem usually titled for this event, "the Dews grew quivering...for only Gossamer, my (*) Gown" and the speaker pauses "before a House that seemed a Swelling of the Ground." In that poem, a personification of this event passes a "School, where Children strove at Recess - in the Ring." The author of that poem "heard a fly buzz" during this event. For 10 points, name this event for which Emily Dickinson "could not stop."

ANSWER: death [accept "I heard a fly buzz - when I died"; accept "Because I could not stop for death"; accept word forms like dying; accept close equivalents like "going to heaven" or "the close of my life"] <JR>

Tiebreaker

21. Much of this country's modern literature was translated into English by William Weaver. A novel from this country alternates between sections about "memory," "desire," and "signs," as well as "thin," "continuous," and "hidden" kinds of the title places. In that novel from this country, fifty-five of the title places are described by Marco Polo to Kublai Khan. In another novel from this country, an Aristotle treatise is poisoned by a character named for (*) Borges, a crime discovered by the monks Adso of Melk and William of Baskerville. The novels *Invisible Cities* and *The Name of the Rose* are from this country. For 10 points, name this home country of Umberto Eco and Italo Calvino.

ANSWER: Italy [or Italia; or Italian Republic; or Repubblica Italiana] <JR>

Packet 10 Bonuses

1. This man's unintentionally incestuous relationship with his sister Morgause led to the birth of Mordred, who would cause his downfall. For 10 points each:

[10] Name this legendary king of Britain, who ruled in Camelot and presided over the Round Table. Legend says that he will one day return to lead the Britons to victory over their enemies.

ANSWER: King **Arthur**

[10] After Arthur's affair with Morgause, the Questing Beast, which has the head and neck of this animal, appears to him. Isis gained power over Ra after she paralyzed him with one of these venomous animals.

ANSWER: **snakes**

[10] After the Battle of Camlann, Arthur was spirited away to this legendary island to recover from his wounds. Arthur's sword Excalibur was also forged on this island.

ANSWER: **Avalon** [prompt on **Fortunate** Isle or **Fortunate** Island] <CX/AF>

2. An enormous burst of neutrinos was observed from one of these events in the Large Magellanic Cloud in 1987. For 10 points each:

[10] Identify these tremendously bright events, which sometimes occur in conjunction with a core collapse. Colloquially speaking, they are the "explosions" at the end of the lives of large stars.

ANSWER: **supernovas** [or **supernovae**; do **not** accept or prompt on "nova"]

[10] A supernova is classified as Type II if its absorption spectrum displays the characteristic lines of *this* element. Intergalactic clouds of this element also produce the Lyman-alpha forest in the spectra of distant quasars.

ANSWER: **hydrogen** [or **H**]

[10] A type II supernova can also be identified by a shallow peak and long plateau on this kind of plot, which displays the luminous intensity of an astronomical object as a function of time.

ANSWER: **light curves** <SE>

3. In a sequence named for this object, you reach up, reach down, lunge, and then do a kind of diving pushup. For 10 points:

[10] Name this celestial object that is "saluted" in that sequence of moves.

ANSWER: the **Sun** [accept **Sun Salutation**; accept **Surya Namaskara**]

[10] One might do the Sun Salutation in a studio dedicated to *this* activity. Poses in this Indian form of spiritual exercise include "Warrior," "Child," and "Boat."

ANSWER: **yoga**

[10] A popular Yoga pose named for *this* animal is done by moving from your hands and knees to putting your feet back and making a "V" with your back.

ANSWER: **dog** [accept **Adho Mukha Svanasana**, **downward facing dog**, or **down dog**] <IKD>

4. Answer some questions about *Candide*, for 10 points each.

[10] *Candide* was written by this prominent philosopher and writer of the French Enlightenment.

ANSWER: **Voltaire** [or François-Marie **Arouet**]

[10] The subtitle of *Candide* refers to this philosophical position, which is espoused throughout the book by Pangloss. This position is rebutted by *Candide* when he ends the novel by saying "we must cultivate our garden."

ANSWER: **optimism** [accept answers referring to the "**best** of all possible worlds"]

[10] *Candide* includes elements of this novelistic genre. Late works in this genre included *Simplicius Simplicissimus*, *Gil Blas*, and *The Expedition of Humphry Clinker*.

ANSWER: **picaresque** novel <JR>

5. This principle is the standard baseline assumption in population genetics models. For 10 points each:

[10] Name this mathematical model, which only applies under idealized conditions.

ANSWER: **Hardy–Weinberg** equilibrium [or **H–W**; accept answers calling it a "model," "theorem," "law," etc.]

[10] In particular, the Hardy–Weinberg equilibrium only holds if *these* changes do not occur within the population. These genetic alterations often result from DNA replication errors or exposure to agents like ultraviolet light.

ANSWER: **mutations**

[10] Assuming a Hardy–Weinberg equilibrium of two alleles with frequencies p and q , what is the expected genotype frequency for heterozygotes?

ANSWER: **$2p-q$** [or "**2 p times q** " or "**2 times $p-q$** ," etc.] <JR>

6. This 1921 painting was created by the co-inventor of collage, and it also exists in a collage version. For 10 points each:

[10] Name this painting that features a man in black on the right, a man in an orange-yellow suit in the center, and a man in white and blue on the left. It probably depicts its artist along with Guillaume Apollinaire and Max Jacob.

ANSWER: **Three Musicians** [or **Musiciens aux Masques**]

[10] *Three Musicians* exemplifies the "Synthetic" stage of this early twentieth-century style of painting developed by Pablo Picasso. In this style, subjects are broken up into geometric shapes and depicted from multiple viewpoints.

ANSWER: **cubism** [accept word forms like "**cubist**"; accept **Synthetic Cubism**]

[10] This other painter co-developed cubism with Picasso. His own paintings include several views of L'Estaque, *Violin and Candlestick*, and *Man With a Guitar*.

ANSWER: Georges **Braque** <LL>

7. A recent election in this country saw both the lowest ever turnout and the highest ever percentage for the Pan-Green coalition. For 10 points each:

[10] Name this country that recently elected its first female president, Tsai Ing-Wen. Tsai defeated Eric Chu, who is the mayor of this country's city of New Taipei.

ANSWER: **Taiwan** [accept **Republic of China** or **ROC**; do **not** accept just "China" or "PRC"]

[10] Chu's campaign was badly hurt when the Taiwanese K-Pop singer Tzuyu was forced to apologize for showing *this* item during a TV show. Due to PRC protests, one cannot show *this* item during the Olympics.

ANSWER: the **Taiwanese flag** [accept reasonable equivalents; prompt for the country on answers that only indicate "showing a flag"]

[10] Tsai's party, the DPP, is generally in favor of Taiwanese Independence. On the other hand, *this* traditional party of power in Taiwan still claims that the Republic of China is the legitimate government of the mainland.

ANSWER: **Kuomintang** [or **KMT**; or **Guomindang**; or **GMD**] <IKD>

8. In the chapter "The Lived Experience of the Black," this man recalled being "fixed" as Black by a white man while sitting on a train. For 10 points each:

[10] Name this author of *Black Skin, White Masks*. He argued for a violent resistance to colonialism in *The Wretched of the Earth*.

ANSWER: Frantz (Omar) **Fanon**

[10] Fanon drew heavily on the thought of this German philosopher, who discussed the degrading influence of capitalism on workers in books like *Das Kapital*. With Friedrich Engels, he wrote *The Communist Manifesto*.

ANSWER: Karl **Marx**

[10] Marx was also a major influence on this earlier black thinker's book *Black Reconstruction In America*. He discussed the "double-consciousness" forced on black Americans in *The Souls of Black Folk*.

ANSWER: W.E.B. **Du Bois** [William Edward Burghardt Du Bois] <JR>

9. One branch of these people sacked Rome under Alaric. For 10 points each:

[10] Name these Germanic peoples, divided into "Visi-" and "Ostro-" branches. Under Theodoric, the "Ostro-" branch of these peoples ruled Italy during the first half of the sixth century.

ANSWER: **goths** [accept **Visigoths**; accept **Ostrogoths**]

[10] Theodoric's reign was crucial for later medieval scholars, because under him scholars like Cassiodorus codified Classical learning about *these* subjects. Nowadays, *this* term is applied to any education that isn't vocational.

ANSWER: the **liberal arts** [or **artes liberales**]

[10] Another of Theodoric's scholars was this man, who "wrote" important treatises on the liberal arts of arithmetic and music. He's most famous for his book *The Consolation of Philosophy*, written while he was awaiting execution.

ANSWER: Anicius Manlius Severinus **Boethius** <JR>

10. Herodotus claimed that Helen never arrived in Troy, and was in fact hidden away in this location. For 10 points each:

[10] Name this location, the furthest extent of Menelaus' voyage home according to the *Odyssey*.

ANSWER: **Egypt** [or **Aegyptos**]

[10] This Athenian tragedian dramatized that version of Helen and Menelaus's story in the play *Helen*. Other plays by him include *Medea*, *Alcester*, and *Hippolytus*.

ANSWER: **Euripides**

[10] In *Hippolytus*, Theseus calls on this god, his father, to strike Hippolytus dead. This god caused a bull to charge out of the sea, scattering Hippolytus' horses and destroying his chariot on the rocks.

ANSWER: **Poseidon** <CX>

11. Answer some questions about the Army of the Three Guarantees, for 10 points each.

[10] The Army was led by this man, the first emperor of Mexico and creator of the Mexican Flag. He was originally supposed to attack Vicente Guerrero, but instead switched sides and issued the plan of Iguala with him.

ANSWER: Agustín (Cosme Damián) de **Iturbide** (y Arámburu) [accept **Augustine of Mexico**]

[10] Iturbide and Guerrero supported independence from this country. This country ruled virtually all of South America until the nineteenth century, with the exceptions of Brazil, Suriname, and Guyana.

ANSWER: Kingdom of **Spain** [or Reino de **España**]

[10] The original Mexican revolt against Spain was sparked by the Cry of Dolores made by this man, a creole priest. He was defeated at Calderón bridge and shot on July 30th, 1811.

ANSWER: Don Miguel (Gregorio Antonio Ignacio) **Hidalgo**-(Costilla y Gallaga Mandarte Villaseñor) <LL>

12. Answer some questions about higher-order bonds, for 10 points each.

[10] Quadruple bonds are actually fairly common in compounds containing these elements, which have partially filled *d*-subshells and therefore form colorful compounds.

ANSWER: **transition** metals [or **transition** elements]

[10] It is hypothesized that a *quintuple* bond exists in the diatomic form of this element, which is more commonly found either as a hexafluoride for storage and enrichment, or as a dioxide in the fuel rods of nuclear reactors.

ANSWER: **uranium** [or **U**]

[10] *Sextuple* bonds exist in the diatomic gaseous forms of molybdenum and *this* metal, which has the highest melting point of any element.

ANSWER: **tungsten** [or **W**] <AF>

13. Answer some questions about the instrumental music of George Frideric Handel, for 10 points each.

[10] An early pirated version of Handel's Opus 1 included four sonatas for this instrument. Two of them play in Bach's Brandenburg Concerto number four and in the aria "Sheep May Safely Graze."

ANSWER: **recorders**

[10] Handel wrote six pieces in this genre for solo keyboard. In this kind of counterpoint, which is similar to a canon, a subject is introduced successively in several voices, and then freely developed in imitation.

ANSWER: **fugues**

[10] Handel's fugues may have been written for this keyboard wind instrument, since they were published as "voluntaries." These are the largest instruments, and they are most often played in churches.

ANSWER: pipe **organs** <JR>

14. When this man hears his daughter's voice singing in the village choir, it sounds to him like her deceased mother "singing in paradise." For 10 points each:

[10] Name this man who sits "under a spreading chestnut tree." His hair is "crisp, and black, and long," and he "owes not any man."

ANSWER: the Village Black**smith** [accept **Smithy**]

[10] The Village Blacksmith is the title character of a short poem by this once-wildly popular member of the Fireside Poets. This American poet also wrote *Paul Revere's Ride*.

ANSWER: Henry Wadsworth **Longfellow**

[10] Longfellow told the story of an Iroquois Chief who falls in love with Minnehaha in *this* epic poem. This poem is written in trochaic tetrameter, beginning "By the shores of Gitchee Gumee...."

ANSWER: *The **Song of Hiawatha*** <LL>

15. Answer some questions about the reign of Holy Roman Emperor Leopold I, for 10 points each.

[10] Leopold fought many wars with this other European monarch, including the Nine Years' War and the War of the Spanish Succession. This Absolutist Frenchman was known as the "Sun King."

ANSWER: **Louis XIV** [prompt on just "Louis"]

[10] Leopold was able to take most of Hungary back from the Ottomans after their defeat in battle near this city. Ottoman expansion under Suleiman the Magnificent had earlier been checked at a 1529 siege of this city.

ANSWER: **Vienna** [or **Wien**]

[10] This man was Leopold's go-to military commander. His major victories include the battles of Zenta and Oudenarde.

ANSWER: Prince **Eugene** of Savoy [or François-**Eugène** de Savoie; or Principe **Eugenio** di Savoia-Carignano; or Prinz **Eugen** von Savoyen] <JR>

16. This statement's magnetic version has a right-hand side of zero, implying that magnetic monopoles do not exist. For 10 points each:

[10] Identify this law commonly used to compute electric fields. Its integral form states that the electric flux through a closed surface equals the charge enclosed by that surface, divided by electric permittivity.

ANSWER: **Gauss's** law

[10] This nineteenth-century Scottish physicist collected Gauss's law together with three other equations about electromagnetism to mathematically explain the experiments of his colleague, Michael Faraday.

ANSWER: James Clerk **Maxwell** [accept **Maxwell's** Equations]

[10] One can use a cylindrical Gaussian surface to find that a straight line of charge creates an electric field that varies with *this* power of the distance from the wire.

ANSWER: **negative one** [or **inversely**; or **one over the distance**; do **not** accept just "one"; do **not** accept "inverse-square," "inverse-cube," etc.] <SE>

17. According to legend, this man silently meditated in a cave for nine years, until Huike ("HWAY-kuh") got his attention by cutting off his arm and offering it to him. For 10 points each:

[10] Name this monk, usually depicted with a beard and blue eyes. This twenty-eighth patriarch of Buddhism taught proto-kung fu at Shaolin monastery.

ANSWER: **Bodhidharma**

[10] Bodhidharma is regarded as the first patriarch of this branch of Buddhism, which is popular in East Asia. Japanese rock gardens are emblematic of this branch's emphasis on meditation and enigmatic simplicity.

ANSWER: **Zen** Buddhism [or **Chan** Buddhism; or **Seon** Buddhism]

[10] When asked by the Emperor Wu who he was, Bodhidharma replied "I don't know," an example of *these* traditional riddles of Zen Buddhism. These sayings are collected in the *Gateless Gate* and the *Blue Cliff Record*.

ANSWER: **koans** [accept **gong'an** or **kong'an**] <IKD>

18. The speaker says "Tread softly because you tread on my dreams" in this poet's "He Wishes for the Cloths of Heaven." For 10 points each:

[10] Name this author of semi-autobiographical poems like "Adam's Curse" and "The Fascination of What's Difficult." He described the "ancient, glittering...gay" eyes of "two Chinamen" in "Lapis Lazuli."

ANSWER: W.B. **Yeats** [William Butler **Yeats**]

[10] In a Yeats poem, one of these creatures "engenders...the broken wall, the burning roof and tower and Agamemnon dead" with Leda. He also wrote about "nine-and-fifty" of these creatures at Coole.

ANSWER: **swans** [accept "**Leda and the Swan**"; accept "**The Wild Swans at Coole**"]

[10] Yeats was a major force in the literature of this island nation, which was in the process of gaining independence from the neighboring United Kingdom. Thus, many of his poems include Gaelic themes from this island.

ANSWER: **Ireland** <JR>

19. This country is known for its strikingly intense film posters, and it was the partial setting of *The Double Life of Véronique*. For 10 points each:

[10] Name this country that produced *Knife In the Water*, the TV series *Decalogue*, and the *Three Colors* trilogy.

ANSWER: Republic of **Poland** [accept **Polska**]

[10] Kieslowski's *Three Colors* trilogy is based on *this* object. Like its American counterpart, this object is red, white, and blue, symbolizing the principles *liberté, égalité, and fraternité*.

ANSWER: the **French Flag** [or **Tricolore**; accept obvious equivalents like "**Flag of France**"]

[10] Kieslowski's *Decalogue* was inspired by *these* entities. *Ben Hur*-star Charlton Heston starred in Cecil B. DeMille's last movie, which was named for them.

ANSWER: The **Ten Commandments** <IKD>

20. This document claimed a certain island "belongs naturally to that great family of states of which the Union is the Providential Nursery." For 10 points each:

[10] Name this document, written in 1854 by American ministers in Europe, which called for the annexation of Cuba by the U.S.

ANSWER: **Ostend** Manifesto

[10] The Manifesto was supported by this man, who was then Minister to Great Britain. During his presidency, the Utah War was fought, the Lecompton Constitution was drafted, and the *Dred Scott* case was decided.

ANSWER: James **Buchanan**, Jr.

[10] James Buchanan was succeeded as president by this man. He declared "A house divided against itself cannot stand" and delivered the Gettysburg Address.

ANSWER: Abraham **Lincoln** <LL>

Tiebreaker

21. These agreements were negotiated by Gustav Stresemann. For 10 points each:

[10] Name these treaties that attempted to strengthen political ties between Western European countries. At the same time, they opened the Polish Corridor and the city of Danzig up to German claims.

ANSWER: **Locarno** Treaties

[10] The Locarno Treaties and the Kellogg–Briand pact were signed in this decade. In Europe, this decade was mostly spent dealing with the aftermath of World War I.

ANSWER: **1920s**

[10] The Locarno Treaties were entered into this organization's "Treaty Series." This organization was established by the Treaty of Versailles.

ANSWER: **Leagues of Nations** [or **LN**; or **Société des Nations**; or **SdN**] <JR>