

Bulldog High School Academic Tournament XXII (2013): *Praxis*? We Talkin' Bout *Praxis*, Man
By Yale Student Academic Competitions

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Special Thanks to John Lawrence and Mike Cheyne

Round Five Tossups

1. These events mediate serotiny in some *Eucalyptus* species and in lodgepole pines. The oldest known one of these events occurred in the Silurian, when the first tracheophytes appeared. Plants in environments prone to these events often can resprout adventitiously. After them, soils develop a hydrophobic surface and lose nitrogen to volatilization. The health of chaparral is probably maintained by the regular occurrence of these events. These events may be prevented by inducing controlled forms of these events or establishing “breaks” that prevent them from propagating. For 10 points, name these high-temperature events which only humans are known to be able to manipulate.

ANSWER: **fires** [accept anything that refers to things being on **fire** like **wildfire**, **forest fire**, and **brush fire**] <AS>

2. This movement’s sculptures include a boy riding piggyback in *Mother and Child*, by Jacques Lipchitz. A forearm in one painting of this style has X-shaped cuts on it and holds a broken sword. *Violin and Candlestick* and *Houses at L’Estaque* are by one of its developers, Georges Braque. Its prototype paintings included the African mask-like faces on five nude women in *Les Femmes d’Alger*. A mural in this style shows a screaming horse in black and white during the bombing of a Basque town. For 10 points, name this movement exemplified by *Guernica* and other late Picasso paintings, which showed many sides of 3D objects in abstracted flat forms.

ANSWER: **cubism** [or **cubist** movement; prompt on “abstract art”; do not accept “abstract expressionism”] <MJ>

3. One lawyer tied to this event, James St. Clair, argued about Operation Gemstone and Frank Wills’ discoveries before John Sirica. The Stennis Compromise failed to end this crisis, after which John Ehrlichman was imprisoned. G. Gordon Liddy oversaw participants in this event paid by CREEP, called the Plumbers. After it began, Archibald Cox was fired in the Saturday Night Massacre, and the Supreme Court ordered the release of edited tapes. It was exposed by an anonymous source nicknamed Deep Throat, and prompted the line “I am not a crook.” For 10 points, name this scandal surrounding a break-in to Democratic campaign headquarters orchestrated by Richard Nixon.

ANSWER: **Watergate** scandal [or **Watergate** burglaries; or **Watergate** break-in; or **Watergate** trial/cases; prompt “*U.S. v. Nixon*”] <JW>

4. During a phone call in this film, a young girl requests a “bush-baby” as a birthday present. One room in this film has a floor tiled with glowing white squares, where an aging character is surrounded by Baroque furniture. A villain in this film sings “Daisy Bell” as its last words. It contains shots of an octagonal corridor, and a gorilla hurls a bone in its opening, “Dawn of Man.” This film’s score starts with Strauss’s *Also Sprach Zarathustra* and its rising C-G-C trumpets. In its plot, orders to keep secret about a black monolith cause paranoia in an AI with a red camera eye called HAL-9000. For 10 points, name this Stanley Kubrick film set on spaceships.

ANSWER: **2001: A Space Odyssey** <MJ>

5. The work function measures the binding energy of these things. “Configurations” of them are often abbreviated by writing the symbol of a noble gas in square brackets. Multiplying their charge by one volt gives a unit of energy that is frequently used in particle physics. In an atom, the state of one of these is uniquely defined by four indices, including the spin quantum number, which exists due to the Pauli exclusion principle. In the Bohr model, these things orbit in distinct shells, but modern theories treat them as a cloud of probability surrounding a nucleus. For 10 points, name these negatively-charged subatomic particles.

ANSWER: **electrons** <AS>

6. This author wrote a biography of Elizabeth Barrett Browning's dog. Characters in one of this author's works include a rejected suitor named Peter Walsh and a veteran who has visions of his dead friend Evans. In another work, this author of *Flush* created the poet Augustus Carmichael and Lily Briscoe, two guests on the island of Skye. Another work by this author juxtaposes the suicide of Septimus Smith with the party-planning of the title woman. She concluded one novel with members of the Ramsay family sailing to the title location. For 10 points, name this suicidal feminist author of *Mrs. Dalloway* and *To The Lighthouse*.

ANSWER: Adeline Virginia Woolf <SJW>

7. This author compared an old man preparing to see the Veronica icon on pilgrimage to himself, and wrote another poem as a list of contradictory feelings such as "I burn and yet I freeze." This owner of a personal classics library opened one collection by addressing "You who hear the sound of scattered rhymes." This author of the *Rime Sparse* ("REE-mey SPAR-sey"), also called the *Canzoniere*, names a poetic form devised earlier than the Spenserian and Shakespearean forms, in which an eight-line octave precedes a six-line sestet. For 10 points, name this Italian poet who dedicated many sonnets to Laura.

ANSWER: Petrarch [or Francesco Petrarca] <MJ>

8. This thinker's views are discussed in the *Prison Notebooks* of Antonio Gramsci, who revised this man's thought to argue for a more reciprocal "base" and "superstructure" in society. This man argued that the "use-value" of goods might not coincide with their "exchange-value," and he broke from the Young Hegelians to argue that economic factors are the only driver of history. This dialectical materialist noted that religion is the "opium of the people." For 10 points, name this supporter of proletariat revolt against the bourgeoisie, who collaborated with Friedrich Engels on *Das Kapital* and *The Communist Manifesto*.

ANSWER: Karl Heinrich Marx <MJ>

9. This organization grew from Keir Hardie's independent group. It struck the controversial Clause IV from its constitution in 1995 and carried out the Beveridge report's recommendations after World War II. A leader of this party ceded direct rule in the Good Friday Agreement to help end the Troubles in Northern Ireland. Its first Prime Minister was Ramsay MacDonald. Under Clement Attlee, this party introduced the National Health Service, and in the 90s it rebranded as "New" and shifted to the center. For 10 points, name this party once led by Tony Blair, a center-left rival to Britain's Conservatives.

ANSWER: Labour Party <MJ>

10. One religious movement in this modern-day country began in a printer's house during Lent when two sausages were cut up and eaten. The burning of anti-Trinitarian Michael Servetus occurred in this country, where religious tension fueled the Kappel wars. A reformer from here argued for a purely symbolic Eucharist at the Marburg Colloquy. The first society based around the book *Institutes of the Christian Religion* was here; that society's founder believed in an elect that God chose by predestination. For 10 points, name this country split into cantons, the home country of Ulrich Zwingli, where John Calvin ran a theocracy in Geneva.

ANSWER: Switzerland [or Old Swiss Confederation; or Republique de Suisses; or Confoederatio Helvetica; or Republica Helvetiorum; or either underlined part of Schweizerische Eidgenossenschaft] <MJ>

11. The word "Nirankar" is used in this religion to convey shapelessness and timelessness. Its adherents believe in an "inward eye" which can be trained to see divinity through meditating, and serve communal meals in *langar* kitchens. This faith's sacred book, which is revered as though it were a personified spiritual leader, must be handled by a Granthi, and its holiest building is the Golden Temple. Its line of ten spiritual founders starts with Nanak. For 10 points, name this monotheistic religion expounded in the Punjab region of south Asia by *gurus*, which requires many male believers to wear turbans.

ANSWER: Sikhism [or Sikh faith; or Sikhs; prompt “Khalsa”] <MG>

12. The landscape described by this formalism consists of roughly “ten to the five-hundred” metastable vacua. The spacetime geometry described by it incorporates worldsheets bound to D-branes, as well as compactified spaces. Criticism of it often focuses on the large number of free parameters in the theory, making it practically untestable; however, this formalism also provides a basis for the anthropic principle. In the mid-90s, Ed Witten revolutionized this field when he united all types of them into M-theory, which describes an 11-dimensional universe. For 10 points, name this theory of everything in which all matter is composed of namesake tiny loops of energy.

ANSWER: superstring theory <BH>

13. This athlete was criticized for saying “ching chong yang” when talking about Yao Ming. When traded in 2009, he said he would “win a Ring for the King,” referring to teammate LeBron James. When he retired in June 2011, he was the NBA’s oldest active player. This man played the title characters—a genie and superhero respectively—in the movies *Kazaam* and *Steel*. His nicknames include “The Big Aristotle” and “The Diesel,” and many teams intentionally fouled him due to his poor free throw shooting. For 10 points, name this recently retired NBA player, best known for teaming with Kobe Bryant to lead the Lakers to three straight championships.

ANSWER: Shaquille O’Neal [accept Shaq] <Mike Cheyne>

14. These objects can experience a sudden spin-up or “glitch” when their crusts crack during a starquake, reducing their equatorial radii. It is thought that soft gamma repeaters are one type of these objects that are characterized by having gigatesla magnetic fields. A binary system of these was first discovered in 1974 and provided indirect evidence for gravitational radiation. They are slightly less-dense than quark stars, and form from core-collapse supernovae in stars under approximately 10 solar masses. For 10 points, name these stars that are composed of and named for a certain nuclear particle.

ANSWER: neutron stars [prompt on “pulsars” or “magnetars”] <BH>

15. Millicent Hodson reconstructed this work’s original choreography for a revival by the Joffrey Ballet in 1987. Superimposed E major and E-flat seventh chords form the basis of one section of this work punctuated with seemingly random accents. That section precedes the arrival onstage of an old woman telling the future and the “Dance of the Abduction.” A bassoon playing in an unusually high register opens the first of its two parts, entitled “The Adoration of the Earth.” In its final section, the “Sacrificial Dance,” the chosen girl dances herself to death. For 10 points, name this ballet choreographed by Vaslav Nijinsky and composed by Igor Stravinsky, which caused a riot at its 1913 premiere.

ANSWER: *The* Rite of Spring [or *Le sacre du printemps*] <MJ>

16. This author portrayed Florens, Lina, and Rebekah, the slave, servant, and wife of Dutchman Jacob Vaark, in a recent novel set in the 17th century. In another novel by this author, set in the town of Medallion, Nell Wright witnesses the title character causing Chicken Little’s death by drowning. In a third work by this author of *A Mercy*, Baby Suggs dies in the house 124 Bluestone Road, where Paul D comes to live as the lover of the protagonist. In that book by this Ohioan author of *Sula*, Sethe is haunted by the spirit of the infant daughter she killed after escaping slavery. For 10 points, name this American woman whose novels include *Beloved*.

ANSWER: Toni Morrison [or Chloe Ardelia Wofford] <SJW>

17. The empress Gudit destroyed one ancient state in this modern-day country, whose leader Ezana led a westward attack on Meroë which was recorded on tablets in the Ge’ez language. This country’s kings claimed direct descent from the Queen of Sheba and King Solomon. Portugal thought that this site of the kingdom of Axum was home to the legendary Prester John. The victor at Adowa, Menelik II, ruled this country as it retained its independence

through the colonial “scramble for Africa.” For 10 points, name this home of Haile Selassie, which more recently fought a bloody war of secession with Eritrea to its north.

ANSWER: **Ethiopia** [or **Itvoppva**; or **Abbyssinia**; accept **Axum** until “modern-day” is read but not after] <MJ>

18. This country’s “flying men” deliver packages by zip line in a region where a deadly hillside road to its town of Coroico claims over 200 lives a year. This home of the eastern Yungas valley is home to the Oruro carnival. Towns like Huanuni in this country declined along with its still-existent tin industry in the 80s, and a quarter of its population is of the Aymara ethnicity. The Salar de Uyuni, the world’s largest salt flat, is north of Lake Poopó within this country’s share of the altiplano. This country’s government encourages coca cultivation. For 10 points, name this landlocked South American nation with two capital cities, La Paz and Sucre.

ANSWER: Plurinational State of **Bolivia** [or Estado Plurinacional de **Bolivia**; or **Bulivya** Mamallaqta; or **Wuliwya** Suyu] <MJ>

19. One character in this poem dreams of an axe in the street years before he has seven loaves of bread laid at his feet in his sleep; that character confronts two scorpion-men at the base of a mountain. This poem’s protagonist fails to stay awake for a week. A son of Ninsun defeats a demon in the Cedar Forest in this poem. The title character’s companion, who helps him slay Humbaba, was tamed by the temple harlot Shamhat and is named Enkidu. For 10 points, name this poem about a king of Uruk who is two-thirds divine, an early Sumerian epic poem.

ANSWER: the *Epic of* **Gilgamesh** <GL>

20. This figure murdered Fimafeng in a dialogue-heavy text partly named for him. This being defeated the eagle-shaped Thiazi, and his son Vali was turned into a wolf who ate his other son Narfi. On one outing, he lost an eating contest to a similarly-named personification of fire. This being accused at least three gods of incest at a feast which he departed in the form of a salmon. He is currently tied beneath the earth under a venom-dripping serpent because he gave a blind archer mistletoe to arrange the death of Baldur. For 10 points, name this father of Hel and Fenrir who will fight the gods at Ragnarok, a mythical Norse trickster.

ANSWER: **Loki** <MJ>

[STOP HERE]

[You have reached the end of the round. Do not continue reading unless the game is tied or a tossup was thrown out earlier in the round.]

21. The country’s Potwar Plateau is home to large deposits of rock salt. A large geographical region of this country is the endorheic Sistan Basin in the south, which is bordered by the Sulaiman Mountains. This country is demarcated on its north by the British-established Durand Line. The Swat valley is located in its Khyber Pakhtunkhwa province in the north, which also contains the city of Abbottabad. This country is home to the state of Balochistan and the city of Lahore. For 10 points, Peshwar and Karachi are both in what South Asian country with capital at Islamabad?

ANSWER: Islamic Republic of **Pakistan** <BH>

Bonuses

1. This term describes any solid, stable, inorganic substance that has a definite crystalline structure. For 10 points each:

[10] Give this term that describes things like calcite, chlorite, and many other things ending in “-ite”. If you lived a few centuries ago, you might contrast this with “animal” and “vegetable”.

ANSWER: **mineral**

[10] One important property of a mineral is the color it makes when it is rubbed across a rough surface. That procedure is referred to by this name, which also describes the resulting color.

ANSWER: streak test [or word forms, including streaking]

[10] This iron-containing mineral leaves a distinctive red streak, which gives it its name. At room temperature, it is only weakly ferromagnetic, unlike magnetite.

ANSWER: hematite <AS>

2. Name the following composers who included unusual percussion instruments in their works, for 10 points each.

[10] This Austrian composer's Fourth Symphony opens with the sound of sleigh bells, and that work ends with a child's vision of heaven. He also wrote *The Song of the Earth* and the "Resurrection" Symphony.

ANSWER: Gustav Mahler

[10] This American avant-garde composer used automobile brake drums in his *First Construction (in Metal)*, but he's better known for a completely silent piece, *4'33"*.

ANSWER: John Cage

[10] This English composer of *The Bear* and *Faade* used an anvil in his best-known work, the cantata *Belshazzar's Feast*.

ANSWER: William Walton <KK>

3. This leader gave official academic posts to Trofim Lysenko, an agriculturist whose theory that excess cold might trigger plant evolution led to fraudulent results and huge crop failures. For 10 points each:

[10] Name this Soviet dictator who ran the Great Purge and fought Hitler during World War II.

ANSWER: Joseph Stalin [or Ioseb Djugashvili]

[10] This Soviet state suffered massive famine from the forced collectivization of its farms in the 30s under Stalin. After the Soviet era it was home to the Orange Revolution protests.

ANSWER: Ukraine [or Ukrainian Soviet Socialist Republic]

[10] Stalin "liquidated" this class of farmers with their own land holdings or animals, presenting them as enemies of the peasants and shipping the ones who weren't killed outright to Siberia and Kazakhstan.

ANSWER: kulaks [be careful and do not accept "gulags"] <MJ>

4. The newest of these systems abandoned CFC-12, a gas which was regulated due to its effects on the ozone layer by the Montreal Protocol. For 10 points each:

[10] Name this high-energy technology which now uses the HCFC-22 gas, which, while less harmful, is driving huge global warming due to its rapidly-expanding use in developing world windows.

ANSWER: air conditioning systems [or air conditioners; prompt "AC"]

[10] This Asian country, a key market for older air conditioners, suffered a 600-million person electrical blackout in 2012. Manmohan Singh is Prime Minister of this rival of Pakistan.

ANSWER: Republic of India [or Ganarajya Bharat]

[10] Manmohan Singh leads this party, which leads the United Progressive Alliance coalition. It dealt with huge women's rights protests in early 2013.

ANSWER: Congress Party [or Indian National Congress; or INC; or Bhāratīya Rāṣṭrīya Kāṅgrēs] <MJ>

5. An infamous example of these setups was designed by Stanley Milgram, whose inquiry into obedience led dozens of people to believe they had given lethal electric shocks in a Yale classroom. For 10 points each:

[10] Name this research method by which social scientists measure the causal effect of an independent variable on a dependent variable to test a hypothesis.

ANSWER: experiments

[10] In most experiments, this group with neutral data is compared to the experimental group after it *doesn't* undergo the main procedure. In a double-blind setup, the experimenter can't know if participants are in this group.

ANSWER: control group

[10] These studies observe a trend by selecting a group of people and collecting data from those same people over an extended time span, often for years.

ANSWER: **longitudinal** study <MJ>

6. This landmass's New Swabia region was explored by the Nazis. For 10 points each:

[10] Name this landmass also explored by James Clark Ross. This landmass' Bay of Whales, roughly four hundred miles from what is now McMurdo Station, is where Roald Amundsen landed on it.

ANSWER: **Antarctica**

[10] This rival of Amundsen led the unsuccessful Antarctic *Terra Nova* Expedition. This British explorer led the second party to reach the South Pole, which died in its entirety, including him.

ANSWER: Robert Falcon **Scott**

[10] This other Antarctic explorer, whose *Nimrod* Expedition climbed Mount Erebus, survived even when his ship *Endurance* got trapped in ice and sunk on an attempted trans-Antarctic voyage.

ANSWER: Ernest Henry **Shackleton** <JW>

7. Gail Collins and Paul Krugman are opinion columnists for this newspaper, which is owned by the Ochs-Sulzberger family. For 10 points each:

[10] Name this paper nicknamed the "Grey Lady," which competes with the more conservative *Wall Street Journal* within its city and nationwide.

ANSWER: *The* **New York Times**

[10] This *Times* columnist gets flak for using incoherent mixed metaphors in articles such as "Syria is Iraq." He praised business globalization in his book *The World is Flat*.

ANSWER: Thomas L. **Friedman**

[10] The suit *New York Times v. Sullivan* updated the legal standards for this crime, forcing plaintiffs to prove "actual malice" on the part of its perpetrators.

ANSWER: **defamation** [accept **libel**; accept **slander**] <MJ>

8. This quantity measures an object's resistance to rotational acceleration. For 10 points each:

[10] Name this quantity, which determines the angular acceleration that an object feels when a given torque is applied. It equals a constant specific to an object's shape times mass times radius squared.

ANSWER: **moment of inertia** [do not prompt on or accept "inertia"]

[10] Consider an ideal ring with negligible thickness. If it has a mass of 3 kilograms and a radius of 2 meters, what is its moment of inertia through its center?

ANSWER: **12** kilogram times meter squared [accept numerical equivalents in other units if necessary]

[10] If you now wanted to compute the ring's moment of inertia through an axis that went along one of its diameters, you might want to use this theorem, which relates certain moments of inertia of a plane figure.

ANSWER: **perpendicular-axis** theorem <AS>

9. This god was once abducted by pirates whom he turned into dolphins, and took Ariadne into his retinue on the isle of Naxos. For 10 points each:

[10] Name this child of Semele, a god followed by maenads. He used his power to drive people insane on Lycurgus, and in some accounts replaced Hestia on Mount Olympus after his birth.

ANSWER: **Dionysus** [or **Bacchus**; do not accept "Dionysius"]

[10] This king saved Dionysus's drunken satyr Silenus, leading Dionysus to grant this king's not-so-awesome wish to turn anything he touched to gold.

ANSWER: King **Midas** of Lydia

[10] This Theban king was torn apart by female followers of Dionysus, including his mother Agave, after he refused to believe that a god could be born and banned Dionysus-worship.

ANSWER: **Pentheus** <MJ>

10. In this novel, Corporal Himmelstoss tries to cure Tjaden of bedwetting by bunking him beneath another bedwetter. For 10 points each:

[10] Identify this novel, in which the schoolteacher Kantorek is forced to serve with the students he sent off to war. It is narrated by Paul Bäumer, who loses his resourceful friend Kat to shrapnel.

ANSWER: **All Quiet on the Western Front** [or **Im Westen nichts Neues**]

[10] This World War I veteran and author of *All Quiet on the Western Front* later penned a sequel, *The Road Back*.

ANSWER: Erich Maria **Remarque**

[10] When Bäumer's friend Kemmerich dies in the hospital, he bequeaths this set of possessions to Müller. Bäumer receives them after Müller is killed.

ANSWER: Kemmerich's **boots** [prompt on "shoes" or equivalents] <GL>

11. According to one source, this device is "the most fundamental tool in the chemist's arsenal." For 10 points each:

[10] Name this electronic device that can measure masses with an accuracy as good as 100 micrograms. They typically come with an enclosure around the weighing pan to prevent air currents from affecting their results.

ANSWER: **analytical balance** [prompt on "balance"; prompt on "scale"]

[10] Before using an analytical balance, you should perform this operation while nothing is on the weighing pan, so as to cancel out the effects of any debris that may be on the apparatus.

ANSWER: **zero** out the balance [or **tare** it; accept word forms; prompt on "reset" or other equivalents]

[10] If you don't need particularly high accuracy, you can instead use a scale that is attached to one of these devices. They obey Hooke's law, making it easy to relate the amount of extension to the weight pulling down on them.

ANSWER: **spring** (scale) <AS>

12. The flap-ball-change is a standard move in this dance style, which features prominently in the song "Turn It Off" from *Book of Mormon*. For 10 points each:

[10] Name this style of dance popularized by vaudeville. Its performers do fancy footwork while wearing shoes with percussive metal soles.

ANSWER: **tap** dancing

[10] A cop interrupts Gene Kelly's outdoor tap routine in this movie about the shift from silent films to talkies. He exclaims "what a glorious feeling" in the title song, whose filming mixed water with milk to make it more visible.

ANSWER: **Singin' in the Rain**

[10] In this parodic, offensive musical-within-a-musical, Roger De Bris directs a line of tap-dancing female troopers in leather boots and the title character calls himself "the German Ethel Merman".

ANSWER: **Springtime for Hitler**: *A Gay Romp With Adolf and Eva at Berchtesgaden* [from the musical of Mel Brooks's *The Producers*] <MJ>

13. After being spared by his nemesis, whom he followed through Montreuil-sur-Mer and Paris, this man commits suicide by throwing himself into the Seine. For 10 points each:

[10] Name this fictional policeman, who doggedly pursues Jean Valjean and spies on the fighters at the barricades.

ANSWER: Inspector **Javert**

[10] This author created Javert and the charismatic revolutionary student Enjolras in his *Les Misérables* and created Quasimodo in *The Hunchback of Notre Dame*.

ANSWER: Victor Marie **Hugo**

[10] In *Les Misérables*, a statue of this animal is a hiding place for the young boy Gavroche. A picture of this animal being devoured appears in Antoine de Saint-Exupéry's *The Little Prince*.

ANSWER: an **elephant** <SJW>

14. A renowned female mathematician from here, Hypatia, was killed by a Christian mob in 415 CE, perhaps for her Neoplatonism. For 10 points each:

[10] Name this Egyptian city home to an ancient library, whose namesake named at least twenty other cities after himself while conquering the known world for Macedonia.

ANSWER: Alexandria, Egypt

[10] Another Alexandria was founded on this river, whose namesake valley civilization included Harappa and Mohenjo-Daro. After refusing to continue into Asia, Alexander's army went back across it to Greece.

ANSWER: the Indus river [or Indos, or Sindhu]

[10] This set of generals divided up Alexander's empire and fought each other for it after his death. They included Ptolemy, Antigonus the One-Eyed, and Seleucus Nicator.

ANSWER: the Diadochi [or diadokhoi] <MJ>

15. This play includes a demand for exotic foods like "Ormitha Macarounda," but the main characters can only offer some cake and a bag of chips. For 10 points each:

[10] Name this play, in which the hit-men Ben and Gus are perplexed by instructions handed down from the floor above them by the title pulley-based device.

ANSWER: The Dumb Waiter

[10] This winner of the 2005 Nobel in Literature, the British playwright of *Old Times*, wrote *The Dumb Waiter*. He used his typical sparse, minimal dialogue in *The Birthday Party*.

ANSWER: Harold Pinter [or David Baron] <SJW>

[10] In this example of Pinter's "memory plays," Jerry's affair with Emma, the wife of his best friend Robert, is told in reverse-chronological order.

ANSWER: Betrayal <SJW>

16. One man in this painting, who holds a rope fastened to the arm of the painting's title character, is also depicted in the artist's *Head of a Negro*. For 10 points each:

[10] Name this painting in which a long-haired man plunges a harpoon. It also shows a 14-year-old boy who had already lost a leg before the moment it depicts.

ANSWER: Watson and the Shark

[10] This colonial American showed a boat in Havana harbor in his *Watson and the Shark*. He also painted Paul Revere and a *Boy with a Squirrel*.

ANSWER: John Singleton Copley

[10] Set on Christmas, this other historical boating scene by Emmanuel Leutze ("LOY-tsu") shows a general standing in a boat as his men row through icy water and one man holds an American flag.

ANSWER: Washington Crossing the Delaware <BS>

17. Edema typically co-occurs with this phenomenon. For 10 points each:

[10] Name this phenomenon that is characterized by increased capillary permeability and the diapedetic movement of neutrophils into the interstitial space. Interleukins cause this on a systemic level, as does TNF-alpha.

ANSWER: inflammation [accept things like acute inflammation]

[10] People with this disorder experience inflammation when exposed to specific ordinarily-harmless antigens like foods, and may suffer anaphylaxis. The hygiene hypothesis explains its prevalence in the modern era.

ANSWER: allergy [or word forms; or type 1 hypersensitivity; prompt on "hypersensitivity"]

[10] Anaphylaxis may be treated using this catecholamine hormone, sometimes with a namesake "pen". It is the primary secretion of the chromaffin cells of a namesake gland, and it stimulates the sympathetic nervous system.

ANSWER: epinephrine [or adrenaline; do not accept "norepinephrine" or "noradrenaline"] <AS>

18. One line in this poem claims, “I bequeath myself to the dirt to grow from the grass I love, If you want me again look for me under your boot-soles.” For 10 points each:

[10] Name this poem, whose famous lines include “I am large, I contain multitudes” and “I sound my barbaric yawp over the roofs of the world.”

ANSWER: “**Song of Myself**”

[10] This poet included “Song of Myself” alongside “When Lilacs Last in the Dooryard Bloom’d” and “I Sing the Body Electric” in his *Leaves of Grass*.

ANSWER: Walter “Walt” **Whitman**

[10] Whitman’s poetry is an early example of this poetic style, which does not use a consistent meter, rhyme scheme, or musical pattern. It often follows natural patterns of speech.

ANSWER: **free verse** <SJW>

19. Answer these questions about celebrations in modern-day Mexico, for 10 points each.

[10] In the nine days before this holiday, Mexican Christians knock on doors in imitation of Mary and Joseph finding an inn. Las Posadas precede this holiday for which Mexican households build Nativity scenes.

ANSWER: **Christmas** [or **Navidad**]

[10] This Mexican celebration overlaps with All Saints’ Day and All Souls’ Day in November. Celebrants set out sculptures of skeleton women called *catrinas* and eat candy skulls to honor their ancestors.

ANSWER: **Day of the Dead** [or **Día de los Muertos**]

[10] At this celebration, a teenage girl wears a white dress to a Thanksgiving Mass with up to seven maids of honor and seven chamberlains; her family then throws a party to mark the birthday at which she enters adulthood.

ANSWER: fiesta de **quinceañera** [prompt “fifteenth birthday” or similar answers] <MJ>

20. One campaign speech by this man claims that the nation’s banking class was “unanimous in their hatred” for him, after which he said “I welcome their hatred.” For 10 points each:

[10] Name this man who delivered the “Four Freedoms” speech and noted that “the only thing we have to fear is fear itself” in the first of his four inaugural addresses.

ANSWER: **Franklin Delano Roosevelt** [or **FDR**; prompt on “Roosevelt”]

[10] During his first hundred days, Roosevelt authorized this agency to establish “fair practices” and set prices, effectively creating production quotas. It had a blue eagle logo.

ANSWER: the **NRA** [or **National Recovery Administration**]

[10] This Chief Justice and former presidential candidate wrote a unanimous opinion striking down the NRA as unconstitutional in the *Schechter Poultry Corp.* ruling.

ANSWER: Charles Evans **Hughes**

21. This ruler wrote the “April Theses” to justify his leadership of the Bolshevik revolution and probably ordered the death of Tsar Nicholas II. For 10 points each:

[10] Name this goateed man, the first leader of the USSR.

ANSWER: Vladimir Ilyich **Lenin** [or Vladimir **Ulianov**]

[10] The creepy priest Rasputin claimed he could cure this condition in Tsar Nicholas II’s son. It affected many European monarchs due to interbreeding.

ANSWER: **hemophilia**

[10] The new USSR quickly signed this treaty with Germany to get out of World War I.

ANSWER: Treaty of **Brest-Litovsk**