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Toss Ups:

1. **An anarcho-socialist plot to assassinate this leader occurred during the High Treason incident, leading to 24 people being hanged, including feminist author Kanno. This man's namesake Constitution created the House of Peers and established the position of Prime Minister. This leader was presented with a five-point document known as the (*) Charter Oath, which abolished feudalism and allowed for the right to assemble. This successor of Emperor Komei was the victor of the Boshin War, coercing Shogun Yoshinobu into stepping down. For 10 points, name this emperor whose namesake "Restoration" facilitated Japan becoming an imperial power.**

ANSWER: Emperor Meiji <Peter/Ed PT>

2. **Arthur Jenness conducted an experiment on this phenomenon in which participants were asked to estimate the number of jellybeans in a jar. The autokinetic effect was used in another experiment on this phenomenon in which participants were asked how much a spot of light moved. That experiment was conducted by Muzafer Sherif. In another experiment on this phenomenon, several (*) confederates lied when asked to compare the length of lines. Solomon Asch studied—for 10 points—what phenomenon in which people alter their behaviors or opinions in response to those of other people?**

ANSWER: conformity [accept word forms involving conforming] <Alex/Ed. AS>

3. **In the presence of an acid catalyst, the addition of this molecule to imines will yield the corresponding aldehyde or ketone and an amine. This molecule is a monodentate ligand even though it has two lone pairs because this molecule's geometry only allows one lone pair to correctly orient itself to form a bond. The solid-liquid phase line of this compound has a negative (*) slope, and combustion reactions produce carbon dioxide and this molecule. This molecule with a specific heat of 4.18 Joules per gram per Kelvin is purified with ion exchange resins into its "DI" form. For 10 points, name this molecule referred to as the universal solvent that is used to cleave bonds in hydrolysis reactions.**

ANSWER: water [accept H₂O; accept dihydrogen monoxide from pedants] <Jonathen/Ed. JS>

4. **The speaker of one of this author's poems entreats the reader to "Take a look at the white, high berg on his forehead" after earlier claiming there is "No use whistling for the Lyonesse." This poet described the sun as a "red / Eye, the cauldron of morning" in a poem describing a jarring ride on the title (*) horse. This author used the lines "I rise with my red hair / and I eat men like air" to conclude one of her poems, and in another poem she wrote that "every woman adores a Fascist" before asserting that "There's a stake in your fat black heart." For 10 points, name this American confessional poet who wrote "Ariel," "Lady Lazarus," and "Daddy."**

ANSWER: Sylvia Plath <Peter/Ed. AS>

5. **It's not GUT, but a theory with this prefix is being tested by the MEG experiment, which is attempting to observe the decay of a muon into an electron and a photon. Little and Parks tested a theory of a phenomenon with this prefix that predicts a coherence length equal to two h-bar times drift velocity over pi times the band gap energy. A theory with this prefix predicts the existence of particles like (*) wino, higgsino, and squark. Materials exhibiting a phenomenon with this prefix expel a magnetic field beyond the London penetration depth in the Meissner effect. Fluids with a property that has this prefix have zero viscosity. BCS theory describes a phenomenon with—for 10 points—what prefix found in the name of conductors that have no resistance?**

ANSWER: super [accept word forms of: supersymmetry, superfluidity, superconductivity] <Leo/Ed. JS>

6. In Steve Erickson's novel *Shadowbahn*, a structure central to this event appears in the South Dakota Badlands and is home to Jessie Presley, Elvis's brother. In Don DeLillo's *Falling Man*, the title performance artist takes inspiration from this event, and this event happens midway through Thomas Pynchon's *Bleeding Edge*. In a different novel, Oskar Schell finds a key in a vase belong to his father, who died in this event. That novel is (*) *Extremely Loud and Incredibly Close* by Jonathan Safran Foer. For 10 points, name this 21st century event that inspired Art Spiegelman's graphic novel *In The Shadow of No Towers*.

ANSWER: 9/11 [or September 11th terrorist attacks] <Taylor/Ed. AS>

7. One publication devoted to this movement, *Lucifer the Lightbearer*, had its entire editorial staff arrested for obscenity after they published a letter condemning marital rape. The "propaganda of the deed" was a crucial tenet of this movement, whose first American member developed the Cincinnati Time Store, where you paid with labor rather than money, and was named Josiah Warren. The *Prison Memoirs of [one member of this movement]* were written by a man who attempted to assassinate (*) Carnegie chairman Henry Clay Frick, Alexander Berkman. This movement was advocated for in *Mother Earth*, written by Emma Goldman. For 10 points, Nicola Sacco and Bartolomeo Vanzetti were members of what far-left movement that advocates stateless society?

ANSWER: anarchism in the United States [accept word forms; accept forms of anarchy like anarcho-communism or anarcho-syndicalism] <Tracy/Ed PT>

8. This composer collaborated with David Byrne in producing the studio album *Songs from Liquid Days*. This composer's second string quartet was used as incidental music by Samuel Beckett's theater company, while his third was used in the film *Mishima: A Life in Four Chapters*. Another work by this composer treats the legend of Walt Disney's cryogenic freezing and is titled *The Perfect American*. An opera by this composer sets (*) Sanskrit text from the *Bhagavad Gita* to music and depicts the life of Gandhi. That work is part of a series that also includes a work with a "Spaceship" scene, whose sections are separated by "Knee Plays" in which the performers repeatedly sing numbers. For 10 points, name this minimalist composer whose *Portrait Trilogy* includes *Einstein on the Beach*.

ANSWER: Philip (Morris) Glass <Alex/Ed. TH>

9. In a reaction possibly linked to the NPQ process, an excess of this phenomenon causes an epoxy group to be removed from an oxygen-containing class of tetraterpenoids. This phenomenon induces a conformational change in the C terminal extension of CRY which then activates and bonds to TIM, leading to the degradation of TIM. Aphids are unique among insects in their ability to synthesize carotenoids, which are sensitive to this phenomenon. Entrainment is caused by the exposure of neurons in the ventrolateral (*) suprachiasmatic nucleus to this phenomenon. P680 and P700 dimers are crucial to reactions that depend on this phenomenon that take place in thylakoid membranes. Circadian rhythms are influenced by cycles of darkness and--for 10 points--what phenomenon that is absorbed by chlorophyll and other plant pigments?

ANSWER: light [accept word forms; accept electromagnetic radiation; accept any specific kind of light, e.g. UV; infrared, etc.] <Jonathen/Ed. JS>

10. A bandleader who plays this instrument had a video installation at the 2017 Whitney Biennial which used his piece "Truth" from his album *Harmony of Difference*. That bandleader who plays this instrument composed the tracks "Changing of the Guard" and "The Rhythm Changes" for his three hour album *The Epic*. Kamasi Washington plays this instrument, as does a hard bop musician known for albums like *The Bridge* and one called *this instrument Colossus*. That man is (*) Sonny Rollins. Another player of this instrument used a gong hit to open an album featuring movements called "Acknowledgment" and "Resolution." For 10 points, the albums *A Love Supreme* and *My Favorite Things* were made by John Coltrane, a player of what instrument?

ANSWER: tenor saxophone [accept alto or baritone or soprano saxophone] <Taylor/Ed. TH>

11. In a play by this author, the squire Robert de Baudricourt refers to English soldiers as “goddams.” Later in that play by this man, a female military commander is able to identify the dauphin of France on sight and causes the winds to change so an army can cross a river. In a different play by this man, the anarchist Jack Tanner is selected to be the guardian of Ann in Mr. Whitefield’s will, though he later goes on to marry her. That play by him features the oft-cut third act (*) *Don Juan in Hell*. In his most famous play, this man created the linguist Henry Higgins who attempts to change the manner of speech of Eliza Doolittle. For 10 points, name this author of the plays *Saint Joan*, *Man and Superman*, and *Pygmalion*.

ANSWER: George Bernard Shaw <Taylor/Ed. AS>

12. In a myth from this country, the massive frog Tiddalik drank all the world’s fresh water until a dancing eel was able to cause him to laugh it all back up. According to one story from this country, the eagle god Bunjil stopped the seas from rising during time of war by thrusting his spear into the seas. Bunyips are large carnivorous beasts that inhabit the bodies of water of this country according to native myths. (*) Songlines are contours on the landscape from a creation myth that can be used by natives of this country to remember directions in the wilderness. The Yowie is a cryptid that is the country’s equivalent to North America’s Bigfoot. The Rainbow Serpent created humanity during the dreamtime in—for 10 points—what country whose mythology comes from its Aboriginal people?

ANSWER: Australia [prompt on Aboriginal myth by asking for the country] <Taylor/Ed. TH>

13. Robert Conquest’s book *Harvest of Sorrow* details event promulgated by this leader. This leader led the anti-semitic “Doctor’s Plot” campaign in which he accused several Jewish physicians of plotting to assassinate leaders of his government. A speech denouncing this leader noted that “not even the (*) czars created prizes they named after themselves.” That speech which denounced this then-recently deceased leader was Khrushchev’s “Secret Speech.” This man implemented a series of Five Year Plans in his country which resulted in the kolkhoz collective farming system. For 10 points, name this leader of the Soviet Union after Vladimir Lenin, who led his nation through World War II.

ANSWER: Joseph Vissarionovich Stalin <Taylor/Ed. PT>

14. One Biblical figure with this name was, with Matthias, one of two people selected to replace Judas Iscariot as an apostle. Another Biblical figure with this name apocryphally created the Glastonbury Thorn with his staff. Yet another Biblical figure of this name pardoned a brother for the supposed theft of a (*) silver cup. One Biblical figure with this name owned the tomb Jesus was buried in and another man with this name was told that he shouldn’t divorce a pregnant woman to whom he was betrothed. For 10 points, give this name shared by a man of Arimathaea, a dude with a colorful coat, and the husband of the Virgin Mary.

ANSWER: Joseph [accept Barsabbas on the first clue] <Brad/Ed. TH>

15. British reconquest of islands in this body of water were outlined in Operation Constellation. Earlier, a victory during the “Year of Miracles” during the Seven Years War was won by Edward Hawke at the Battle of Quiberon Bay in this body of water. Operation Sea (*) Lion never took place due to Hitler’s failure to gain air supremacy over this body of water. An amphibious invasion across this body of water saw multiple Allied landings at beaches like Omaha and Juno during Operation Neptune. For 10 points, name this European body of water which separates the British Isles from mainland Europe.

ANSWER: English Channel [accept Channel Islands] <Peter/Ed. PT>

16. These animals are the subject of a parable told by Colonel Hathi in the short story “How Fear Came,” wherein he explains why these animals are sometimes allowed to kill humans for sport. A children’s book partially titled for one of these animals depicts Sophie, a young girl who wishes she could play the ukulele. That work is titled for one of these animals “That Came to Tea.” In a short story partially titled for one of these animals, a “semi-barbaric” king devises a mechanism for suspected (*) criminals to administer justice to themselves. That story partially titled for this animal was written by Frank Stockton. In *The Jungle Book*, an animal of this type is extremely prideful despite his broken leg. Shere Khan is—for 10 points—what type of large cat?

ANSWER: tigers <Alex/Ed. AS>

17. This is the first noun in the title of a painting which features a paper that partially translates “My great unhappiness gives me a right to your benevolence.” Another painting with this first word in its title features three family members of the central figure ascending a staircase in the background. The central figure slumps over clutching a (*) quill near a knife in a painting titled for this event, and another painting described by this word sees its central figure point upward while reaching for a cup of hemlock while his companion Crito clutches his leg. For 10 points, name these events that are central to two Jacques-Louis David paintings featuring Marat and Socrates.

ANSWER: **Deaths** [accept *Death of Socrates* or *Death of Marat*; accept *mort*] <Taylor/Ed. TH>

18. A rock formation called Camel Rock is found in the Tesuque Reservation north of this state’s capital. That capital of this state contains the Cathedral Basilica of St. Francis of Assisi and the Institute of American Indian Arts. Walter De Maria’s destination art piece *The Lightning Field* is located in this state, which also contains the Very Large Area radio telescope facility. (*) Carlsbad Caverns are in the southeastern corner of this state, and this state also contains the town of Truth or Consequences, named after a game show. The atomic bomb was developed at Los Alamos National Laboratory in this state. It’s not Colorado, but this state’s capital has the highest elevation of any state capital. For 10, points, name this southwestern state whose capital is Santa Fe.

ANSWER: **New Mexico** [or **NM**] <Taylor/Ed. TH>

19. Lionel Giles refuted Everard Ferguson Calthrop’s translation of a treatise about this practice, claiming that he had “willfully distorted or slurred over” difficult passages. One of the reasons for engaging in this practice was described by Karl Walzer as preventing “crimes that shock the moral conscious of mankind.” This practice was described as “merely the continuation of policy by other means” in the best known work of (*) Carl von Clausewitz. In *City of God*, St. Augustine described how this practice could be acceptable when it was authorized by a legitimate government, which he called the “just” form of this practice. A treatise on this subject advises the reader to “know the enemy and know thyself.” For 10 points, Sun Tzu wrote about the “art of” what subject involving fighting between multiple states?

ANSWER: **war** [accept more specific answers involving **war**; accept *The Art of War*; prompt on **fighting** or **battle**] <Alex/Ed. AS>

20. Some of these objects that follow the Kreutz path have been discovered by amateur scientists using data from the LASCO instrument on SOHO. Fred Whipple proposed a model for the composition of these objects that suggests their interior may be porous. Frederick VI of Denmark gave Maria Mitchell a medal for discovering one of these objects. The Giotto mission studied the composition of material (*) outgassed by one of these objects. In 2014, *Rosetta* entered into orbit around one of these objects that *Philae* later landed on. Short-period examples of these objects are thought to have their origins in the centaurs or the Kuiper belt, while long-period ones come from the Oort cloud. These objects possess a nucleus, coma, and ionized tail caused by solar wind. For 10 points, name these objects made up mostly of ice and dust, which include one named for Haley.

ANSWER: **comets** [accept sungrazing **comets**; accept long or short period **comets**; prompt on **small solar system bodies**] <Taylor/Ed. JS>

Bonuses:

1. The final song on Neil Young's *After the Gold Rush* is named for a "Ferry" that travels on this body of water. For 10 points each:

[10] Name this body of water that titles a traditional Appalachian fiddle song and a song by The Band in which a woman is said to be "a drunkard's dream if I ever did see one."

ANSWER: **Cripple Creek**

[10] The creek that inspired those songs is either in Virginia or this US state. The pop group 3OH!3 (three-oh-three) is from this state and named for one of its area codes. John Denver adopted his stage name because of his love of this US state.

ANSWER: **Colorado**

[10] This band relocated to Denver, Colorado to record their albums *On Avery Island* and *In the Aeroplane Over the Sea*. This indie folk band is lead by the Anne Frank-obsessed Jeff Mangum.

ANSWER: **Neutral Milk Hotel** <Taylor/Ed.TH>

2. Identify some common Native American dwellings. For 10 points each:

[10] These conical tents featuring smoke flaps were often made from buffalo hide by the natives of the American and Canadian plains regions.

ANSWER: **tipis** [or **teepees**]

[10] These round, below-ground structures which were used by the Pueblo people of the American Southwest were often the site of religious rituals and community meetings. Most of these structures were entered through holes in their roofs.

ANSWER: **kivas**

[10] Sometimes called Birchbark houses after their construction material, these structures made by the Algonquin people came in conical, rectangular, and domed designs.

ANSWER: **wigwams** [accept **wetu**] <Taylor/Ed. AS>

3. This document's draft was translated by missionary Henry William and his son from English to Te Reo, so an indigenous party understood the bylaws being agreed upon. For 10 points each:

[10] Name this treaty which gave Queen Victoria and the British Empire sovereignty over New Zealand.

ANSWER: Treaty of **Waitangi**

[10] The Treaty of Waitangi was signed by chiefs of these indigenous people of New Zealand who settled North and South Island for East Polynesia in the 14th century.

ANSWER: **Maori**

[10] The inter-tribal conflicts known as the Musket Wars were followed by this short conflict also known as Hōne Heke's Rebellion. It takes its name after Chief Hōne Heke cut down the namesake mast in an act of defiance against early British settlers.

ANSWER: **Flagstaff** War <Peter/Ed PT>

4. Name some things related to stoichiometry, for 10 points each:

[10] In a chemical reaction, this is the name given to the substance that is completely used up in the reaction. Once this substance for a reaction has been identified, the theoretical yield can be calculated.

ANSWER: **limiting reagent**

[10] When constructing the stoichiometric matrix, each reaction in the network is assumed to have this property which is *not* possessed when k_{-f} is much greater than k_{-r} . The law of mass action governs the equilibrium kinetics of elementary reactions with this property.

ANSWER: **reversible** [accept word forms]

[10] The coefficients calculated when balancing chemical equations indicate the relative number of these units needed for each molecule. One of these units represents 6.022×10^{23} molecules.

ANSWER: **moles** <Jonathen/Ed. JS>

5. For 10 points each, name some things about works of art that were created by the act of submerging things in liquids.

[10] In 1987, controversy arose over photographer Andres Serrano's work *Immersion*, which depicts a plastic Jesus Christ floating in a glass of this liquid. This fluid was used by Andy Warhol to create his *Oxidation* series, along with copper paint.

ANSWER: his **urine** [accept **piss**, as in **Piss Christ**, the alternate name for Serrano's *Immersion*; accept other synonyms]

[10] Damien Hirst suspended a 14-foot long one of these animals in formaldehyde in the work *The Physical Impossibility of Death in the Mind of Someone Living*. John Singleton Copley depicted one of these aquatic animals in his painting *Watson and* [this animal.]

ANSWER: A tiger **shark** [Accept **Galeocerdo cuvier**; accept other types of **sharks**, but if their answer is **wobbegong**, anti-prompt, and ask what they are smoking]

[10] Grenada's Molinere Underwater Sculpture Park contains over 100 concrete statues created by British artist Jason deCaires Taylor, including *Vicissitudes*, which shows a group of people performing this action. Matisse's *The Dance* shows five nudes dancing while doing this.

ANSWER: **holding hands** [accept descriptive answers of people in a circle **joining hands**] <Tracy/Ed. TH>

6. Although more similar to a linker or loader, an early one of these programs called the A-0 system was developed by Grace Hopper for the UNIVAC I. For 10 points each:

[10] Name these programs that generate a parse tree to build the symbol table and may attempt to optimize code. More modern examples of these programs include gcc and clang.

ANSWER: **compilers**

[10] Compilers perform syntax analysis based on the rules of one of these grammars. These grammars, formalized by Noam Chomsky, must have the start symbol of a production rule be a single non-terminal symbol.

ANSWER: **context-free** grammars [or **CFGs**]

[10] The end result of compilation is object code, which is often described by this term because object code consists of only 1s and 0s. This term also describes the number system used by almost all computers.

Answer: **binary** <Katia/Ed. JS>

7. In January 2018, Moira Donegan stepped forward as the creator of this document after it was rumored that she would be named as its creator by a Harper's article. For 10 points each:

[10] Name this collaborative online spreadsheet, in which women anonymously reported sexual misconduct of specific men, ranging from creepy text messaging to rape. Men at the New York Time, The Paris Review, and Vox, among many others, were named.

ANSWER: The **Shitty Media Men** List

[10] The Shitty Media Men list emerged around the same time as this two word social media hashtag went viral. Originating in the work of Tarana Burke and started on Twitter by Alyssa Milano, this hashtag is meant to be a show of solidarity of survivors of sexual assault or harassment.

ANSWER: **#MeToo**

[10] Hundreds of female members of this organization have come forward in the #MeToo movement, including Jamie Dantzscher and Maggie Nichols. These women have accused those powerful in this organization in enabling the abuses of physician Larry Nassar.

ANSWER: **USA Gymnastics** [accept **United States of America Gymnastics**; accept the **USA Gymnastics** Olympic Team; accept **USAG**] <Taylor/Ed. TH>

8. Throughout history, people have often done very bad things to other people in the name of scientific advancement. For 10 points each:

[10] Backed by the National Institute of Health, John Joseph Cutler infected over 1,500 Guatemalans with this STD during Truman's presidency. A similar experiment on African-Americans was undertaken at Tuskegee University.

ANSWER: **syphilis** [accept *Treponema pallidum*]

[10] This Nazi doctor at Auschwitz performed many cruel experiments on twins, including sewing them together. After WWII, he fled to South America, where he drowned off the Brazilian coast in 1979.

ANSWER: Josef **Mengele** [prompt on *Angel of Death*; prompt on *Todesengel*]

[10] This research group under the Kwantung Army committed some of the greatest Japanese crimes against humanity during the war. It was commanded by Shiro Ishii, who was pardoned by the United States after the war in exchange for his data.

ANSWER: **Unit 731** [accept *Nana-san-ichi Butai*; accept **Epidemic Prevention and Water Purification Department of the Kwantung Army**; accept **Kantogun Boeki Kyusuibu Honbu**] <Tracy/Ed. PT>

9. This poet wrote a series of odes addressed to household objects like tomatoes and a sock as well as one to a tuna in the market. For 10 points each:

[10] Name this communist poet who wrote "If suddenly / you forget me / do not look for me / for I already have forgotten you" about his muse and future wife Matilde Urrutia.

Answer: Pablo **Neruda**

[10] Neruda wrote a collection of 100 love poems in this form, many of which are likely about Urrutia. This fourteen line form classically has Petrarchan and Shakespearean versions.

Answer: **sonnets**

[10] Neruda's love sonnet 16 begins "I don't love you as if you were a rose of *this thing*, topaz, or arrow of carnations." Neruda's ode to this substance proclaims "You won't believe me but *this thing* sings."

ANSWER: **salt** [or *sal*] <Taylor/Ed. AS>

10. Name some things regarding New York City's impact on the development of photography, for 10 points each:

[10] Diane Arbus, known as the "Sylvia Plath of Photography," captured a *Child with Toy Hand Grenade* in this New York City location. This location also contains the Bethesda Fountain.

ANSWER: **Central Park**

[10] This Danish-American pioneer of photojournalism captured many pictures of the New York slums, including one at 59 ½ Mulberry Street, known as Bandit's Roost. He collected them in his most famous work, *How the Other Half Lives*.

ANSWER: Jacob **Riis** [Accept Jacob August **Riis**]

[10] Edward Steichen took an eerie, green tinged photograph of this New York building in 1904. This wedge-shaped early skyscraper is found at 175 Fifth Avenue.

ANSWER: The **Flatiron** Building <Tracy/Ed. TH>

11. The plaintiff in this supreme court case was arrested after intentionally sitting in a whites only railcar. For 10 points each:

[10] Name this supreme court case whose 7-1 majority opinion stated that the plaintiff had not been denied rights under the 13th or 14th amendments, thus upholding the legality of segregation in "separate but equal" facilities.

ANSWER: **Plessy v. Ferguson** [accept either or both in any order]

[10] In his act of civil disobedience, Plessy was violating one of these laws which laid out "whites only" spaces in public facilities. These laws which enforced segregation were named for a minstrel show character.

ANSWER: **Jim Crow** Laws

[10] A justice with this surname was the only one to dissent in *Plessy*, stating "the Constitution is colorblind, and neither knows nor tolerates classes among citizens." His grandson with this surname was also a conservative justice known as "the great dissenter" during the Warren Court.

ANSWER: **Harlan** [accept John Marshall **Harlan** or John Marshall **Harlan II**] <Taylor/Ed. PT>

12. The acceleration due to this force is given by negative two times the cross product of the angular velocity of the reference frame and the particle's velocity. For 10 points each:

[10] Name this force that arises in rotating reference frames which causes a rightward deflection in the northern hemisphere and a leftward deflection in the southern hemisphere.

ANSWER: **Coriolis** force [accept **Coriolis** effect]

[10] This device's precession is a result of the Coriolis force. This device, consisting of a bob hanging from a tall ceiling, was used to demonstrate the rotation of the earth.

ANSWER: **Foucault pendulum** [prompt on **pendulum**]

[10] This physicist names an effect that is essentially the vertical component of the Coriolis force where eastward/westward motion causes a change in gravitational force. An experiment performed by this physicist with a torsion balance and a mirror showed that there is no difference between gravitational and inertial mass.

ANSWER: Loránd **Eötvös** <Jonathen/Ed. JS>

13. Answer the following about famous groups of composers. For 10 points each:

[10] The members of *Les six* (SEE), a group including Francis Poulenc and Arthur Honegger, hailed from this country.

ANSWER: **France**

[10] Among the composers in Russia's Mighty Handful was this man, who composed the notoriously difficult piano piece *Islamey*. He is generally regarded as the leader of the group.

ANSWER: Mily Alexeyevich **Balakirev**

[10] Perhaps less famous than the previous two groups was the so-called "American Five," which included this composer of the *Concord Sonata*.

ANSWER: Charles **Ives** <Alex/Ed. TH>

14. In a play by this author, Luka tells the Actor that going to a sanatorium could help cure his alcoholism, but he later hangs himself. For 10 points each:

[10] Name this Russian author of *The Lower Depths* and *The Song of Stormy Petrel*.

ANSWER: Maxim **Gorky**

[10] When Tsar Nicholas II annulled Gorky's position as an Academician of Literature, Vladimir Korolenko and this other playwright left the Academy. This early figure in Modernism penned *The Seagull* and *Uncle Vanya*.

ANSWER: Anton **Chekhov**

[10] A play by Gorky is titled *Children of* [this entity.] In another novel with this noun in the title, Robert Cohn is ostracized for his religion while at Princeton in the 1920s.

ANSWER: **Sun** [accept **Children of the Sun**; accept *The Sun Also Rises*] <Peter/Ed. AS>

15. Honor the recently-deceased Helmut Kohl by answering these bonus questions surrounding his political career. For 10 points each:

[10] Kohl and Midaran are considered the architects of this treaty, which created the three-pillar structure of the EU and created the Euro.

ANSWER: Treaty of **Maastricht**

[10] Kohl was the head of this German party of Konrad Adenauer and Ludwig Erhard. This party shares a youth organization with the CSU known as the Junge Union.

ANSWER: **Christian Democratic Union** [accept **Christian Democrats**]

[10] This current leader of Germany who was considered Kohl's protege defeated Gerhard Schröder of the Social Democratic Party in a 2005 election.

ANSWER: Angela **Merkel** <Peter/Ed. PT>

16. This country's most famous author was arrested for the overtly anti-authoritarian themes in his play *I Will Marry When I Want*, leading him to write his next work on prison toilet paper. For 10 points each:

[10] Name this country, whose author Ngũgĩ wa Thiong'o wrote the novel *Petals of Blood*, which focuses on the aftermath of the Mau Mau Rebellion. An anthropological study of this country is titled *Facing Mount* [this country].

ANSWER: Republic of **Kenya**

[10] This Isak Dinesen memoir was inspired by its author's time spent on a Kenyan coffee farm. The Dinesen's husband is barely mentioned in this work, likely due to her then-ongoing affair with hunter Denys Finch Hatton.

ANSWER: **Out of Africa**

[10] This British novelist lived in Rhodesia for much of her childhood, which she used as the setting for the majority of her *Children of Violence* series. Anna Wulf's color-coded diaries have a pivotal role in her *The Golden Notebook*.

ANSWER: Doris May **Lessing** [accept Doris May **Taylor**] <Tracy/Ed. AS>

17. Alfred Russel Wallace first proposed one form of this mechanism when studying caterpillars. For 10 points each:

[10] Name this defense mechanism in which organisms let potential predators know that they may be unappetizing or toxic. Examples of this defense mechanism include the skunk's odor and the tiger moth's ultrasonic clicks.

ANSWER: **aposematism** [accept word forms; accept **aposematic** coloration; accept **warning** signal; accept **warning** coloration]

[10] This form of mimicry where a palatable species imitates an unpalatable species takes advantage of aposematic coloration. Since this form of mimicry seeks to avoid conflict with a predator, it is considered defensive.

ANSWER: **Batesian** mimicry

[10] The classic example of Batesian mimicry involves the monarch and viceroy species of these insects. The order Lepidoptera includes moths and these insects.

ANSWER: **butterflies** [or **butterfly**] <Jonathen/Ed. JS>

18. The current holder of this position claims that the next holder of this position will be found outside of Tibet. For 10 points each:

[10] Name this reincarnated leader of Tibetan Buddhism, who is selected by a series of tests including recognizing the objects of the previous holder of this position. Its current holder is Tenzin Gyatso.

ANSWER: **Dalai Lama**

[10] The Dalai Lama is considered to be a reincarnation of A-valo-kite-sh-vara, one of these figures who embodies compassion. This term refers to individuals who delay enlightenment in order to help others liberate themselves from suffering.

ANSWER: **bodhisattva**

[10] The Dalai Lama line belongs to this newest school of Tibetan Buddhism, founded by Je Tsongkhapa. The Ganden Tripa, not the Dalai Lama, is actually the leader of this school.

ANSWER: **Gelug** School [or **Yellow Hat** School] <Taylor/Ed. TH>

19. This essay claims that when the white man turns tyrant, it is his own freedom that he destroys. For 10 points each:

[10] Name this essay in which the author describes reluctantly carrying out the title action despite the painful suffering experienced by the title animal.

ANSWER: "**Shooting an Elephant**"

[10] Shooting an elephant is an essay by this British author who described Big Brother's regime in *1984*.

ANSWER: George **Orwell** [or Eric **Blair**]

[10] In this other Orwell essay, he savagely attacks five examples of what he considers bad writing and offers a series of suggestions for improvement.

ANSWER: "**Politics and the English Language**" <Alex/Ed. AS>

20. This thought experiment concerns a substance called XYZ which is chemically different from H₂O, but still referred to as water by the people who drink it. For 10 points each:

[10] Name this thought experiment presented by Hilary Putnam, who theorized that the experiences of the two aforementioned groups of people would be identical even though XYZ and H₂O are chemically different.

ANSWER: **Twin Earth** thought experiment

[10] Putnam summarized the Twin Earth experiment's conclusion by saying that this concept "just ain't in the head." Semantics is the study of this concept.

Answer: **meanings**

[10] This philosopher critiqued the Twin Earth experiment with the example of "twin ice cream," which he claimed would be different from Earth ice cream. This philosopher's Chinese Room argument is used to refute the idea of Strong AI.

ANSWER: John **Searle** <Alex/Ed. AS>