

F2020 WORKSHOP: We Oughtta pRopose aKronymS aHead Of Ptime

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Packet 4

Tossups

1. **It's not Muscovy, but after the death of a ruler of this state at age 10, a "false" version of him attempted to claim the throne until it was discovered that he knew none of this state's language. This state lost legitimacy after suffering a major defeat to a peasant militia from the town of Dithmarschen. A ruler of this state failed in his attempt to impose his cousin, Boguslav, as his successor, leading him to go into exile and briefly take command of a (*) pirate fleet. This state began to disintegrate after the rule of the tyrannical Eric of Pomerania. This state's creation was organized by its first queen, Margaret, to counter the influence of the Hanseatic League on trade in the Baltic Sea. For 10 points, name this short-lived fifteenth-century state that unified the crowns of Norway, Denmark, and Sweden.**

ANSWER: **Kalmar** Union [prompt on Norway, Sweden, or Denmark, or Denmark–Norway] <JM>

2. **Two Georgia state legislators tried to stop an Atlanta staging of this show due to the "underlying philosophy inspired by Moscow" of an anti-racism number in it. A group of women in this show tell a character to "waste no time, weep no more, show him what the door is for" while she showers. Before he's killed during an espionage mission, "Younger than Springtime" is sung by Lieutenant Cable in *this* musical based on a book by James A. (*) Michener. In this musical, which includes the song "You've Got to Be Carefully Taught," Nellie Forbush sings of her love for "A Wonderful Guy." The French plantation owner Emile de Becque sings "Some Enchanted Evening" in—for 10 points—what 1949 Rodgers and Hammerstein musical about American sailors in Polynesia?**

ANSWER: **South Pacific** <JMA>

3. **Protests broke out across this country after the leak of an expletive-laden secret speech by this country's then-Prime Minister in 2006. In 2018, this country's leader pushed through changes to its labor code that loosened limits on overtime work, prompting the opposition to accuse him of enacting a "slave law." That leader adopted Fareed Zakaria's concept of "illiberal (*) democracy" to define the ideology of his own party, which is currently in a governing alliance with the KDNP. After building a fence along its borders with Serbia and Croatia in 2015, this country has more recently targeted NGOs that aid undocumented immigrants via so-called "Stop Soros" laws. For 10 points, name this country where the ruling Fidesz party is led by Viktor Orban.**

ANSWER: **Hungary** [or Magyarország] <KF>

4. **He's not Baruch Spinoza, but this person contrasted a dream of a generic winged horse with his "old mare Maggie" having actually grown wings to illustrate a distinction between imaginary objects and genuine individuals. In introducing one of his best-known concepts, this thinker argued that the "community of self" is not broken by "time-gaps" like sleep. Like George Herbert Mead, this person differentiated between the empirical self, which he designated the (*) "me," and the pure ego, which he called the "I." Cannon and Bard were early critics of a theory named for this person and Carl Lange, which claims that emotions follow physiological changes. The concept of the "stream of consciousness" was introduced by—for 10 points—what Harvard psychologist who authored *The Principles of Psychology*?**

ANSWER: William **James** <MB>

5. **Indirect measurement of atmospheric concentration of one of *these* molecules using methylchloroform showed that its concentration was, surprisingly, nearly constant. These molecules are responsible for the troposphere's ability to rapidly cleanse itself of pollutants. These molecules catalyze the "recombination" step of a (*) cycle involving the rapid creation and destruction of monatomic oxygen. Most atmospheric examples of these molecules are produced via radiation-induced homolytic bond cleavage. Photodissociation of CFCs produces one of these molecules containing chlorine, which was largely responsible for the depletion of atmospheric ozone. For 10 points each, name these highly reactive species containing an unpaired electron.**

ANSWER: free **radicals** <AF>

6. **A play by an author from this country includes a character who dies after dancing the twist for multiple decades and features three actors portraying several generations of a family whose investment bank collapsed in 2008. Another playwright from this country, which is also home to the author of *The Lehman Trilogy*, wrote a play in which two women steal food by stuffing it up their dresses and pretending to be (*) pregnant. That author from this country created a character known as the Maniac who sets off a replica of a bomb, impersonates a judge, and interrogates the police about the title's person's fatal fall from a window. A playwright from this country wrote *Can't Pay? Won't Pay!* and *The Accidental Death of an Anarchist*. For 10 points, name this country home to Stefano Massini and Dario Fo.**

ANSWER: **Italy** [or **Italian Republic**; or **Repubblica Italiana**] <JMA>

7. **Ignoring distortion, this non-constant quantity is *inversely* proportional to the term symbol $F(J)$ in rovibrational spectroscopy, since this quantity scales inversely with bond length. One form of this quantity equals the double integral of " $xy \, dx \, dy$ " over an entire body. The time derivative of this quantity equals twice the sum over particles of momentum dot position. The sum of "negative mass, times x -sub- i , times x -sub- j " gives the off-diagonal terms of a (*) tensor form of this quantity whose diagonal entries are known as principal values. Mass times the squared distance between two lines is added to this quantity to get its value for a parallel axis. This quantity is multiplied by angular acceleration to find torque. For 10 points, name this quantity, the rotational analogue of mass.**

ANSWER: **moment of inertia** [accept **rotational inertia**, **area moment of inertia**, or the (product) **second moment of area**; prompt on I] <CM>

8. **A poem about this place depicts "applauding youths" and "young prostitutes" watching the "perfect, half-clothed body" of a dancer from this place. The speaker of another poem describes being "bewildered" by this place's "huge, long-legged golden girls." That poem addressing this place commands it to "let black blood flow into your blood." This city, the subject of a poem dedicated to it by Léopold Senghor, titles a poetry collection written by (*) Federico García Lorca after he visited this city. That collection includes an ode to Walt Whitman, who wrote about crossing a ferry in this city. For 10 points, name this setting of García Lorca's "Poems of Solitude at Columbia University."**

ANSWER: **New York** City [or **NYC**; accept **Harlem** or **Manhattan** or **Brooklyn**] <EF>

9. **Frank Zeidler was the last member of this party to be the mayor of a major city, and was its last presidential candidate. Julius Wayland published this party's official newspaper, the *Appeal to Reason*. This party underwent a decisive split after Michael Harrington resigned as its chairman. Victor Berger, a mayor of (*) Milwaukee from this party, promoted a "sewer" variant of its namesake ideology. Norman Thomas ran for president six times for this party. After its leader was arrested, this party used campaign buttons reading "Convict No. 9653 for President." This party received over 900,000 votes with Emil Seidel on a ticket in the 1912 presidential election. For 10 points, name this left-wing American political party once led by Eugene V. Debs.**

ANSWER: **Socialist** Party of America <CM>

10. This artist depicted a wounded soldier leaning on a screaming female figure who has outstretched arms and wings in *The Call to Arms*. This artist's *The Secret* and *The Cathedral* both consist of two hands touching. A man with no head or arms was sculpted by this namesake of a museum in Philadelphia in a work derived from his earlier *St. John the Baptist Preaching*. One work by this sculpture shows an openmouthed emaciated man on all fours above several boys. Like Giacometti, this sculptor made a (*) bronze *Walking Man*, and he was accused of casting from a live model for his work *The Age of Bronze*. A sculpture group by this artist includes *Ugolino and his Children* and a depiction of Paolo and Francesca da Rimini kissing. For 10 points, what Frenchman sculpted *The Gates of Hell*?

ANSWER: (François) Auguste (René) Rodin <EF>

11. A passage by this thinker about conscientious refusal has been criticized by Charles Beitz for failing to consider natural resource inequalities. Samuel Freeman contrasted David Gauthier's "interest-based" approach with this thinker's "right-based" approach. This thinker's most famous thought experiment was used to criticize social structures that disadvantage women in a book by Susan Moller Okin. This thinker placed his (*) "equal liberty" principle lexically prior to the notion that economic inequalities should benefit the least well-off, which he called the "difference principle." The "veil of ignorance" is used to argue for two principles of justice in the "original position" thought experiment of—for 10 points—what liberal philosopher who wrote *A Theory of Justice*?

ANSWER: John (Bordley) Rawls <CS>

12. Reginald Moore, an amateur historian based in this state, fought to preserve a collection of 95 mass graves discovered on a former prison site beneath a school in this state. Another self-taught historian spent decades compiling oral testimony about this state's Slocum mass lynching. T.R. Fehrenbach wrote a popular history of this state that describes its conquest by the "Anglo-Celtic race." The book *The Big Rich* describes men like Sid (*) Richardson and H.L. Hunt who became wealthy after a resource boom that started with a discovery at Spindletop in this state. Historians in this state commonly deny that slavery caused this state's war for independence from Mexico. For 10 points, what state recently removed Confederate memorial plaques from its capitol in Austin?

ANSWER: Texas <JM>

13. A thinker from this country expanded a 2014 *New Left Review* essay into a book that draws a distinction between "people of the state" and "people of the market." That thinker's book *Buying Time* was criticized for advocating "national fortresses" by the author of *The Lure of Technocracy*. Another thinker from this country described markets as using nonlinguistic "systems integration," which risks "colonizing" the social basis for (*) mutual understanding that constitutes the "lifeworld." That thinker from this country described how coffee houses contributed to the "structural transformation of the public sphere." For 10 points, name this country in which the future of the EU has provided fodder for ongoing debates between Wolfgang Streeck and Jürgen Habermas.

ANSWER: Germany [or Deutschland] <WHM>

14. When this character is asked if she knows anyone named Shaw, she replies "Why, everybody knows somebody named Shaw!" This character claims that "only Mr. Edgar Allan Poe" could "do justice" to the location where she is staying. A school superintendent writes that this character "is morally unfit for her position" after it is revealed she had a relationship with an (*) underage boy. Because this character discovers that her husband is having an affair with an older man, her husband kills himself. After this character is raped by Stanley, she is taken to an insane asylum and tells her new doctor that she "has always depended on the kindness of strangers." For 10 points, name this Southern belle who appears in Tennessee Williams' play "A Streetcar named Desire."

ANSWER: Blanche DuBois [accept either underlined portion] <CM>

15. A musical genre from this country includes a song titled for a “sparrow in the cornmeal,” as well as the song “It Tears the Heart.” It’s not France, but a piece from this country uses *ganzás, chocalhos* [“show”-CAH-lyoos], and *reco-recos* [HEH-koo HEH-koos] to depict a locomotive in the countryside. Baroque titles were used for the movements in a set of nine suites from this country that includes “The Little (*) Train of the Caipira.” This country inspired Darius Milhaud’s ballet *The Ox On the Roof*. A “tall and tan and young and lovely” girl is the subject of a song from this country. A set of fourteen *Chôros* [“shore”-oos] were written by a composer who named a set of *Bachianas* after this country. The bossa nova song “The Girl from Ipanema” is from—for 10 points—what home of Heitor Villa-Lobos?
ANSWER: Federative Republic of **Brazil** [or República Federativa do **Brasil**; accept *Bachianas* **Brasileiras**] <EL>

16. Note to moderator: Read the whole answerline before judging an answer.

One algorithm for this type of problem makes use of “two-loop recursion” to limit memory usage; that algorithm updates approximate matrices that obey the secant equation. This type of problem is solved by the BFGS algorithm and by an algorithm whose accuracy relies on choice of cooling schedule. When a problem of this type satisfies Slater’s condition, the primal and (*) dual solutions are equivalent. One algorithm for this type of problem performs jumps in solution space with probability equal to a Boltzmann factor. This type of problem can be solved by simulated annealing or by iteratively following the gradient until convergence. Gradient descent solves—for 10 points—what problem of finding values that maximize utility or minimize cost?
ANSWER: **optimization** problem [or word forms like **optimizing**; accept linear, nonlinear, convex, or combinatorial **optimization**; anti-prompt on **linear programming** or **LP** with “What more general problem does linear programming solve?”; accept **maximization** or **minimization** and word forms before mentioned; accept **extremization** and word forms] <JS>

17. The recently-discovered compound teixobactin inhibits synthesis of *this* molecule by binding to one of its precursors, lipid II. Teichoic acids limit the ability of autolysins to degrade this molecule. Tracheal cytotoxin is a derivative of this molecule that works synergistically with LPS to damage ciliated epithelial cells in patients with whooping cough. Swapping an alanine residue in this molecule with lactate yields (*) resistance to vancomycin, which binds to the target of DD-transpeptidase. Tetrapeptides composed of unusual D-amino acids crosslink chains of this molecule formed by beta-1,4 glycosidic bonds between N-acetyl-glucosamine and N-acetyl-muramic acid. Gram-positive bacteria stain purple due to the presence of—for 10 points—what macromolecule that forms a major component of bacterial cell walls?
ANSWER: **peptidoglycan** [or **murein**] <RRP>

18. A collapsed dolmen that is purportedly this figure’s tomb is a popular pilgrimage site within the Paimpont forest of Brittany, which is often identified with the mythical Brocéliande. Robert de Boron wrote that this man’s baptism saved him from the plans of his incubus father while preserving his demonic powers. Marion Zimmer Bradley imagined this figure as Kevin, who is struck by lightning just as he is sealed into a (*) tree by Nimue, an alternate name for Viviane. Geoffrey of Monmouth included the story of how this figure moved a collection of large healing stones from Ireland to Salisbury Plain, before describing how he aided Uther Pendragon in entering Tintagel Castle. For 10 points, name this magical figure said to have created Stonehenge, an Arthurian wizard.
ANSWER: **Merlin** [or **Myrddin** Wyllt; accept **Merlinus** Ambrosius or **Emrys**] <GH>

19. One of this author's protagonists has two mottos: "To the pure all things are pure," and "Can't say fairer than that." Claire Malcolm teaches Zora at a poetry workshop in a novel by this author that centers on the rivalry between two Rembrandt scholars. A Jehovah's Witness named Hortense Bowden is born during the Kingston earthquake in a novel by this author, which features a lesbian shoe-mender known as (*) "Neena the Niece-of-Shame." A *Howards End*-inspired novel by this author chronicles the relationship between the Kipps and Belsey families. In a novel by this author, Dr. Perret is revealed to be alive during a FutureMouse press conference, contradicting Samad Iqbal's belief that he was killed by Archie Jones. For 10 points, name this British author of *On Beauty* and *White Teeth*.

ANSWER: Zadie Smith [or Sadie Smith] <CMA>

20. Despite an official policy prohibiting the remains of a Communist leader of *this ethnicity* from being returned to his home country, that leader's ashes were secretly scattered near Perak in November 2019. Adriaan Valckenier was sentenced to death for his involvement in a 1740 massacre of this ethnicity while governor-general of the Dutch East Indies. Members of this ethnicity were the primary group moved into so-called "New Villages" under Briggs's Plan during the (*) Malayan Emergency. One leader of this ethnicity implemented controversial policies like a "Stop at Two" family planning campaign as part of his successful bid to transform his country from the "third world to [the] first world in a single generation". For 10 points, name this ethnicity of the first Prime Minister of Singapore, Lee Kuan Yew.

ANSWER: Hàn Chinese [accept subgroups like Fujianese, Cantonese or Min, accept Overseas Chinese, Chinese Indonesian, Chinese Malaysian, or Chinese Singaporean, prompt on Singaporean or Malaysian] <CS>

2020 WORKSHOP

Packet 4

Bonuses

1. This flower's xylem unusually lacks vessel elements; instead, like that of gymnosperms, it consists solely of tracheids. For 10 points each:

[10] Name this most basal living angiosperm, which currently lives only on the island of Grande Terre in New Caledonia.

ANSWER: **Amborella** [or **Amborella trichopoda**]

[10] *Amborella* is an example of *this* type of organism, which is considered an evolutionary “holdover.” Cycads are another of the plants designated by this two-word term, which typically have a greatly restricted distribution.

ANSWER: **living fossils** [do not accept or prompt on partial answers]

[10] The most famous plant living fossil is *this* gymnosperm with fan-shaped leaves. Although this plant's earlier relatives lived worldwide, they all went extinct except in a small area of central China.

ANSWER: **ginkgo** [or **Ginkgo biloba**] <GH>

2. An incident after one of these events was blamed on Illarion Vorontsov-Dashkov frequently sleeping until the late afternoon. For 10 points each:

[10] Around 1,400 people died in a stampede at Khodynka Field when coins and bread commemorating one of these events ran out. At these events, two figures received the Orb and Sceptre as a *te deum laudamus* was sung.

ANSWER: Imperial **Coronation** of the Russian Emperor

[10] The Khodynka Tragedy occurred under the watch of *this* emperor, who employed Dr. Eugene Botkin and the crazed mystic Dmitri Rasputin to treat his hemophilic son, Tsarevich Alexei.

ANSWER: **Nicholas II** [Or **Nikolai II**; or **Nikolai Aleksandrovich**; accept **Saint Nicholas the Passion-Bearer** from monarchists]

[10] During the coronation of the Tsar, serfs were not allowed inside *this* cathedral designed by Aristotele Fioravanti. Shortly after Nicholas II abdicated, the Patriarchate of Moscow was restored at this cathedral.

ANSWER: **Assumption Cathedral** [or **Cathedral of the Dormition** or **Uspenski Sobor**] <ZF>

3. The speaker of this poem sees “Photographs of friends, the window and the trees / Merging in one neutral band that surrounds/Me on all sides.” For 10 points each:

[10] Name this poem that asserts “The soul establishes itself” after describing “the right hand / Bigger than the head, thrust at the viewer.”

ANSWER: “**Self-Portrait in a Convex Mirror**” (by John Ashbery)

[10] This poet described Icarus drowning after “a splash quite unnoticed” in his collection *Pictures from Brueghel*. This imagist famously described an object “glazed with rain / water” in “The Red Wheelbarrow.”

ANSWER: William Carlos **Williams**

[10] In this poem, the speaker claims that the “old Masters” were “never wrong” “about suffering” before, like Williams, considering Brueghel’s Icarus.

ANSWER: “**Musée des Beaux Arts**” (by W.H. Auden) <ES>

4. The city of Pasadena, California was developed after several of *these* institutions were founded there in the 1870s. For 10 points each:

[10] Name these facilities that settlers called “lungers” moved to Arizona. New York’s Adirondack College built the first of these facilities in the U.S. and they also spurred the development of cities like Asheville, North Carolina.

ANSWER: **sanatoriums** [accept **tuberculosis hospitals**; prompt on **hospitals**]

[10] John Harvey Kellogg established a sanatorium in *this* city in Michigan, where he served foods that he would later market as products for his namesake cereal company.

ANSWER: **Battle Creek**, Michigan

[10] This state’s mountain air led it to be nicknamed “the world’s sanatorium.” The National Jewish Hospital for Consumptives was established in this state’s capital of Denver.

ANSWER: **Colorado** <JM>

5. In one self-portrait, this artist looks directly at you while painting a portrait of a moustachioed man, who might be supposed to represent you, the viewer. For 10 points each:

[10] Name this Italian Baroque artist whose nose glistens with sweat in an unfinished *Self-Portrait as the Allegory of Painting*. This artist also made a gruesome version of *Judith Beheading Holofernes*.

ANSWER: Artemisia **Gentileschi** [jehh-tee-LEH-skee] [or Artemisia **Lomi**]

[10] A major influence on Gentileschi was the extreme *chiaroscuro* [kyah-roh-SKOO-roh] of *this* earlier Italian artist, who helped create the Baroque style of painting in works like *The Cardsharps* and *The Calling of St. Matthew*.

ANSWER: Michelangelo Merisi da **Caravaggio**

[10] In her earliest known work, Gentileschi depicted *this* figure crouched in front of a low, decorated stone wall, while two men lean over the top of the wall.

ANSWER: **Susanna** [accept **Susanna and the Elders**] <WG>

6. Siger [SEE-zhay] of Brabant attempted to defend this philosopher with the notion of a “double” truth, by which reason and faith can simultaneously uphold opposed doctrines. For 10 points each:

[10] Name this philosopher who wrote a major twelfth-century defence of philosophical metaphysics in response to the book *The Incoherence of the Philosophers*.

ANSWER: **Averroes** [or Abū l-Walīd Muhammad Ibn Ahmad **Ibn Rushd**]

[10] In his political philosophy, Averroes claimed that the ideal state would be based on *this* religious law of Islam. Interpreters of this form of law practice *fiqh*.

ANSWER: **sharia**

[10] Early on, Averroes studied *this* school of Sunni theology, of which al-Ghazālī was a major proponent. This school is known for taking a “middle of the road” stance on the use of reason and debate within theology.

ANSWER: **Ash’arī** [accept **Ash’arite** school or **Ash’arism**] <CM>

7. The decaying orbit of the Hulse–Taylor binary provided the first evidence of these phenomena. For 10 points each:

[10] Name these phenomena that were first directly observed in 2015 by a collaboration between LIGO [“lie”-“go”] and Virgo. These phenomena transmit energy away from orbiting masses.

ANSWER: **gravitational waves** [accept **gravitational radiation**; prompt on waves or radiation; do not accept or prompt on “gravity waves”]

[10] Gravitational waves are produced when a mass undergoes *this* process in a manner that isn’t spherically or rotationally symmetric. The Larmor formula gives the power of the EM field radiated by charges undergoing this process.

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

[10] For a binary system with two equal masses, the change in orbital radius due to gravitational radiation is proportional to *this* power of mass over radius. In cosmology, the energy density of matter is inversely proportional to *this* power of the scale factor a , since matter is defined to have zero pressure.

ANSWER: **third** power [accept **three**] <GH>

8. This film’s star walked out of an interview when asked if it might “perversely end up inspiring exactly the kind of people it’s about.” For 10 points each:

[10] Name this Todd Phillips film that won the Golden Lion at the 2019 Venice Film Festival. In this film, Joaquin Phoenix plays a failed stand-up comedian named Arthur Fleck, who then becomes the title DC Comics villain.

ANSWER: **Joker**

[10] The chair of the 2019 Venice jury was *this* director of *La Ciénaga* and *The Headless Woman*. Her most recent film, *Zama*, was the Argentinian submission for Best Foreign Language Film in 2017.

ANSWER: Lucrecia **Martel**

[10] *Joker* was partially inspired by *this* director’s film *The King of Comedy*. This man’s most recent film eschewed the use of motion tracking markers for its extensive CGI, which was used to “de-age” its main actors.

ANSWER: Martin (Charles) **Scorsese** (The second film is *The Irishman*.) <ES>

9. A commerce raider named for this place performed the last Confederate surrender of the Civil War. For 10 points:

[10] Name this region in western Virginia separated from the rest of the state by the Blue Ridge Mountains. Often used by Confederate armies as a route to invade the north, it was contested in several Valley campaigns.

ANSWER: **Shenandoah** Valley

[10] In his Valley campaign of 1862, *this* general defeated three Union armies. He was killed by friendly fire at the Battle of Chancellorsville a year later and acquired his nickname at the First Battle of Bull Run.

ANSWER: Thomas Jonathan “Stonewall” **Jackson**

[10] Philip Sheridan’s Valley Campaign of 1864 ended with *this* battle that conclusively secured the valley for the Union. At this battle, Jubal Early initially surprised and routed Union forces, but Sheridan rallied his Army of the Shenandoah after riding to the battlefield and won with an afternoon counterattack.

ANSWER: Battle of **Cedar Creek** [or Battle of **Belle Grove**] <KF>

10. Adherents of folk religions in this country can be possessed by deities in a several-hour long ritual called *len dong*. For 10 points each:

[10] Name this country, where worship of mother goddesses is known as Dao Mau.

ANSWER: Socialist Republic of **Vietnam**

[10] Vietnam is the origin of the agrarian religion Hoa Hao [hwa-“how”], which is a sect of this larger religion. This religion’s Pure Land sect is also prevalent in Vietnam.

ANSWER: **Buddhism** [accept **Mahayana** or **Theravada** Buddhism]

[10] Vietnam is also home to *this* syncretic religion founded by Ngo Van Chieu. Like Catholicism, this religion’s hierarchy involves cardinals and a pope, and its main symbol is the left eye, which represents God’s omniscience.

ANSWER: Dao **Cao Dai** [“cow die”] [or **Caodaism**; accept **Dai Dao** Tam Ky Pho Do; accept The **Great Religion** of the Third Universal Redemption] <EA>

11. In a fifth-century text, a man from Wǔlíng squeezes himself into “cave” in a mountain, which leads to this location. For 10 points each:

[10] Name this utopian commune encountered by a fisherman in a text by Táo Qián [tao chyen].

ANSWER: **Peach Blossom Spring** [or *táohuāyuán* or *táoyuán*]

[10] Tao Qian was finally canonized as a major poet by literati like Sū Shì [soo SHUR] during *this* dynasty, during which the *cí* [tsu] lyric became the primary poetic genre. Chinese literary culture was transformed in this dynasty by the invention of movable type.

ANSWER: **Sòng** Dynasty

[10] Tao Qian’s most famous poem, “I built my cottage in the human world,” is the fifth in a series about doing *this* action. Lí Bái declares “Raising my cup I beckon the bright moon” in a poem about this action.

ANSWER: **drinking** wine [accept any answer indicating consumption of **alcohol**] <JR>

12. This thinker compared the Levites to a Leninist vanguard party in *Exodus and Revolution*. For 10 points each:

[10] Name this political theorist who co-taught Harvard’s “Capitalism and Socialism” course with Robert Nozick. This author of *Interpretation and Social Criticism* outlined his theory of “complex equality” in a 1983 book.

ANSWER: Michael **Walzer**

[10] *Exodus and Revolution* was criticized from a “Canaanite” perspective in an essay by this longtime Columbia professor and author of *Culture and Imperialism*.

ANSWER: Edward **Said** [sah-EED]

[10] Said also authored this book, which argues that its title phenomenon represents a “style for dominating” and “restructuring” the East.

ANSWER: **Orientalism** <ES>

13. Two electron configurations for this element overlap due to fine structure splitting. For 10 points each:

[10] Name this only element whose ground-state electron configuration is disputed. This element’s metallocene has twenty valence electrons, the most of any element.

ANSWER: **nickel** [or **Ni**]

[10] Subshells with this property are highly stable, which can result in unusual electron configurations.

Gadolinium’s strong paramagnetism is caused by its 4f subshell having this property, which maximizes the number of unpaired electrons. A description is fine.

ANSWER: **half**-filled [accept any descriptive equivalent; accept **high-spin** or equivalents; accept having **one electron** per **orbital** or equivalent]

[10] Some unusual electron configurations for heavy elements result from the effects of this theory responsible for gold’s color. This theory affects electrons that move at a significant fraction of the speed of light.

ANSWER: special **relativity** [accept **relativistic** effects; do not accept or prompt on answers mentioning “general relativity”] <GH>

14. The author of *Ubu Roi* created Dr. Faustroll, a practitioner of this field, which has been defined as “the science of imaginary solutions.” For 10 points each:

[10] Name this “philosophy” invented by Alfred Jarry, who claimed it would “examine the laws which govern exceptions and...explain the universe supplementary to this one.”

ANSWER: **pataphysics**

[10] Jarry was a major influence on Tristan Tzara, whose play *The Gas Heart* is the most well-known work of theater from *this* avant-garde movement of the 1910s and 1920s.

ANSWER: **Dadaism**

[10] The Collège de Pataphysique’s members included the Marx Brothers, Marcel Duchamp, and this Romanian playwright. His absurdist works, influenced by both Jarry and Dada, include *The Bald Soprano* and *Rhinoceros*.

ANSWER: Eugène **Ionesco** <JMA>

15. This composer’s “Erdödy” quartets include one nicknamed “Emperor.” For 10 points each:

[10] Name this composer whose fifty-third symphony, nicknamed “L’impériale,” was written for the court of Prince Esterházy. He also wrote the “Surprise” Symphony.

ANSWER: (Franz) Joseph **Haydn**

[10] *Description acceptable*. The second movement of the “Emperor” String Quartet is based on *this* tune, which was written by Haydn himself. This tune was briefly replaced by the “Horst-Wessel-Lied,” and its competitors once included “Watch on the Rhine.”

ANSWER: **German national anthem** [prompt on partial answer; accept “**Gott erhalte Franz den Kaiser**” or “**God Save Emperor Francis**” or **Kaiserhymne**; or *Deutschlandlied* or “**Das Lied der Deutschen**”; accept “**Deutschland über alles**”]

[10] This instrument doubles the cellos in the first statement of the first theme of Haydn’s symphony “L’impériale.” Haydn’s thirty-first symphony is nicknamed for its prominent and virtuosic use of four of these instruments.

ANSWER: French **horns** [accept “**Hornsignal**” Symphony] <EF>

16. U.S. support for this leader ended after his agents attempted to assassinate Venezuelan president Rómulo Betancourt. For 10 points each:

[10] Name this leader who ordered the killing of residents of his country who could not pronounce the word *perejil*. This leader also renamed his country’s capital city after himself.

ANSWER: Rafael Leónidas **Trujillo** Molina

[10] Trujillo’s Parsley Massacre targeted speakers of *this* neighboring country’s French Creole language. It had just emerged from a U.S. occupation to suppress *caco* rebels against Stenio Vincent’s government and thus registered only a weak protest.

ANSWER: **Haiti** [accept République d’**Haiti**]

[10] Trujillo also ordered the killing of *these* political activists, who nicknamed themselves “las mariposas.” The 1960 death of these activists reduced popular support for Trujillo, who was himself assassinated six months later.

ANSWER: **Mirabal** sisters <ZK>

17. A character in this novel dies after complaining about the “fluff” in her lungs and the “mill-noises in [her] ears for ever.” For 10 points each:

[10] Name this novel in which Margaret Hale moves to the manufacturing town of Milton and experiences an adversarial courtship with industrialist John Thornton as she seeks to improve conditions for the local workers.

ANSWER: North and South

[10] *North and South* was written by this author of *Cranford*. Much of her writing was published in Charles Dickens’s magazine *Household Words*.

ANSWER: Elizabeth (Cleghorn) Gaskell

[10] Elizabeth Gaskell wrote the first biography of *this* friend of hers, who wrote novels like *Jane Eyre*.

ANSWER: Charlotte Brontë [prompt on just Brontë] <JMA>

18. This book’s first chapter describes the arrival of Christopher Columbus and notes that, like mapmakers, historians have to make strategic decisions on what to omit. For 10 points each:

[10] Name this book that promises to relay history from the points of view of various victimized groups. Larry Schweikart and Michael Allen wrote a rebuttal to this book that replaces a word in its title with “patriot.”

ANSWER: *A People’s History of the United States* [prompt on *A People’s History*]

[10] This conflict is covered by the chapter “We Take Nothing by Conquest, Thank God.” That title references the fact that the victors of this conflict paid 15 million dollars in compensation for spoils taken from the losers.

ANSWER: Mexican–American War

[10] The book’s author, Howard Zinn, blames this President for provoking the war. This man’s general, Zachary Taylor, eventually succeeded him.

ANSWER: James K(nox) Polk <EL>

19. Theories that the Trojans were members of this group hinge on the city of Troy being geographically located in the region of Wilusa during the Bronze Age. For 10 points each:

[10] Name this western Anatolian people that developed a system of hieroglyphics after splitting linguistically from the Hittites. This people’s language is the source of the name “Priam.”

ANSWER: Luwians [or Luvians; accept Luwic or Luish]

[10] Hittite references to the ruler Alaksandu likely correspond to *this* son of Priam, who is often called Alexandros in the *Iliad*. This man’s abduction of Helen sparked the Trojan war.

ANSWER: Paris

[10] Hittitologists have argued that the word *Ahhiyawa* is cognate with this term for a group Homer called “long-haired.” This term for Mycenaean Greeks was later narrowed to Greeks living in the northern Peloponnese.

ANSWER: Achaeans <GH>

20. Answer the following about provenance in geology, for 10 points each.

[10] The uranium-to-lead ratio in detrital samples of *this* highly weathering-resistant material can be used to establish dates in provenance studies. The Jack Hills are home to examples of this mineral that have been dated to the Hadean eon.

ANSWER: zircon [prompt on zirconium silicate or ZrSiO₄; do NOT accept or prompt on “zirconia”]

[10] Provenance relates to the origin of *this* substance, which is formed by the erosion of rocks. Pebbles, silt, and gravel are all types of this stuff, which makes up a namesake class of rocks that includes limestone and shale.

ANSWER: sediment [accept sedimentary rock]

[10] Studies of this rock use QFL diagrams to source its sediments, which are typically very fine. UNESCO is funding a project to predict and mitigate landslides in the Siq of Petra due to natural and human-induced weathering of this rock.

ANSWER: sandstone <JS>

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