

The Brief Wondrous Tournament of WAO - *Málà Yousufzai, served extra spicy*

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Packet by Editors (2nd)

TOSSUPS

1. Two artists from this country codeveloped a style of extremely thick impasto, seen in many paintings of E.O.W., by creating a series of portraits of each other. Both of those artists were taught by another painter from this country who showed blue and white jagged figures on a red and beige background in his masterpiece, *The Mud Bath*. The impression of waves crashing against a beach is created by layered depictions of planes in a painting by an artist from this country titled (*) *Totes Meer*. This home country of Leon Kossoff and Frank Auerbach is the place of origin of the Vorticist movement. The *This is Tomorrow* exhibit in this country used a collage featuring a bodybuilder wielding a Tootsie Pop in its advertising posters, titled *Just what is it that makes today's homes so different, so appealing?* For 10 points name this home country of Paul Nash and Richard Hamilton.

ANSWER: United Kingdom of Great Britain and Northern Ireland [or Great Britain; or England]

<Edited>

2. The redMaPPer algorithm is a photometric way of detecting these objects. The Compton Y-parameter and the X-Ray temperature can both be used to estimate these objects' masses. They appear as negative point sources on high-res CMB maps due to their strong thermal Sunyaev-Zeldovich effect and the kinematic SZ effect was used to determine a coherent peculiar velocity of these objects, the "Dark Flow". Properties of these objects are measured at "R sub 200c," the virial (*) radius at which their density drops to 200 times the mean universe density. An 8 sigma offset between the baryonic and lensing mass of the Bullet one of these objects definitively proved the existence of dark matter. The Abell catalog contains examples of these objects and Fritz Zwicky first detected dark matter in the Coma one. For 10 points, name this type of object, a collection of galaxies larger than a group.

ANSWER: galaxy cluster [prompt on cluster until 'galaxies' is read, accept afterwards, DO NOT ACCEPT OR PROMPT ON "galaxy"]

3. People ran out in white, carrying torches during a seven-day festival named for this deity held in April. Supposedly, a *mundus*, a kind of pit designed to provide access to underworld spirits, was dedicated to this deity by Romulus during the foundation of Rome. The Curra Annonae involved the distribution of the *frumentio* from a temple of this deity. The Aventine Triad composed Liber, Libera, and this deity. On the Ara Pacis and many Roman coins, emperors and empresses don an item worn by this deity, the (*) *corona spicea*. A child of this goddess was ambushed on the field of Enna by Dis Pater. After the Second Punic War, an official cult based around this Roman deity was introduced and modeled on the analogous Greek Eleusinian Mysteries. Proserpina is the daughter of -- for 10 points -- what Roman goddess of agriculture?

ANSWER: Ceres [do not accept or prompt on "Demeter"] <Edited>

4. This person refused to accept a pension in exchange for withdrawing from politics after fleeing to England, which was necessitated by this person's nephew, Michael I, losing the Liberal War. Red berets were characteristic of the armies of this person, which were commanded by the ex-Chilean Rafael Maroto in a war in which they fought under the Red Cross of Burgundy. This person refused to swear a royal oath of allegiance before his uncle died at the end of the Ominous Decade. This person's faction sought to enforce the Salic Law against the (*) Pragmatic Sanction of 1830 and aimed to defend traditional regional rights called *fueros*. The title "Duke of la Victoria" was given to Baldomero Espartero, the general who defeated this person's forces, by queen Isabella II. The conservative, pro-Catholic principles of this man's supporters were adopted by the Falangists. For 10 points, name this prince, the namesake of a series of 19th century Spanish civil wars.

ANSWER: Infante Carlos [or Carlos V; or Charles V] <Edited>

5. It's not New Orleans, but while he was based out of this city, Jelly Roll Morton made a landmark mixed-race recording in 1925 with Gennett Records. The Original Dixieland Jazz Band was actually formed in this city, where the New Orleans Rhythm Kings moved in the 1920s. In the 1950s in this city, Chess Records organized recordings of classics of its jazz scene such as "Hoochie Coochie Man." The Blues Festival held in this city pays tribute to the man considered the father of this city's blues style, Muddy Waters. While he was employed by gangsters, Earl Hines met (*) Louis Armstrong at this city's Black Musicians Union. The line "They have the time, the time of their life / I saw a man, he danced with his wife" appears in a song which declares this city "that toddling town" and "my hometown;" that song was famously recorded by Frank Sinatra. For 10 points, name this city where a jazz festival is held in Millennium Park.

ANSWER: Chicago <Edited>

6. A corpus of emails named for this organization is used extensively in statistical language processing. About one million emails sent by this organization revealed that it bribed FERC officials during a controversy in which it was accused by Gray Davis and others of manipulating electricity prices in California. The inner workings of this organization were chronicled in the book *The Smartest Guys in the Room*. This organization employed special purpose entities to (*) hide losses during its transition into the financial industry spearheaded by Andrew Fastow, who pressured the firm Arthur Andersen to loosen its audit standards. The Sarbanes-Oxley Act was a product of the actions of WorldCom and this company, whose longtime CEO was Kenneth Lay. For 10 points, name this Houston corporation that committed massive accounting fraud before declaring bankruptcy in 2001.

ANSWER: Enron Corporation <Edited>

7. This essay quotes Vindice's contemplation of his lover's skull in *The Revenger's Tragedy* and comments on its "combination of... an intensely strong attraction toward beauty and an equally intense fascination by... ugliness... which destroys it." This essay gives the analogy of oxygen and sulfur dioxide and compares its intended audience to the shred of "finely filiated platinum" that catalyzes their reaction. This essay claims that mature art takes advantage of the "absolute" difference between "art and the event" to deliver a new, complex "art emotion." While discussing the difficulty of attaining its central concept, this essay claims that "Shakespeare acquired more essential (*) history from Plutarch than most men could from the whole British Museum." The author of this essay argues that the artist must understand that, while the "mind" of art changes, this change is not an improvement but an understanding of "which the past's awareness of itself cannot show." For 10 points, name this essay by T.S. Eliot concerning the relation of the poet to the past and "dead poets and artists."

ANSWER: "Tradition and the Individual Talent"

8. A group of researchers in Norway led by Chun-Mei Zhao found that administering this protein reduced gastric tumorigenesis via inhibition of vagal innervation. This protein's heavy chain mediates the translocation of its light chain into the cytoplasm, which in this protein's A- and B-type must be cleaved off for it to reach maturity. The drug Zytaze enhances the function of this protein, which can cleave (*) synaptotagmin, synaptobrevin, or SNAP-25. The cleavage of SNARE complexes inside nerve cells by this protein causes its namesake condition. When present in nerve cells, this substance prevents the vesicle exocytosis of acetylcholine. This protein, which causes flaccid paralysis, is produced by *Clostridium*. For 10 points, name this most lethal known toxin, often injected into patients to reduce facial wrinkles.

ANSWER: botulinum toxin [accept botox]

9. This writer attributed to the Swedish king Charles XII the quote "I have resolved never to start an unjust war, but never to end a legitimate one except by defeating my enemies." This writer mocked the projects of Cardinal Alberoni in a book that featured a testament from Alberoni, an examination of the "grand century" titled *The Age of Louis XIV*. This writer refuted Bayle's assertion that the Chinese were an atheistic society in a universal history that defended Islamic and Chinese culture from Bossuet's criticism, titled (*) *Essay on the Customs and Spirit of Nations*. This writer chose exile to England as an alternative to receiving a second prison sentence in the Bastille; his first sentence came from insulting Philippe d'Orléans. This writer received a French copy of the *Nakaz* law code from Catherine the Great, who was his long time pen pal. For 10 points, name this author who depicted the aftermath of the Lisbon earthquake in *Candide*.

ANSWER: Voltaire [or François-Marie Arouet] <Edited>

10. In one paper, Michael Dummett concludes that Wang's paradox merely reflects the inconsistency behind claiming that observational predicates do not necessarily have this property. One thinker argued that we must adopt a supervaluationist framework before asking if the world has this property. That paper is by Timothy Williamson, who argues in a book named for this concept that the solution to problems concerning it is an unknowable threshold. Russell and Frege sidestepped this problem by saying it would not arise in an ideal language. (*) Baldness is a standard example of this concept, which can be solved by a system invented by Lofti Zadeth that modifies Boolean logic with values between 1 and 0, called "fuzzy logic." A problem concerning this concept is the sorites paradox, which asks when grains of sand become a heap. For 10 points, name this concept corresponding roughly to ambiguity about when terms apply.

ANSWER: vagueness [prompt on synonyms since this is a philosophical term of art]

11. Sigmund Freud's idea of "overdetermination" was borrowed by one thinker to explain the ability of a single one of these concepts to have multiple possible uses, termed "multivocality." A book titled for these concepts introduces two spectra of social bonds and roles, called the "group" and the "grid," as part of its exposition of the cultural theory of risk. It's not a rite of passage, but a book titled for these concepts expands on the author's theories of "social dramas" with examples from Zambia. Clifford Geertz's "Religion as a Cultural (*) System" defines religion as a system of these concepts. "Dominant" examples of these concepts in Ndembu ritual are studied in the magnum opus of Victor Turner. The book *Mind, Self, and Society* lays out social theory described by the adjectival form of this word and "interactionism." For 10 points, identify these phenomena which have meaning by standing for something else, commonly contrasted with signs.

ANSWER: symbols [accept *Natural Symbols* or *The Forest of Symbols* or symbolic interactionism]
<Edited>

12. Before adopting a liberal abortion position, this politician claimed that abortion was murder and “could have killed Moses and Jesus” during a presidential campaign. This politician boosted his domestic profile with the 1983 release Robert Goodman’s release by Hafez al-Assad and the 1984 release of twenty-two Americans by Fidel Castro, helping him win third place in primaries behind Gary Hart and Walter Mondale. Protests against this politician’s suspension from the SCLC were organized by (*) Al Sharpton. This man, who organized People United to Save Humanity, or PUSH, has a son of the same name was convicted on accounts of wire and mail fraud, leading him to resign as an Illinois congressman and serve 30 months in federal prison. This man’s failed 1988 campaign for president aimed to mobilize a “Rainbow Coalition” of minorities and progressives. For 10 points, name this civil rights activist and Baptist minister.

ANSWER: Jesse Jackson, Sr. [prompt on Jackson] <Edited>

13. A character with this job receives advice from the Distinguished Academician while living in Paris in a novel by Alejo Carpentier. A confidant to a character with this job is repeatedly described with the phrase “He was as beautiful and wicked as Satan.” A 1974 novel is comprised of a journal of thoughts written down by Policarpo for a man with this job. After learning that his wife has become the mistress of a person with this job, a character dies in prison cell (*) 17. This is the occupation of the title character who represents barbarism against civilization in Domingo Sarmiento’s novel *Facundo*, as well as the protagonist of Augusto Roa Bastos’ novel *I, The Supreme*. Loyalty to Camila is chosen over loyalty to a man with this job by Angel Face. For 10 points, the title character of Miguel Asturias’ most famous novel has what occupation?

ANSWER: dictator [or president; or dictador; or caudillo; or jefe; accept any equivalent indicating a head of state, though do not accept “king” or “queen”; accept *El Senor Presidente*]

14. The only restriction placed on *mamzerim* by Jewish law is in performing this action. A person who does not wish to participate in a certain form of this action must symbolically either take off a shoe or have their shoe taken off in the *halizah* ritual. The Dor Yeshorim organization caters to people considering performing this action, which is described in a document traditionally written in Aramaic rather than Hebrew, called a (*) *ketubah*. Deuteronomy mandates this practice’s “Levirate” form. Among Ashkenazim, this action is followed by the ritual of seclusion or *yichud*, during which time its participants are left alone together. The Jewish form of this action involves the crushing of a glass underfoot. For 10 points, name this action after which a man and woman can legally live together as a family.

ANSWER: marriage [or wedding, nissuin, or chuppah] <Edited>

15. Patrick Harran was criminally prosecuted after Sheri Sangji died in a lab accident involving one of this element’s compounds. Tosylhydrazones and ketones can each be converted to alkenes with a catalyst containing this element in the Kaufmann and Shapiro reactions, respectively. Homoallylic alcohols can form allyl ethers under basic conditions with a catalyst of this element in the Wittig Rearrangement. A form of this element can replace Potassium t-butoxide to select the (*) Hoffman product in eliminations; that is its di-iso-propylamide. Reacting aluminum chloride with this element’s hydride creates one of the most powerful known reducing agents. The tert-butyl and n-butyl forms of this element are exceptionally strong bases. Copper and this element are bonded to an alkyl group in Gilman reagents. For 10 points, name this lightest metal with atomic number 3.

ANSWER: lithium

16. This character dejectedly explains that he has lost all desire for both combat and his beloved to a fisherman who turns out to be a khan. This character is the protagonist of a story whose prologue describes a setting "On seashore far a green oak towers / And to it with a gold chain bound" in an episode called "By the Bay." This character finds a sword underneath a disembodied head that taunted him with its tongue, after which he learns that the head was disembodied with the sword through a brother's trickery. This character's enemies include Naina and Rogdai, the latter of whom he defeats in a (*) duel. The cowardly Farlaf stabs this man to death, but he is resurrected with water by an elderly Finnish wizard. This character enters the castle of the wizard Chernomor to rescue his beloved, the daughter of Vladimir. For 10 points, name this prince who, in a poem by Alexander Pushkin, rescues Lyudmila.

ANSWER: Ruslan [accept Ruslan and Lyudmila]

17. The blind musician Friedrich Dülon played this instrument in over 300 concerts by age 40. Jacques-Martin Hotteterre wrote the first widely-used manual for this instrument. A "German" variety of this instrument is specified in the instrumentation for three of Handel's sonatas for it published by John Walsh. Oddly, a passacaglia, fugue, and French overture are found among the 12 solo fantasias for this non-violin instrument by George Telemann. Hundreds of concerti for this instrument were composed by (*) Johann Joachim Quantz, who wrote a treatise *On the Art of Playing* it. A player of this instrument is the dedicatee of the *Musical Offering*. This instrument's standard Western "transverse" variety was developed during the Baroque era. For 10 points, name this woodwind instrument played by Frederick the Great, a smaller version of which is the piccolo.

ANSWER: (German or transverse) flute

18. *Description acceptable. It's not anti-discrimination, but corporations adopted policies of this type as a direct consequence of adhering to the Sullivan principles. The U.S. Senate overrode a 1986 Ronald Reagan veto of a bill that enacted a policy of this type, a policy maintained until several conditions were met in 1991. In alliance with the government, international policies of this type were opposed by the leader of the Inkatha Freedom Party. Universities began to adopt policies of this type after a (*) 1960 massacre in which police killed dozens of people protesting pass laws. Policies of this type aimed to pressure a government into repealing the Land Act and Group Areas Act. A policy of this type was violated in New Zealand 1981 to allow a rugby game during a tour by the Springboks. For 10 points, identify this type of policy involving refusing to do business with a nation where apartheid existed.*

ANSWER: boycott of South Africa [or embargo against South Africa; or divestment from South Africa; or sanctions against South Africa; accept anti-apartheid boycott until "apartheid" is read; accept anything that indicates not conducting business/sports with South Africa or for reasons related to apartheid; prompt on protest Apartheid or similar answers; prompt on protest or boycott or embargo]
<Edited>

19. The CASPER experiment will try to detect axions via measurement of this type of effect. Considering an object undergoing Fermi-Walker transport is useful to derive the Bargmann-Michel-Telegdi equation for one type of this effect. Successive Lorentz boosts create an effect partially named for Wigner which, when applied sequentially yields this effect. Gravity (*) Probe B observed the geodetic effect, a type of this effect also named for Lense and Thirring. The equinoxes undergo this movement on a 26,000 year cycle. Newtonian predictions erred by 43 arcseconds per century in their value for this effect in the perihelion of Mercury's orbit. For 10 points, name this effect, coming in varieties named for Thomas and Larmor, which causes the axis of a top or gyroscope to wobble.

ANSWER: precession [or spin precession; or Thomas precession; or apsidal precession; or precession of the perihelion ; or geodetic effect; or Lense-Thirring precession]

20. A poem by this poet describes man being enclosed to rest in an "ebony box...till the day" thus giving "new wheels to our disorder'd clocks." Another poem by this poet opens by lamenting "O spiteful bitter thought! / Bitterly spiteful thought!" before seeking "Assurance" from one who holds "my hand, while I did write." In one poem this poet varied line lengths to create an image of an object that is "made of a heart, and (*) cemented with tears." The lines of another poem by this poet contract and grow in accordance with the health of the speaker, and are at their narrowest when he is "most poor" or "most thin." This man's innovation with visual poetry produced works like "The Altar" and "Easter Wings." For 10 points, name this metaphysical poet of the collection *The Temple*.

ANSWER: George Herbert [the poem in the lead-in is "Even-Song"]

TIEBREAKER/EXTRA TOSSUPS

1. A carbonyl and one of these groups form oxitanes in the Paterno-Buchi reaction. The acid catalyzed addition of aldehydes to these groups occurs in the Prins reaction. An intramolecular version of a reaction named for this functional group is named for Conia. Ruthenium and Molybdenum catalysts (*) aid metathesis of these functional groups in reactions discovered by Grubbs and Schrock. An alcohol group is added to this group in both oxymercuration-demercuration and hydroboration reactions. Groups which are adjacent to this functional group are known as vinyl. Poisoning of Lindlar's catalyst causes it to form this group instead of completing hydrogenation. The formula "C-n H-2n" represents an n-carbon chain with one of these groups. For 10 points, name this functional group with a carbon-carbon double bond.

ANSWER: alkene [prompt on double bond before measured]

BONUSES

1. This man recruited 600 exiles in New York City and assembled them in Mississippi, but was intercepted and blockaded by Zachary Taylor before he could launch his expedition. For 10 points each:
[10] Identify this adventurer, who designed a flag with five blue and white stripes that is still used today. John O'Sullivan fundraised for him after Sullivan's lobbying of James K. Polk brought no political fruit.

ANSWER: Narciso **López**

[10] Sullivan's goal to make Cuba part of America, including by aiding López, can be regarded as an instance of his belief in this idea, which he coined the two-word name for. It refers to an idea that the virtuous American people have a mission to spread across the continent.

ANSWER: **manifest destiny**

[10] In another manifestly expansionist move, U.S. diplomats proposed to purchase Cuba in the Ostend Manifesto. This then-minister to Great Britain is believed to have authored the document, which he signed with Pierre Soulé and John Mason.

ANSWER: James **Buchanan** <Edited>

2. When this man flees his homeland after the death of Amenemhat, he crosses a river near a sycamore tree. For 10 points each:

[10] Name this virtuous man who becomes a high-ranking member of a foreign tribe, defeats a powerful rival in single combat and prays for the gods to return him to Egypt, where he lives out his life in royal favor.

ANSWER: **Sinuhe**

[10] In a reversal of Sinuhe's tale, this Biblical man becomes a high-ranking official in Egypt before returning to Israel. This man's brothers are jealous of the "coat of many colors" given to him by his father Jacob.

ANSWER: **Joseph**

[10] This author included an adaptation of the story of Sinuhe in his short story collection *Voices from the Other World*. Very mildly similar to Sinuhe, various people panic after the death of the country's ruler in his novel *The Day the Leader Was Killed*.

ANSWER: Naguib **Mahfouz**

3. Answer the following about noted double fugues from 20th century music:

[10] During the exposition of the first subject in this piece's second movement double fugue, a flute unusually takes up the bass voice. This choral piece from Stravinsky's neoclassical period begins with a strangely voiced E minor chord.

ANSWER: ***Symphony of Psalms***

[10] This German composer used a double fugue to represent a "merry dispute" in his *Sinfonia Domestica*. His other tone poems include *Don Juan*, *Don Quixote*, and *Till Eulenspiegel's Merry Pranks*.

ANSWER: **Richard George Strauss** [prompt on "Strauss"]

[10] The Kyrie and Christe from this piece comprise a five-voice double fugue in which each voice is divided into four parts in canonic imitation, a demonstration of its composer's trademark micropolyphony.

ANSWER: György Sándor **Ligeti's Requiem** [prompt on "Requiem"]

4. This quantity is inversely proportional to the curvature of the Energy-wavenumber relation and is allowed to be negative unlike its physical counterpart. For 10 points each,
[10] Name this quantity, which describes the response of particles or pseudoparticles in a solid to a force.

ANSWER: **effective mass** [or **m*** (pronounced **m star**). Do NOT accept or prompt on **mass**]

[10] An entity for which the effective mass is usually negative is this positively charged pseudoparticle, the absence of an electron in a lattice.

ANSWER: **hole**

[10] In a 3D band, this quantity is proportional to the effective mass to the 3/2 power (rather than the normal mass) and the square root of the norm of the distance of the particle energy from the band extremum. It has units of per unit volume per unit energy.

ANSWER: **density of states** [do not accept or prompt on any other answer or partial answer]

5. Cora Diamond's explorations of ethics have underlying similarities in terms of a moral imaginative mode to this philosopher's works in philosophy of literature. For 10 points each:

[10] Identify this thinker who analyzed the connection between literary and philosophical theory while developing an ethical theory from Henry James' novels in "Perceptive Equilibrium". She also wrote *The Fragility of Goodness*.

ANSWER: Martha **Nussbaum**

[10] Cora Diamond has also written on Henry James and ethics, but she primarily works on this philosopher, the subject of her book *The Realistic Spirit*. He wrote *Philosophical Investigations* and *Tractatus Logico-Philosophicus*.

ANSWER: Ludwig **Wittgenstein**

[10] One of Diamond's rivals for foremost contemporary Wittgenstein scholar is this author of *Wittgenstein on the Foundation of Mathematics* and *Rails to Infinity*. He attempted to establish a neutral set of assumptions to ground the realism-anti-realism debate in his *Truth and Objectivity*.

ANSWER: Crispin **Wright**

6. This method assumes that the interaction between electrons is zero and constructs a wavefunction by using the antisymmetry principle for fermions to rule out simple multiplicative combinations like its namesake's products. For 10 points each,

[10] Name this method which instead uses Slater determinants to construct wavefunctions in the self consistent manner for which this method is also named.

ANSWER: **Hartree-Fock** method [prompt on **Self Consistent Field** method]

[10] In Hartree-Fock theory, this theorem states that the ionization energy of a molecule is the negative of the energy of the HOMO. It also applies in Density Functional Theory.

ANSWER: **Koopman's** theorem

[10] Koopman's theorem is useful in interpreting the results of this technique which calculates molecular orbital energy via bombardment with X-Ray or UV photons. It uses nearly monochromatic light so that the measurement of the namesake particle's energy can be used to determine molecular orbital energy.

ANSWER: **Photoelectron Spectroscopy** [or **PES**; or **Photoemission Spectroscopy**; or **XPS**; or **UPS**; or X-Ray **photoelectron spectroscopy**; or Ultraviolet **photoelectron spectroscopy**]

7. The modern theory of these entities was introduced in a 1952 essay by Harry Markowitz, who explained that their construction can be optimized along an “efficient frontier.” For 10 points each:
[10] Identify these entities, which can be optimized by picking individual components such as the Sharpe ratio is maximized.

ANSWER: (stock/security) **portfolios**

[10] The configuration of an optimal portfolio will differ for each investor based on their aversion to this measure of the variance in an asset’s returns. Financial beta represents a type of this quantity, which has a tradeoff with return.

ANSWER: **risk** [accept **risk aversion**; anti-prompt on **volatility**]

[10] When constructing an optimal portfolio for a utility-maximizing, risk-averse investor, one typically uses a utility function named for these two economists, who proved that such a function exists for any actor whose preferences satisfy four axioms.

ANSWER: John **von Neumann** AND Oscar **Morgenstern** <Edited>

8. The most typical response to this opening is the Morphy Defense, which moves a pawn to a6. For 10 points each:

[10] Name this very common chess opening that begins with White moving a pawn to e4 and a knight to f3. This opening is named for a sixteenth-century player.

ANSWER: **Ruy Lopez** [prompt on partial answer]

[10] This American favored the Ruy Lopez and played it twice in his defeat of Boris Spassky in the 1972 world championship. Later in life, this eccentric chess player espoused anti-Semitic conspiracy theories.

ANSWER: Bobby **Fischer**

[10] The “Exchange Variation” of the Ruy Lopez was favored by this German mathematician, who reigned as World Champion from 1894 to 1921. He scooped Hitler by writing a book titled *Kampf* in which he outlined a general theory of all competitive activities, including business and war.

ANSWER: Emanuel **Lasker** (no relation)

9. A 2016 poem by an author of this ethnic background interpolates the lyrics of “White Christmas” into images like “a military truck [s]peeding through the intersection, children / shrieking inside.” For 10 points each:

[10] Name this ethnic origin of the author of the collection *Night Sky With Exit Wounds*. The narrator of *The Gangster We Are All Looking For* recalls her time as a “boat person” while escaping this country and eventually settling in Linda Vista in San Diego.

ANSWER: **Vietnam** [or **Vietnamese**; accept **Vietnamese-American**] (the authors are Ocean Vuong and lê thi diem thúy respectively)

[10] Ocean Vuong’s “Aubade with Burning City” depicts an evacuation during the fall of this capital, marking the end of the Vietnam War and the start of a bunch of refugee crises.

ANSWER: **Saigon** [accept **Ho Chi Minh City**]

[10] This novel by Viet Thanh Nguyen is the first by a Vietnamese-American to win the Pulitzer Prize in Fiction. The narrator of this novel is a Vietcong spy who spends years in America observing Bon, a South Vietnamese general, after the fall of Saigon.

ANSWER: *The **Sympathizer***

10. At long last, here's your obligatory barbarians bonus: this tribe spoke a language that is considered to be either isolate or related to Etruscan. For 10 points each:

[10] Name this Alpine tribe, which adopted a number of Celtic customs. They were subdued along with their Vindelici neighbors, which is why the capital of the province named for them was called Augusta Vindelicorum, the later city of Augsburg.

ANSWER: **Rhaetians** [or **Rhaetii**]

[10] The Rhaetians were thought by the Romans to have moved to their present location after being driven out of the Po valley by an invasion of these Celtic people led by Brennus.

ANSWER: **Gauls** [or **Galli**]

[10] Provide the Latin title of the history by Livy which presents that Roman explanation of the origin of the Rhaetians. Its name translates as "from the foundation of the city."

ANSWER: **Ab Urbe Condita Libri** <Edited>

11. In a treatise on the mathematics of music, this scientist also proposed optical designs that would later become the Gregorian and Cassegrain telescopes. For 10 points each:

[10] Name this scientist, who might have become the first person to design and use a reflecting telescope if not for the poor advice of Descartes.

ANSWER: Marin **Mersenne**

[10] Mersenne is probably much better remembered for his namesake set of numbers with this property all of which have the form '2 to the n minus 1'

ANSWER: **primes**

[10] Mersenne relayed the usage of this device to Blaise Pascal from its Italian inventor who would later use it to disprove the Aristotelian notion of wine being 'more spiritous' than water and more likely to rise in this device.

ANSWER: **barometer**

12. Women belonging to this religion must marry fellow believers, but men in this religion may marry People of the Book. For 10 points each:

[10] Name this religion that also permits the practice of polygamy.

ANSWER: **Islam**

[10] According to the Qur'an, men may only have sex with their wives or with these people.

ANSWER: their own **slaves** [or **mā malakat aymānukum**; prompt on **concubines**]

[10] If they have neither wives nor slaves, Muslim men may masturbate, but this is considered *makrūh* or discouraged. Another *makrūh* action is this one, which a man may initiate by saying the word *talaq* three times.

ANSWER: **divorce** <Edited>

13. The Taizong Emperor so admired Wang Xizhi's work in this medium that he had himself buried with his *Preface to the Poems Composed at the Orchard Pavilion*. For 10 points each:

[10] Identify this Chinese artistic medium, styles of which include the clerical and oracle scripts.

ANSWER: **calligraphy**

[10] "The crazy Zhang and the drunk Su" were Tang era calligraphers known for their mastery of this style. When drunk, Zhang would write in this script using his hair instead of a brush. "Grass script" is in this style.

ANSWER: **cursive** style or **caoshu**

[10] This calligrapher frequently used a cursive style inspired by drunk Huai Su for poems such as "Loushan Pass", but opted for a more standard and legible style for his first big-character poster, "Bombard the Headquarters."

ANSWER: Chairman **Mao** Zedong <Edited>

14. This adjective is found in the name of a khanate which had successive capitals at Balasagun, Kashgar, and Samarkand, and which dueled with the Samanids for supremacy over Transoxiana. For 10 points each:

[10] Give this Turkic language adjective, which also describes the group known as the Western Liao, since it was founded when Yelü Dashi fled west from Jurchen invasions.

ANSWER: **Kara** [or **Qara**; prompt on **black** by asking for the translation into Turkic languages]

[10] After the Naiman leader Kuchlug fled to the Kara-Khitai khanate, this fearsome Asian conqueror sent his troops west to absorb the Kara-Khitai into his empire. This man was born Temujin.

ANSWER: **Genghis** Khan [or **Chinggis** Khan]

[10] Many Naimans and Kara-Khitans belonged to this Christian sect, the most popular in Central Asia. Before the conversion of the Ilkhanate's ruler Ghazan to Islam, this sect and Buddhism were the most popular religions throughout the scattered Mongol realms.

ANSWER: **Nestorian** Christianity <Edited>

15. Answer the following about Michael Hamburger, for 10 points each:

[10] Hamburger translated this poem, which begins each of its four sections with "Black milk of daybreak." This poem is narrated by prisoners at a concentration camp, who are forced to dig their own graves by a Nazi.

ANSWER: "**Todesfugue**" [accept "**Death Fugue**"] (by Paul Celan)

[10] Hamburger is today best known for translating works written in this language, whose authors include Paul Celan. Another author in this language, Friedrich Holderlin, wrote *Hyperion* and "The Ister."

ANSWER: **German**

[10] This author wrote about his encounter with Michael Hamburger in his *The Rings of Saturn*. This author's other novels include the lengthy *Austerlitz*.

ANSWER: W.G. **Sebald** [or Winfried Georg **Sebald**]

16. The late John Berger asked why the "look" of these extremely early portraits is "more contemporary than any look to be found in the rest of the two millennia of traditional European art which followed them?" For 10 points each:

[10] Identify this loose grouping of the oldest known surviving portraits, three of which were found in the Tomb of Aline. They take their name from the area of Egypt in which they were found.

ANSWER: **Fayum** mummy portraits

[10] The Fayum portraits were painted using two different media, one being tempera. The other primary painting medium used is this, which consists of pigments mixed with beeswax.

ANSWER: **encaustic**

[10] The Fayum paintings found in the Tomb of Aline are now all held in museums in this German city, which is home to the Altes and Neues Museums as well as the Pergamon Altar. The Brandenburg Gate is found here.

ANSWER: **Berlin** <Edited>

17. This organization was formed with massive support from unemployed lawyers, 19,300 of which volunteered to defend its founder during his trial for slandering the King. For 10 points each:
[10] Identify this organization, which competed with the ideologically similar government of Octavian Goga for political backing.

ANSWER: **Iron Guard** [DO NOT REVEAL THIS ANSWER BUT prompt on Legionnaires]

[10] The Iron Guard's founder, Corneliu Codreanu, was sentenced to hard labor for insulting a king of this name who ruled until his 1940 forced abdication. His great-uncle of the same name was the first King of Romania.

ANSWER: **Carol**

[10] Members of the Iron Guard styled themselves members as members of this kind of military organization, which also provided the name of the largest units of the Roman army.

ANSWER: **legion** [or **legionnaires**; or **legionaries**] <Edited>

18. When your car broke down on a quizbowl trip and flew into a ditch off the road, you hit your head on the steering wheel. For 10 points each:

[10] If you hit your head hard enough, you may have this type of brain injury caused by your brain hitting the inside of your skull. This type of brain injury is unfortunately common in contact sports like football.

ANSWER: **concussions** [accept **mild traumatic brain injury** or **MTBI** or **mild head trauma**]

[10] Because you don't feel so hot, you decide to go to an ER. The doctors start by assessing your neurological function on this scale that is named after a European city. Scores on this scale range from 3 to 15 and are the sum of your eye, verbal, and motor response subscores.

ANSWER: **Glasgow coma** scale [accept **GCS**]

[10] The doctors order a head CT, revealing that you have a subdural hematoma, which is a bleed between the dura mater and this other layer of the meninges.

ANSWER: **arachnoid** mater

19. The author of this text mailed it to recipients demanding that it be printed in a major newspaper or other such publication. For 10 points each:

[10] Identify this text, which describes Leftists as "true believers in Eric Hoffer's sense" and characterized by oversocialization. It opens by stating "the Industrial Revolution and its consequences have been a disaster for the human race."

ANSWER: **Industrial Society and Its Future** [accept answers indicating the manifesto of Ted **Kaczynski** or The **Unabomber**]

[10] John Zerzan, a confidant of Kaczynski, is an anarchist who strongly believes that agricultural society is awful, as stated in his *Against Civilization*. His anarchist views are described by a form of this adjective, which also titles an anthropological text by Edward Burnett Tylor that revived the use of the word "animism."

ANSWER: **primitive** [or anarcho-**primitivism**; the book is **Primitive Culture**]

[10] Zerzan's anarcho-primitivist views led him to take a major role in protests in this city in 1999, in which hundreds of thousands of people demonstrated against the WTO and globalization.

ANSWER: **Seattle**, Washington <Edited>

20. Alan Hollinghurst's unpublished M. Litt thesis on this author was expanded into his novel *The Swimming Pool Library*, in which the narrator Will places the novels of this author on his shelf alongside the diaries of his best friend. For 10 points each:

[10] Identify this early 20th century gay novelist of works like *Valmouth* and *Concerning the Eccentricities of Cardinal Pirelli*.

ANSWER: Ronald **Firbank**

[10] The first section of Alan Hollinghurst's Booker Prize winning *The Line of Beauty* is set just after the reelection of Margaret Thatcher, who is also the target of assassination in a story by this author of *Wolf Hall*.

ANSWER: Hilary **Mantel**

[10] For a long time Alan Hollinghurst was the editor of the absurdly niche literary parlour game, *Nemo's Almanac* whose name could have many sources. One possibility is Captain Nemo, the protagonist of this author's *Twenty Thousand Leagues Under the Sea*.

ANSWER: Jules **Verne**

EXTRA BONUSES

1. This ruler's lover Ernst Johann von Biron brought a number of Baltic Germans into the ministry, garnering resentment from native-born boyars. For 10 points each:

[10] Name this daughter of Peter the Great and Tsarina, a terrible person who loved torture, humiliating disabled people, and hunting animals with a rifle from her palace windows.

ANSWER: Empress **Anna** [or Empress **Anne**; or **Anna** Ivanovna; accept Tsarina **Anna**, etc.]

[10] Anna founded the Cadet Corps, which trained young boys for service in military regiments like these two royal guard regiments formed by Peter the Great out of his "toy army," which served as gendarmerie. *Name either*.

ANSWER: **Preobrazhensky** Regiment OR **Siemenovski** Regiment

[10] Anna's reign was dominated by war, including one fought over the succession of this polity to the west. It would later be partitioned during Catherine the Great's reign.

ANSWER: **Poland-Lithuania** [or **Polish-Lithuanian Commonwealth**] <Edited>