Packet 12

Spartan Housewrite  
  
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Edited by: Jakob Myers, Evan Suttell, Eric Mukherjee, Harris Bunker, Conor Thompson, and Joe Su

Tossups:

1. **Wenger has argued that many older experiments that "demonstrated" this phenomenon must be repeated due to the effect of drowsiness. Sheep meat was sprayed with a chemical that caused a stomachache in wolves in one application of this psychological phenomenon. Mowrer and Mowrer tried to apply the study of this phenomena to prevent bedwetting. Blocking and unblocking is formalized through the summing of their respective terms to a variable symbolized lambda in one model of this phenomenon. It is assumed that an unexpected event increases the power of this phenomenon in the sigma v term in the (\*)** Rescorla-Wagner model of this phenomenon. One experiment that was supposed to verify the existence of this phenomenon exposed a child to a rat which caused him to cry. That experiment was the "Little Albert experiment." Coming in "operant" and "classical" types, for 10 points, what behaviorist phenomenon was exhibited by Pavlov's dogs after a bell was rung?

ANSWER: **conditioning** [accept word forms like **conditioned** or **classical conditioning**]

2. **The unhinged speaker of a poem written in this language declares "I'll kick all Arts in the butt" while asking one character to "let me go." That poem, "Stark Electric Jesus," was written by a translator of Allen Ginsberg and Jean Cocteau into this language, as well as the founder of the Hungryalist literary group. In a poem in this language, the speaker desires a place "Where words come out from the depth of truth" and (\*)** "Where knowledge is free." That poem is featured in a collection written in this language whose first poem ends with the speaker remarking "Ages pass, and still thou pourest, and still there is room to fill." after earlier noting "Thou hast made me endless, such is thy pleasure." Malay Roy Choudhury writes in, for 10 points, what language used to write *Gitanjali* by Rabindranath Tagore?

ANSWER: **Bengali** language

3. **One party named for this adjective established a welfare state in its country under the leadership of president Jose Batlle (BAHT-yay) y Ordonez. It's not "National" or "Republican", but one party named for this adjective had its century-long grip on power broken by the election of a defrocked priest who was later removed in a 2012 "parliamentary coup." Fernando Lugo led one broad coalition that *opposed* a party named for this adjective. In one civil war, a party described by this adjective was supported by Italian troops under Giuseppe (\*)** Garibaldi. Alfredo Stroessner led a party named for this adjective during his tenure as leader of Paraguay. The War of the Triple Alliance was sparked by a civil war in Uruguay between a liberal party of this name and the conservative Blancos. The Worker's Party in Brazil has a logo of this color. For 10 points, name this color, which frequently symbolizes leftist parties in Latin America.

ANSWER: **Colorado** [accept **Red**, **Colored**, prompt on Liberal with "what color?"]

4. **One figure in this text is instructed to burn a third of his hair and scatter another third of it to the wind. A kingdom is described in this text to have obtained wood from various locations for shipbuilding. This biblical book prophesies that that kingdom's sailors and merchants will lament "Who was ever destroyed like [that kingdom], surrounded by the sea?" In Chapter 1 of this biblical book, four creatures, one human face for each, come out of a cloud and drive the (\*)** chariot of God. A prostitute is vividly described in this text as a woman who was "the whore in the land of Egypt" who lusted after men there whose "members were like those of donkeys." The namesake prophet of this book tells how Gog of Magog will threaten Israel and has a vision of The Valley of Dry Bones. For 10 points, identify this Book of the Old Testament about a prophet exiled in Babylon that is chronologically after Lamentations and before Daniel.

ANSWER: Book of **Ezekiel** [or **Y'hez'qel**]

5. **This protein's function is inhibited by a poison found in the sponge *Latrunculia*. TRiC ("trick") or CCT are chaperones required to fold this protein, which is aggregated in Hirano bodies. A protein that binds to and activates this protein is in turn activated by the protein mutated in Wiskott-Aldrich syndrome. Vinculins bind this protein to the cell membrane at zonula adherens. MreB is the prokaryotic analogue of this protein, which is stained using phalloidin derivatives. By binding to the Arp2/3 complex, this protein transitions from its (\*)** monomeric G form to a polymeric F form by hydrolyzing ATP. Tropomyosin lies along the helical groove of polymers of this protein, where it protects this protein's binding sites until calcium binds to troponin. For 10 points, name this protein found in thin filaments, which binds to myosin during muscle contraction.

ANSWER: **actin** [or F-**actin**; or G-**actin**]

6. **This artist built a large collection of Kachina dolls when he lived in Arizona for eight years. A monster reaches out and creates a swastika with its limbs in this artist's *Fireside Angel*. A man wearing orange swim-trunks is seen upside-down in a green pool in a De Chirico-inspired work by this artist. Another of this painter's works features a nude woman wearing an orange fur coat that also covers her face. This artist of *Disrobing of the Bride* claimed that one work was "a kind of farewell" to his previous experiences with (\*)** collages. In that painting, a man reaches towards a red and blue knob, and was based on a childhood nightmare. A technique developed by this artist involves rubbing uneven surfaces to create a drawing. For 10 points, identify this artist of *Two Children are Threatened by a Nightingale* who pioneered frottage.

ANSWER: Max **Ernst**

7. **A concept introduced in this text was eventually resolved if an occasion leads to a neutral intake which disposes both people to assent to it. The author of this essay *rejects* a principle which says that there are no correct languages, but philosophers are only supposed to analyze them. This essay’s author notes that except for "observation sentences" little of human knowledge comes from direct experience. Statements such as "No bachelor is (\*)** married" are criticized in this essay for using definitionally granted notions of synonyms. By claiming that there is no direct definition of meaning, this paper argued against the analytic/synthetic division. For 10 points, identify this paper that attacked the central tenants of Carnap and other logical positivist philosophy which was written by W.V.O. Quine.

ANSWER: **Two Dogmas of Empiricism**

8. **This politician plagiarized the French politician Charles de Montalembert in using the slogan "a free church in a free state" as part of his accommodation with the Catholic Church. This politician resigned his post at a meeting in the city of Villafranca before later returning to it. He's not French, but in the Plombieres Agreement, this leader secured a verbal agreement from a neighboring monarch to declare war with Austria together. This politician ceded (\*)** Nice and Savoy to that other leader in exchange for assistance in a war that included the Battle of Solferino. This leader served as Prime Minister to his country's first king, Victor Emmanuel II. In one analogy, this leader was compared to the "brain" to Giuseppe Mazzini's "heart" and Giuseppe Garibaldi's "sword". For 10 points, name this Prime Minister of Piedmont-Sardinia who played a crucial role in unifying Italy.

ANSWER: Count Camillo Benso di **Cavour**

9. **A semi-autobiographical character created by this author dies on a Scottish island in the dystopian finale to a 5-book series. One character created by this author has an affair with a psychiatrist named Paul until he moves with his wife to Nigeria. Another novel by this author of *The Four Gated City* takes its title from *The Waste Land* and is told as a flashback after Moses kills his white employer, Mary (\*)** Turner, for money. In another novel by this author, the protagonist lives off money earned for her book *Frontiers of War*. This author of the series *Children of Violence* wrote a novel with a frame story entitled Free Women, and focuses on the "red," "black," "blue," and "yellow" notebooks of Anna Wulf. For 10 points, name this author of *The Grass is Singing* and *The Golden Notebook*.

ANSWER: Doris **Lessing**

10. **While searching for WIMPS, Akerib et al. have been able to make 3D models relevant to this quantity in the LUX detector. There, this quantity varied according to time, depth and azimuth. When related time derivatives are negligible, this quantity can be approximated to be proportional to the product of quantities denoted by rho and L.When this quantity is (\*)** uniform, it can be well-approximated by the ratio of the potential difference and the distance. When this quantity is sufficiently high, the splitting of spectral lines can be observed due to theStark Effect. This quantity crossed the magnetic field defines the Poynting vector. One law sets the divergence of this quantity equal to the charge density divided by the vacuum permittivity and is named for Gauss. For 10 points, identify this vector field, symbolized E, that associates a Coulomb force for each point in space.

ANSWER: **Electric Field** [accept **E Field** before mention]

11. **This island's ancient polyphonic singing tradition of *cantu a tenòre* attracted the attention of Peter Gabriel, who produced an album by its Tenores di Bitti. This island's flag depicts a red cross which divides the background into four parts, each of which contains a depiction of a Moor's head. This island is dotted by ancient holy wells which typically contain steps leading down to a conical chamber, as well as by large tombs called "giants' graves." Those structures were built by a civilization best known for constructing circular stone towers called (\*)** *nuraghe*. Cagliari is the largest city on this island, which is the southernmost of the two large islands on the west side of the Tyrrhenian Sea. For 10 points, name this Mediterranean island owned by Italy, which lies just south of Corsica.

ANSWER: **Sardinia**

12. **One monarch of this empire was overthrown by his brother after giving up his queen, the noted scholar Dhruvadevi, to a neighboring king. One ruler of this empire annexed the territory of the Western Satraps and the Scythian-descended Shaka people. This empire was visited by the Buddhist pilgrim Faxian. This empire fell to an invasion of the Hunas, or (\*)** Hephthalites. A rump state of this empire was conquered by Harsha in the 7th century. This empire patronized poets including Kalidasa. It wasn't ruled by Ashoka, but this empire developed out of the Kingdom of Magadha and had its capital at Pataliputra. For 10 points, name this empire founded by Chandra that controlled Northern India from the 4th to 6th centuries CE.

ANSWER: **Gupta** Empire

13. **This character's talent at baking cakes is recounted to Kate and Eula at the beginning of the novel in which she appears. This character calls fear something "invented by someone that never had the fear." following a section of a novel in which she acknowledges that one of her children "is my cross and he will be my salvation." One character stares at her without speaking because "his heart too full for words" after considering leaving her to go earn (\*)** three dollars with his brother. This character is said to have "coddled and petted" her son Jewel that was the product of an affair with Reverend Whitfield. Two holes are poked into her head by her son Vardaman who repeatedly calls her a fish. Cash builds a coffin for, for 10 points, what matriarch of the Bundren family in William Faulkner's novel *As I Lay Dying*?

ANSWER: **Addie** Bundren [accept **Mrs. Bundren** or any answer implying that **she's the mother of the Bundren family**; prompt on Bundren since there are plenty of characters in this novel with that surname]

14. **The lithium borate of this element forms a nonlinear optical crystal that generates the fourth and fifth harmonics of the fundamental frequency of Nd:YAG lasers. Ionic compounds with this element as the cation tends to leave its anion "naked", leading to this element's namesake "effect" in polar aprotic solvents. This element's formate is used as a drilling fluid in oil extraction. It's not sucrose, but a compound with this element as the cation is mixed with ethidium bromide in layers to perform density gradient (\*)** centrifugation of DNA. This element's 137 isotope beta decays to barium. This softest metal was named for the blue lines in its emission spectrum by its discoverers, Kirchhoff and Bunsen. Transitions between two hyperfine ground states of one isotope of this element is the basis for most atomic clocks. For 10 points, name this second-heaviest alkali metal with atomic number 55 and symbol Cs.

ANSWER: **cesium** [or **Cs** before mention]

15. **Near the end of another piece's second movement, this composer wrote "Alliluya" on the top of a page; at the very end of the score, he wrote "I thank thee, Lord." In a piece by this composer for piano and orchestra, the pianist begins this 16th-note-rhythm melody on beat three of the second-measure: [read slowly] A-flat, down to F, up to G-flat, up to A-flat, down to D-flat. A work by this composer opens with a loud and long F-minor chord in the piano followed by a single very low F. Both that C-minor piano concerto and a C-sharp minor prelude by this composer opens with (\*)** bell like chords. This composer included a prominent alto saxophone part in his *Symphonic Dances*. This composer used an Italian composer's 24th caprice for solo violin as the theme in a piece for piano and orchestra with 24 variations. For 10 points, name this Russian composer of *Isle of the Dead* and *Rhapsody on a Theme of Paganini*.

ANSWER: Sergei (Vasilievich) **Rachmaninoff**

16. **According to Pausanias, the founder of this city fought the Hyantians and the Aonians. Before those people settled here, this city's land was inhabited by Ogygus, who ruled the Ectenians. This city had to pay a tribute of 100 oxen a year to Erginus of Orchomenus, until Hercules led it in revolt. While helping a king of this city, Amphitryon set the infallible hound Laelaps on the uncatchable (\*)** Teumessian fox. The musician Amphion charmed stones into moving to build the walls of this city. The founder of this city followed a cow until it collapsed, then sowed a dragon's teeth to create the Spartoi warriors. A king of this city solved the riddle of the Sphinx before killing his father and marrying his mother. For 10 points, name this city founded by Cadmus and ruled by Oedipus.

ANSWER: **Thebes**

17. **The Knights of the Flaming Circle, named for their practice of burning tires at meetings, were formed to oppose this organization. Mary Tyler and Edward Clarke played key roles in publicizing this organization, and two members of this organization, Edward Jackson and Clifford Walker, served as governors of their states in the 1920s. This organization's formation was inspired by a series of novels by Thomas Dixon and was brought about by William J. Simmons. This organization supported John Davis at a (\*)** Democratic National Convention nicknamed for its dominance by this organization in 1924. This organization was formed at a rally at Stone Mountain, and D. W. Griffith's film *Birth of a Nation* inspired a surge in this organization's membership. For 10 points, name this racist organization, a "revival" of a reconstruction-era terror group who wore white hoods as their uniform.

ANSWER: Second **K**u **K**lux **K**lan [accept Second **Klan**]

18. **This set is the largest commutative Hurwitz algebra. Marden's theorem allows one to compute the foci of a triangle's Steiner inellipse by producing a polynomial over this set. Any analytic function over this set must be either unbounded or constant, according to Liouville's theorem. This set can be represented by 2-by-2 matrices with equal diagonal elements and off-diagonal elements which are the negatives of each other. The (\*)** Cauchy **(Co-shee)**-Riemann equations govern the differentiation of functions over this set. This set is algebraically closed according to the fundamental theorem of algebra, which guarantees that any nth-degree polynomial with coefficients from this set has n solutions in this set. For 10 points, identify this set of numbers which are usually expressed in the form "a plus b i", where i is the square root of negative one.

ANSWER: **complex** numbers [or **C**; do not accept or prompt on "imaginary numbers"]

19. **The arsonist grandfather of a character in this novel either drowns or becomes a the head of a fire insurance company in America. A character in this novel remarks that the century should be described as “Barbaric, mystical, bored.” This novel ends with the protagonist laughing while reciting a nursery rhyme about the "Black witch." That protagonist of this novel joins a (\*)** jazz band with Klepp and Scholle. A boy is frequently called Jesus by a gang called "The Dusters" in this book. A character in this novel is shot by Russians while trying to swallow a political pin. After finding the finger of Sister Dorothea, the protagonist of this novel is confined to an asylum for murdering her. The protagonist of this novel is able to shatter glass by screaming and decides to stop growing at age 3. For 10 points, identify this novel about Oskar Matzerath, the first book of the *Danzig Trilogy* by Gunter Grass.

ANSWER: *The* ***Tin Drum*** [or Die **Blechtrommel**]

20. **A contemporary operatic setting of this story that ends with the choral number "Shine, Holy Ray of Love" was composed by English composer Alma Deutscher at the age of 10. Julie Giraudon was the dedicatee of a Massenet setting of this story where one of the main characters is named Lucette. Gustav is the owner of the Four Seasons department store in a ballet adaptation of this story. That setting of this ballet was finished by Josef Bayer and was (\*)** the younger Johann Strauss's only ballet. Frederick Ashton added comedic elements for a 1948 choreography of earlier adaptation of this story that included variations for Skinny and Dumpy and a number titled for grasshoppers and dragonflies, who are transformed into servants with the help of spring, summer, autumn, and winter fairies. Don Magnifico plays a traditionally female role in Rossini's setting of this story, *La Cenerentola*. For 10 points, name this story where in a Prokofiev ballet the title character loses her glass slipper.

ANSWER: **Cinderella**

Bonuses:

1. This character is described as carrying a heavy bag, a folding stool, a picnic basket and a greatcoat when he first appears. For 10 points each:

[10] Identify this character who mentions "the public works of Puncher and Wattman" in a speech that ends with him muttering ". . . the stones . . . so calm . . . Cunard . . . unfinished . . ."

ANSWER: **Lucky**

[10] Lucky mentions this sport 9 times in his monologue, stating that he would "resume alas alas abandoned unfinished the skull the skull in Connemara" in spite of this sport. This is the first sport mentioned before "football running cycling swimming flying floating" and more!

ANSWER: **Tennis**

[10] Lucky appears with Pozzo, Vladimir, and Estragon in this Samuel Beckett play centering on the arrival of the title character who never shows up.

ANSWER: ***Waiting for Godot***

2. Answer the following about operators in quantum mechanics for 10 points each:

[10] In quantum mechanics, the operator for this quantity is equal to negative i times h bar times the partial with respect to position. In classical mechanics, this quantity is written as the product of mass and velocity.

ANSWER: **momentum** [accept **linear momentum**; do NOT accept or prompt on "angular momentum"]

[10] This kind of other operator creates a new state with a raised or lowered eigenvalue. The quantum harmonic oscillator is an example of these operators which can describe the energy spectrum and wave functions without solving differential equations.

ANSWER: **Ladder** operator

[10] For an operator, this value, often represented by angle brackets, is the average measurement of the observable variable over a region *R*. For a one dimensional particle in a box of length *a*, this value can be calculated to be a divided by 2.

ANSWER: **Expectation** Value

3. Answer the following about attacks on Roman control in Hispania, for 10 points each.

[10] This former shepherd and leader of the Lusitani rose up against Roman control after a governor dug a trench around a group of Lusitani and killed them while they were surrendering their weapons. This leader defeated a Roman army at the Battle of Mt. Veneris.

ANSWER: **Viriathus**

[10] The governor who massacred the Lusitani and instigated Viriathus's revolt had this name. This name was shared by the first emperor of the Year of the Four Emperors who was succeeded by Otho.

ANSWER: Servius Sulpicius **Galba**

[10] Rome initially gained control of Hispania from this city, which conquered much of Hispania from its native Celtiberians under its general Hamilcar Barca.

ANSWER: **Carthage** [accept **Qart Hadasht**]

4. Answer the following related to the so-called Pluralist school of pre-Socratic philosophy for 10 points each.

[10] This Pre-Socratic philosopher was one of the first to mention the Milky Way. This man, mentioned in *The Apology*, developed the concept of *Nous* as the agent responsible for the rotation and separation of the primordial mixture.

ANSWER: **Anaxagoras**

[10] NOTE TO PLAYER: One of two answers required. These two elements separate and bring together the four elements of the pluralist Empedocles. These two concepts can be seen as forces of attraction or repulsion. Again, you may give either answer.

ANSWER: **Love** or **Strife** [accept **Eros** or **Eris** respectively]

[10] Sometimes, Democritus is associated with the pluralists, but he himself is primarily known for positing the existence of this physical system. Though not indestructible, these scientific objects have protons and neutrons in their nucleus.

ANSWER: **Atoms** [or **Atomos**]

5. Answer the following about literary reactions to the Sacco and Vanzetti trial for 10 points each:

[10] This author wrote about Mio Romagna trying to prove his father innocent after his execution in *Winterset*. This playwright worked with Kurt Weill **(Vile)** to write a musical based on *Cry, the Beloved Country*.

ANSWER: Maxwell **Anderson**

[10] One autobiographical section in this novelist's most famous trilogy includes the line "they have built the electricchair and hired the executioner to throw the switch/ all right we are two nations" in response to the trial.

ANSWER: John **Dos Passos**

[10] "The Sacco and Vanzetti Poem" was written by the poet Jacob Glatstein in this language, in which Isaac Bashevis Singer wrote the works, including *Gimpel the Fool*, for which he won the Nobel Prize.

ANSWER: **Yiddish**

6. It is cold in Siberia. Answer some questions about the consequences of that for 10 points each.

[10] Much of Siberia east of the Urals is subject to this phenomenon in which the ground temperature is below the freezing point of water for multiple years at a time. Where this phenomenon occurs, buildings are often built on piles to avoid thawing the ground and destabilizing it.

ANSWER: **permafrost**

[10] These earth-covered mounds of ice are often found in areas with significant permafrost, like northern Siberia and Nunavut. They take their name from the Western Canadian Inuit name for a small hill.

ANSWER: **pingo**s [or **hydrolaccolith**s, or **bulgunniakh**y]

[10] This term is used to refer to the topographical features such as lakes which result from localized melting of permafrost. This term is used because of the similarity of such features to those which result from the erosion of limestone.

ANSWER: **thermokarst** [do NOT accept or prompt on "karst"]

7. This event's perpetrator was angered by the mayor's decision to appoint Don Horanzy to the seat he had previously held. For 10 points each:

[10] Identify this event in which Dan White, a recently retired member of the Board of Supervisors, shot the mayor and a rival member of the board. White's subsequent conviction for manslaughter rather than murder sparked the so-called White Night riots.

ANSWER: the **assassination** of George **Moscone** and Harvey **Milk** [accept anything mentioning **kill**ing and *either* **Milk** or **Moscone**]

[10] Following the shooting, Milk's body was discovered by this politician who was then the president of the Board of Supervisors. This politician replaced Moscone as mayor, eventually being elected in her own right to two full terms.

ANSWER: Dianne **Feinstein**

[10] The assassinations of Moscone and Milk took place in this Bay Area California city.

ANSWER: **San Francisco**

8. Answer the following about the Louvre...in Abu Dhabi. For 10 points each:

[10] The Louvre Abu Dhabi owns this painting, the most expensive in the world. This portrait of Jesus shows him holding up his right hand and crossing two fingers as he holds an orb in his left. This $450.3 million painting is controversially attributed to Leonardo da Vinci, and has not yet been shown since its purchase.

ANSWER: ***Salvator Mundi***

[10] This artist's portrait of Sir Thomas Wyatt also is at the Louvre Abu Dhabi. More notably, this man depicted Jesus lying horizontally with an unnaturally elongated chin in his *The Body of the Dead Christ in the Tomb*.

ANSWER: Hans **Holbein** the Younger

[10] The Musée d'Orsay loaned a self-portrait of this artist of *Wheatfield with Crows* and *Portrait of Dr. Gachet* to the Louvre Abu Dhabi.

ANSWER: Vincent van **Gogh**

9. This city's heritage "Train to the End of the World" reflects its motto, "the end of the world and the beginning of everything". For 10 points each:

[10] Identify this former prison colony in Tierra del Fuego, sometimes called the southernmost city in the world.

ANSWER: **Ushuaia**, Argentina

[10] Ushuaia is located on the northern shore of this waterway, which lies south of the Strait of Magellan. It is named for the ship that surveyed it over the course of multiple voyages around South America.

ANSWER: **Beagle** Channel

[10] Ushuaia's airport, which extends into the Beagle Channel, is named to assert Argentina's claim of sovereignty over these islands, which it disputes with Britain.

ANSWER: **Falkland** Islands [or Las **Malvinas**]

10. This technique relies on the relative affinity of an analyte for a mobile phase over a stationary phase. For 10 points each:

[10] Identify this laboratory technique in which a solution is separated into its components. A common introductory lab is to perform the "paper" version of this technique on pen ink.

ANSWER: **chromatography** [accept any more specific answer]

[10] Dye-ligand chromatography is one type of this kind of column chromatography used to purify tagged proteins based on a specific interaction between an immobilized phase and the tag. A common example is using a nickel column to purify His-tagged proteins.

ANSWER: **affinity** chromatography [or **immobilized metal affinity chromatography** or **IMAC**]

[10] During His-tagged protein purification, the elution step can be conducted using a 200 millimolar solution of this compound. This compound has a strong absorbance at 280 nm, which can make quantification of the eluent tricky.

ANSWER: **imidazole** [or **1H-Imidazole** or **1,3-diazole** or **glyoxaline** or **1,3-diazacyclopenta-2,4-diene**]

11. Answer the following about Papal bulls in the 15th century that all relate to Portugal for 10 points each.

[10] This bull issued in 1494 confirmed the Treaty of Tordesillas, which divided the world into Spanish and Portuguese spheres of influence.

ANSWER: ***Inter Caetera***

[10] The bull *Dum Diversas*, issued by Pope Nicholas V, legitimized this practice for captives in Portuguese colonial wars against non-Christians. This practice's abolition in Brazil in 1888 garnered an approving note from Pope Pius IX.

ANSWER: perpetual **slavery** [accept in **servitudinam** perpetuam]

[10] *Inter Caetera* was issued by this pope, a non-celibate member of the Borgia family who apocryphally held the debauched "banquet of the chestnuts". Other bulls issued by this pope were the source of the "requirement" read to Native Americans before Spanish colonial wars.

ANSWER: **Alexander VI** [accept **Rodrigo Borgia** or **Rodrigo de Borja**]

12. Answer the following about the Heinemann African Writers Series for 10 points each.

[10] The Heinemann series helped repopularize this "historical romance" originally published in Sotho by Thomas Mofolo, which incorporates Sotho legends about the title king.

ANSWER: ***Chaka***

[10] The series also includes Ayi Kwei Armah's novel *The Beautyful Ones Are Not Yet Born*. Armah was a novelist from this country, also home to the author of *Homegoing*, Yaa Gyasi.

ANSWER: **Ghana**

[10] This Nigerian author served as editor of the series. He is most famous for a novel in which the wrestler Okonkwo commits suicide, *Things Fall Apart*.

ANSWER: Albert Chinua **Achebe**

13. There's no accounting for taste, so answer the following about odd accounting decisions made about art for 10 points each.

[10] This artist's painting "Canyon" contained a stuffed bald eagle, so selling it for more than $0 would have violated the Convention on Trade in Endangered Species. That painting by this artist of combines including "Monogram," however, was valued at $65 million for tax purposes.

ANSWER: Robert **Rauschenberg**

[10] This Romanian sculptor's piece "Bird in Space" was taxed as scrap metal upon being imported into the US because customs inspectors did not believe it was art.

ANSWER: Constantin **Brancusi** **("Bran-kush")**

[10] The federal panel overseeing art valuation that ruled on Rauschenberg's "Canyon" is supervised by the director of this museum. This museum contains Rembrandt's "The Abduction of Europa" and Van Gogh's "Irises." A secondary campus of this museum displays Roman and Etruscan art.

ANSWER: J. Paul **Getty** Museum [accept **Getty** Villa]

14. Answer the following about quizbowl's favorite genre of pop music: contemporary rock for 10 points each.

[10] A single of this name by Godsmack came out in 2018, but you may be more familiar with a song of this name by La Roux where the singer repeats that "this time baby I'll be" the title condition.

ANSWER: "**Bulletproof**"

[10] If you cared, Sevendust released an album in 2018 called *All I See is War*. The alt metal quintet hails from this Southern US city home to the rapper 2 Chainz and Killer Mike of Run the Jewels.

ANSWER: **Atlanta**, Georgia

[10] This band's 2017 hit "Betray and Degrade" has continued to get radio play. This band is also notable for its song "Broken", performed with Amy Lee of Evanescence, and its cover of George Michael's "Careless Whisper."

ANSWER: **Seether**

15. This theologian called Brahman the "only truth" in his *Brahma Sutra Bhasya*. For 10 points each:  
[10] Name this 8th century Indian theologian who eschewed the *bhakti* movement and whose followers included Padmapada and Hastamalakacharya. He founded the Advaita Vedanta movement.  
ANSWER: Adi **Shankara** [also accept **Shankaracharya**]  
[10] The Advaita Vedanta school offered many interpretations of these texts that make up the conclusion to the *Vedas*. The first ten of the *Mukhya* set of these texts were commented on by Shankara.  
ANSWER: ***Upanishads*** [prompt on Vedanta]  
[10] Adi Shankara founded this Hindu tradition notable for the worship of five deities who are all considered equal, known as Panchayatana puja, as well as a sixth, attributeless god who represents the impersonal, or *nirguna*, ultimate reality of Brahman.  
ANSWER: **Smarta** tradition

16. Answer the following about mononucleosis, AKA the kissing disease, for 10 points each.

[10] Mononucleosis is usually caused by this herpes virus that can also be associated with Hodgkin's lymphoma. It's also occasionally caused by CMV, which is a relative of this virus.

ANSWER: **Epstein-Barr** virus [or **EBV**; **human herpesvirus 4** or **HHV-4**]

[10] Mononucleosis can cause swelling of this large lymphoid organ on the left side of the abdomen, which is why people are told to avoid sports for a few weeks after recovering. This organ also destroys old red blood cells.

ANSWER: **spleen**

[10] ELISA for EBV typically detects antibodies against EA, viral capsid antigen, and to an antigen named for this cellular organelle. That antigen named for this organelle is expressed during all stages of EBV latency.

ANSWER: **nucleus** [or **nuclear** antigen; accept **EBNA** or **EBNA-1** or **Epstein-Barr Nuclear Antigen**-1]

17. This country's civil war led to an Israeli invasion to establish a buffer zone and led to the founding of Hezbollah. For 10 points each:

[10] Name this country where US marines intervened in 1958 to suppress a Muslim rebellion against the Maronite-led government of Camille Chamoun. This country's capital of Beirut was struck by heavy fighting during this country's civil war.

ANSWER: Republic of **Lebanon** [accept Jumhuriyah al-**Lubnaan**]

[10] The Lebanese Civil War was ended by this agreement. Under the terms of this agreement, Lebanon's president is Maronite, its Prime Minister is Sunni, and the speaker of its parliament is Shia. This agreement signed in Saudi Arabia also forced Israel and Syria to withdraw troops from Lebanon.

ANSWER: **Taif** Accord [also accept **Taif Agreement**]

[10] This religious community was not granted a major position of power by the Taif Accord. This community in Lebanon is centered on a namesake mountain and its leaders, Kamal and Walid Jumblatt, are also the heads of Lebanon's Progressive Socialist Party.

ANSWER: **Druze**

18. Answer the following about pseudonyms in British literature for 10 points each.

[10] This author first used her pen name when writing "The Sad Fortunes of the Reverend Amos Barton", the first story in her collection *Scenes of Clerical Life*. She later used her male pseudonym for novels such as *Middlemarch*

ANSWER: George **Eliot** [or Mary Ann **Evans**]

[10] For *Colonel Sun*, the first James Bond novel not written by Ian Fleming, this author used the pseudonym "Robert Markham." This author's most famous work focuses on a professor who has an essay on medieval shipbuilding stolen by his editor.

ANSWER: **K**ingsley **Amis** [prompt on just Amis]

[10] This noted translator of Virgil and member of the Auden Group used the pseudonym "Nicholas Blake" to write crime novels featuring Nigel Strangeways. He was also known for poetry collections such as *A Time to Dance*, and served as Poet Laureate of the United Kingdom from 1968 to 1972.

ANSWER: Cecil **Day-Lewis**

19. Answer the following about music in Canada for 10 points each:

[10] The Canadian Inuit are known for this vocal performance. Traditionally, two women stand face to face with each other, possibly holding onto each other, and perform until one runs out of breath. Tanya Tagaq is a contemporary performer of this genre. Either the Inuit or the common English name is acceptable.

ANSWER: **throat singing** [or **katajjaq**]

[10] Prominent Canadian players of this instrument include, Marc-André Hamelin, Oscar Peterson and Glenn Gould, the latter of whom often hummed while he played.

ANSWER: **piano**

[10] In 2015, Charles Richard-Hamelin finished second place at the seventeenth edition of this prestigious piano competition to South Korean Seong-Jin Cho. This is one of few competitions that focus on the works of a single composer.

ANSWER: International **Chopin** Piano Competition

20. This thinker noted the difference between production space, natural space and social space. For 10 points each:

[10] Identify this philosopher and sociologist who argued that the total urbanization of society was inevitable in a book in which he argued against a conception developed by people like Le Corbusier.

ANSWER: Henri **Lefebvre** (“**Le-FEB**”)

[10] Lefebvre also came up with the idea of right to these places. Jane Jacobs titled a book about the *Death and the Life* of the *Great American* version of these places.

ANSWER: **city** [accept **right to the city**, ***The Death and the Life of Great American Cities***, or *Le Droit à la* ***ville***]

[10] This sociological model of cities, developed by Burgess, was developed using the city of Chicago as an example. The commuter zone is the farthest region identified by this model, while the Central Business District is in the center.

ANSWER: **concentric** zone model [also accept **CCD**, prompt on zone model]