

ACF Fall 2019

Packet by Claremont Colleges, Penn State A, Rice A

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Tossups

1. During a conversation in this novel, a man admits he would “eat anything from an animal, the last remains,” but he finds a “plain, raw carrot... quite distasteful.” At the end of this novel, the protagonist tells the Japanese Ministry of Transport in Mexico an alternative story about a cannibal cook. After discovering fruit that contains human teeth, the protagonist of this novel leaves an island full of meerkats. The protagonist of this novel, who simultaneously practices Hinduism, Islam, and Christianity, survives a shipwreck with Richard Parker. For 10 points, name this novel by Yann Martel (“YAWN mar-TEL”) about Piscine Patel, who is stranded on a lifeboat for 227 days with a Bengal tiger.

ANSWER: **Life of Pi**

<World/Other Literature>

2. Molecules with this property can dimerize into parallel-displaced and T-shaped conformations, which are examples of stacking interactions. The Birch reduction removes this property from molecules. Tryptophan, histidine, phenylalanine, and tyrosine all exhibit this property. Molecules with this property have four n plus two pi electrons, exhibit a planar geometry, and must be cyclical according to Hückel’s rule. A snake devouring its tail inspired August Kekulé (“KAY-koo-lay”) to propose the shape of a molecule with this property. For 10 points, name this molecular property that is responsible for stabilizing benzene and has a good-smelling name.

ANSWER: **aromaticity** [or **aromatic**; prompt on resonance]

<Chemistry>

3. A senator from this state earlier served as Secretary of the Treasury under his father-in-law Woodrow Wilson. William Gibbs McAdoo (“MACK-uh-doo”) represented this state, which Wilson narrowly won in 1916 partly because Charles Evans Hughes received little help from its progressive governor Hiram Johnson. In 1934, a governor’s race in this state was lost by Upton Sinclair, whose EPIC campaign sought to “end poverty in” this state. Japanese internment was supported by a governor of this state, Earl Warren, who later opposed another politician from this state who became Dwight Eisenhower’s vice president. For 10 points, Richard Nixon hailed from what West Coast state?

ANSWER: **California**

<American History>

4. In an opera centered on a man with this profession, a lullaby in which a “cloud-flower blossoms” is sung by that man’s Tewa (“TAY-wah”) housemaid. A 2005 libretto by Peter Sellars has a man with this job sing “Batter My Heart, Three- Personed God,” and elsewhere quotes the *Bhagavad Gita*. Performances of “I Feel the Earth Move” and “Mr. Bojangles” appear in an opera titled for a man with this job that opens the composer’s *Portrait Trilogy*. In that opera, the title member of this profession plays violin in one of five plotless “knee plays.” For 10 points, name this profession of the title characters of both John Adams’s *Dr. Atomic* and Philip Glass’s *Einstein on the Beach*.

ANSWER: **scientists** [accept **physicists**; accept **Dr. Atomic** until read, but prompt on doctor by asking “he has a doctorate in what field?”; prompt on descriptions like people on the Manhattan Project]

<Other Arts>

5. A symbolic form of this practice that acts to maintain a dominant culture’s hegemony was identified in Pierre Bourdieu’s *Distinction*. Marshall Sahlins resigned from the National Academy of Sciences on account of a book which alleged that the Yanomami constantly engaged in this behavior. Patrick Tierney’s *Darkness at El Dorado*

suggests that Napoleon Chagnon (“SHAG-nun”) encouraged that Amazonian tribe to engage in this practice. The narrative that this practice’s frequency has declined over time appears in *The Better Angels of Our Nature* by Steven Pinker. Max Weber (“VAY-bur”) said that the state has a legitimate monopoly on the use of this phenomenon. For 10 points, identify this behavior often defined as “the intentional use of force.”

ANSWER: **violence** [accept **force** until read; accept **war**]

<Social Science>

6. This empire’s judicial system was administered by a general assembly called the Pankus that enforced a remarkably non-violent legal code. The Kingdom of Mitanni was conquered by this empire’s ruler Suppiluliuma I (“SUP-il-oo-lee-OO-mah the first”), but this empire lost control of it after losing the Battle of Nihriya to Assyria. Another ruler of this empire, Muwatalli II (“moo-wa-TA-lee the second”), moved its capital south from Hattusa and clashed with a rival civilization near the Orontes River in 1274 BC. At that chariot battle, this empire clashed with Ramesses II’s Egyptians by the town of Kadesh. For 10 points, name this ancient Anatolian civilization.

ANSWER: **Hittites** [or **Hittite** empire; or **Hittite** civilization]

<World History>

7. A system named for this behavior was proposed by Balthasar Van der Pol. The Morse potential accounts for deviations from this behavior. Atoms in Einstein’s heat capacity model were treated as displaying this behavior. Another system named for this behavior has wavefunction solutions equal to the product of a Gaussian and an Hermite (“air-MEET”) polynomial. Motion of this type may be eliminated using critical damping. In a simple system exhibiting this behavior, the restoring force is proportional to displacement. For 10 points, Hooke’s law describes what type of motion exhibited by masses on springs and pendulums?

ANSWER: **oscillation** [or word forms such as **oscillatory** motion or behavior; accept simple harmonic **oscillator** or **SHO**; accept simple **harmonic motion** or **SHM**; accept quantum harmonic **oscillator** or **QHO**; accept quantum **harmonic motion** or **QHM**; accept Van der Pol **oscillator**]

<Physics>

8. While he isn’t the same-named inventor of the sewing machine, Isaac Singer invented a controversial machine for the rapid production of this substance. Ultra-Orthodox groups insist on the *shmurah* form of this substance, which is diligently guarded throughout its creation. Three pieces of this substance sit [emphasize] *next to* a plate of six symbolic foods, and customarily, children attempt to find a hidden portion of this substance called the *afikoman* (“ah-fee-KO-min”). This substance acts as a substitute for *chametz* (“kha-METS”), whose consumption is not permitted on Passover. Traditionally, this flour-based food isn’t allowed to rise, in tribute to the hasty nature of the Exodus. For 10 points, name this type of unleavened bread central to many Jewish rituals.

ANSWER: **matzo** [or **matzah**; or **matzot**; or **matzos**; prompt on **bread** or **unleavened bread** until read; prompt on **dough**]

<Religion>

9. An anonymous book that was [emphasize] *misattributed* to this author argued that God’s command to exterminate the Canaanites was illegitimate because “All Revelation” must fall within the bounds of moral law. That book was actually written by his follower Johann Gottlieb Fichte (“FICK-tuh”). This philosopher held that space and time are not “empirical concepts” but instead “forms of intuition.” This thinker divided a “thing-in-itself” from one’s perception of it, or the noumenon (“NOO-muh-non”) from the phenomenon. This thinker found that some nonanalytic facts could still be known *a priori*, such as that “seven plus five equals twelve.” For 10 points, name this German whose three critiques include the *Critique of Pure Reason*.

ANSWER: Immanuel **Kant** (The first two lines describe Johann Gottlieb Fichte’s *Attempt at a Critique of All Revelation*)

<Philosophy>

10. This author did not complete a historical romance whose title “Moor” was based on the life of his great-grandfather Abram Gannibal. This author, who was exiled for reciting his controversial “Ode to Liberty,” created a protagonist who rejects a woman’s love letter in a namesake “sermon” and is the original model for the archetype of the superfluous man. This author used an iambic tetrameter verse form that alternates between masculine and feminine rhymes for a novel about a man who loves Tatyana and kills Lensky in a duel. For 10 points, name this Russian poet of *Eugene Onegin*.

ANSWER: Alexander **Pushkin** [or Alexander Sergeyevich **Pushkin**]
<European Literature>

11. A man wearing Timberland boots and camouflage stands in for this person in a painting by Kehinde (“keh-HIN-day”) Wiley. A painting of this man inspired a more realistic rendition completed by Paul Delaroche. A man wears a hat with the number 32 in a painting in which this man heals some plague victims by Antoine-Jean Gros (“groh”). Rocks with the names of Charlemagne, Hannibal, and this man appear in the lower left of an idealized portrait in which he sports a billowing red cloak and points towards the St. Bernard Pass while on a rearing horse. For 10 points, name this leader whom Jacques-Louis David painted “crossing the Alps.”

ANSWER: **Napoleon I** [or Napoleon **Bonaparte**; do not accept or prompt on “Napoleon III”]
<Painting/Sculpture>

12. In World War I-era Germany, Jewish doctor Nathan Zuntz’s unsuccessful plan to save food by killing these animals exacerbated both famine and anti-Semitism. In 266 BC, Megara broke an Antigonid siege by releasing a flaming horde of these animals toward the Macedonian war elephants. Via the PEPPADEP program, Haiti killed nearly its entire population of these farm animals, whose back bristles were used to make the first toothbrushes in ancient China. Historically, outhouses were often linked to pits of these farm animals, as they are known for their ability to eat anything. For 10 points, which mammals provided their name to a devastating 2009 H1N1 outbreak?

ANSWER: **pigs** [accept **swine**, **hogs**, **sows**, or **boars**; accept war **pigs**; accept Creole **pigs**] (The lead-in refers to the *Schweinemord*.)
<European History>

13. This mathematician discovered that [read slowly] if a number is 4 more than a multiple of 5, then the number of its partitions is a multiple of 5; that was one of his namesake “congruences.” In 1976, George Andrews rediscovered this man’s “lost notebook,” which contained much of his work on mock theta functions. He legendarily recognized that the number 1729 is the smallest number that can be expressed as the sum of two cubes in two different ways, leading to the term “taxicab numbers.” That story was recounted by G. H. Hardy, who mentored this mathematician despite his lack of formal training. For 10 points, name this Indian mathematician.

ANSWER: Srinivasa **Ramanujan**
<Other Science>

14. This character is “the Shaker God incarnated” according to a man who believes himself to be the archangel Gabriel. This character becomes a prophecy’s first hearse during three chapters titled “The Chase.” This is the main character discussed during a novel’s nine “gams,” or meetings. As a reward for the first person to see this character, a man offers a gold doubloon that he nails to a mast. Before accidentally killing himself, that man tells this character “From Hell’s heart, I stab at thee!” The protagonist uses Queequeg’s coffin as a lifeboat after this character destroys the *Pequod*. For 10 points, name this giant whale pursued by Captain Ahab in a novel by Herman Melville.

ANSWER: **Moby Dick** [prompt on the **whale** or the **white whale** until read]
<American Literature>

15. A cult dedicated to John Frum on the island of Tanna worshipped a straw replica of one of these objects. Eric Bevington photographed one of these objects in a coral reef on Nikumaroro, which was rediscovered by Robert Ballard in 2019. Larry Vance argued that Zaharie Ahmad Shah’s suicide caused one of these objects to disappear. A

series of disasters in Malaysia and Ethiopia involved the anti-stalling system of the Dreamliner model of these objects. For 10 points, a lost Lockheed Model 10-E Electra is an example of what class of vehicles, a missing example of which was flown by Amelia Earhart?

ANSWER: airplanes [or aeroplanes; accept synonyms such as jets, aircraft, or airliners; accept specific models of planes such as passenger planes, clippers, or a seaplane]

<CE/Geo/Other/Pop Culture>

16. Locations such as Gargas and Rouffignac (“roo-feen-YAHK”) are home to a variety of these things often produced using “moonmilk,” and are known as “flutings.” The creation of one of these things at Namibia’s Brandberg Mountain was incorrectly attributed to Mediterranean travellers by Henri Breuil (“broy”), who attributed their production to early beliefs in magic. A group of French boys searching for a lost dog first discovered many of these things at a complex that includes the Hall of the Bulls. Paleolithic individuals produced these things at Lascaux (“lah-SKOH”) by applying ochre, hematite, charcoal, and other pigments to walls. For 10 points, name this type of prehistoric art found in subterranean locations.

ANSWER: cave paintings [accept cave art, cave drawings, painted cave, or other descriptive answers of art located within a cave; accept petroglyphs; prompt on paintings, drawings, or art by asking “located where?”; prompt on wall paintings; prompt on rock paintings]

<European History>

17. John Taplow gifts his schoolmaster Arthur Crocker-Harris this author’s translation of *Agamemnon* in a play by Terence Rattigan. A poem by this author concludes with the couplet “And all night long we have not stirred, / And yet God has not said a word!” In that poem by this author, the narrator muses “I am quite sure she felt no pain” after strangling his lover with her yellow hair. Another poem by this author describes a “gift of a nine-hundred-years-old name” to a woman with a “heart... too soon made glad” whose portrait was painted by Fra Pandolf. For 10 points, name this Victorian poet of “Porphyria’s Lover” and “My Last Duchess.”

ANSWER: Robert Browning [prompt on Browning]

<British Literature>

18. The enzyme TPH1 (“T-P-H-one”) produces this compound in mast cells and leukocytes. The protein encoded by 5-HTT is a transporter for this molecule, which has its release regulated in enterochromaffin cells and raphe (“RAY-fee”) nuclei. Psilocin and lysergic acid diethylamide bind to receptors for this molecule. MAOs convert this molecule to 5-hydroxy-indole-acetic acid. Prozac and Zoloft are medications that increase extracellular levels of this molecule; those antidepressants are selective “reuptake inhibitors” of this molecule. Appetite and sleep are regulated by, for 10 points, what neurotransmitter that affects mood?

ANSWER: serotonin [or 5-HT or 5-hydroxytryptamine]

<Biology>

19. The characteristic finale of a symphony by this composer moves through five other sections before an epilogue inspired by the novel *Tono-Bungay*. The finale of a symphony by this composer is the 30-minute-long movement “The Explorers,” which follows a chorus’s depiction of ocean waves. His second symphony contains quotations of the Westminster Chimes, while his first sets such Walt Whitman poems as “After the Sea-Ship.” This composer based another piece on an earlier composer’s “Why Fum’th (“FYOO-mith”) in Fight.” He wrote *A Sea Symphony*, *A London Symphony*, and *Fantasia on Greensleeves*. For 10 points, name this composer of *Fantasia on a Theme by Thomas Tallis* and *The Lark Ascending*.

ANSWER: Ralph (“rafe”) Vaughan Williams [prompt on Williams]

<Classical Music>

20. In an Egyptian myth, a sailor shipwrecked on an island speaks to one of these animals, which calls itself the Lord of Punt. During the New Kingdom, priests mutilated wax figures of these animals in a popular execration

ritual. One of these animals is depicted in the *uraeus* symbol, which is sacred to the goddess Wadjet. Isis creates one of these animals out of sand wet by Ra's spittle. One of these animals has to be defeated each night for Ra to safely pass through the Duat. That one of these animals represents chaos and is named Apep or Apophis. For 10 points, Cleopatra killed herself with a bite from what venomous animal?

ANSWER: serpents [or snakes or vipers; accept cobras or asps]

<Mythology>

Bonuses

1. In 1968, youth supporters of this movement staged a series of student strikes called its namesake “blowouts.” For 10 points each:

[10] Name this 20th-century social movement that sought to promote cultural and economic empowerment among Mexican Americans.

ANSWER: **Chicano** movement [or **Chicana** movement; or **Chicanx** movement; or **Xicano** movement; or **Xicana** movement; or **Xicanx** movement]

[10] The Chicano blowouts were concentrated in this southern California city. During World War II, Hispanic residents of this city were targeted in the Zoot Suit Riots.

ANSWER: **Los Angeles** [or **LA**]

[10] This Chicana activist worked with César Chavez to cofound the United Farm Workers. She coined the UFW’s slogan, “Sí se puede” (“see say PWEH-day”).

ANSWER: Dolores **Huerta**

<American History>

2. This artist’s *The Bride Stripped Bare by Her Bachelors, Even* is often known as *The Large Glass*. For 10 points each:

[10] Name this artist. This pioneer of Dadaism is best known for his readymades, including *Fountain*, a urinal signed with the name R. Mutt.

ANSWER: Marcel **Duchamp**

[10] Duchamp showed his painting *Nude Descending a Staircase, No. 2* at this 1913 exhibition. This New York exhibition was organized by Walt Kuhn and Arthur B. Davies.

ANSWER: the **Armory** Show [or the **International Exhibition of Modern Art**]

[10] A work whose title asks this woman “Why not sneeze?” is a birdcage filled with marble blocks that look like sugar cubes. This female alter-ego of Marcel Duchamp has a name punning on the French for “Eros, such is life.”

ANSWER: Rose **Sélavy** (“AIR-rose say-lah-VEE”) [or Rose **Sélavy**; accept *Why Not Sneeze, Rose Sélavy?*]

<Painting/Sculpture>

3. After reading a letter from his older brother, this character dies during a swim in the short story “The Ocean Full of Bowling Balls.” For 10 points each:

[10] Name this character who owns a poetry-covered baseball mitt. This character’s siblings include Phoebe, D.B., and Holden.

ANSWER: **Allie** Caulfield [or **Kenneth** Caulfield; prompt on **Caulfield** or Holden **Caulfield**’s younger **brother**]

[10] Allie Caulfield’s brother Holden spends much of this J. D. Salinger novel wandering around New York City after his expulsion from Pencey Prep.

ANSWER: *The **Catcher in the Rye***

[10] Another Caulfield named Curtis is briefly mentioned in *An Introduction* to this other character. In a short story, this husband of Muriel kisses the arch of a young girl’s foot while at the beach.

ANSWER: **Seymour** Glass [prompt on **Glass**] (That story is “A Perfect Day for Bananafish.”)

<American Literature>

4. Answer the following about a certain organ, for 10 points each.

[10] This organ is susceptible to neovascularization, which can lead to edema (“uh-DEE-muh”). Anti-VEGF (“anti-vej-F”) treatments used to treat afflictions of this organ include aflibercept and ranibizumab, and a microkeratome can be used for surgery on this organ.

ANSWER: **eyes**

[10] Neovascularization can cause this disease of the eye. Its most common type is open-angle, and it is caused by increased pressure in the eye.

ANSWER: **glaucoma**

[10] Eyes are extensively studied in this model organism, an insect in the genus *Drosophila*. Thomas Hunt Morgan used its white-eye mutant to study the inheritance of sex-linked traits.

ANSWER: common **fruit fly** [or **vinegar fly**; accept *Drosophila melanogaster*; prompt on *Drosophila*]

<Biology>

5. After surviving the Dark House and the Razor House, these characters hire leaf-cutter ants to recover the flowers they owed as a victory prize. For 10 points each:

[10] Name these two characters. Like their father and uncle, they are summoned to the underworld because the noise of their ball game angered the lords of Xibalba (“shee-BALL-buh”).

ANSWER: Mayan **Hero Twins** [or **Hunahpu** and **Xbalanque** in either order; prompt on **twins**]

[10] The Hero Twins were conceived when their mother’s hand was wet by a calabash that used to be one of these body parts. The Olmecs created colossal sculptures of these body parts.

ANSWER: **heads** [accept **skulls**]

[10] The lords of Xibalba play the ball game using the head of Hunahpu as the ball after he is decapitated in the house of these animals. The god Camazotz takes the form of one of these animals.

ANSWER: **bats**

<Mythology>

6. In April 2019, scientists produced an image of one of these objects at the center of Messier 87 using the technique of Very Long Baseline Interferometry, or VLBI. For 10 points each:

[10] Name these objects whose gravitational fields are so strong that not even light can escape them.

ANSWER: **black holes** [accept supermassive **black holes**]

[10] For a non-rotating black hole, the radius of the event horizon is named for this German physicist.

ANSWER: Karl **Schwarzschild** (“SHWARTZ-shilled”)

[10] Schwarzschild also names a metric that represents a solution to these equations. These equations include a constant term equal to 8 pi times big *G* divided by the speed of light to the fourth power.

ANSWER: **Einstein field equations** [or **EFE**; accept **Einstein’s equations**]

<Other Science>

7. Near this letter’s end, its author mocks the theory of “auto-forgery” by asserting that the only way in which a trio of “handwriting experts” aren’t guilty of fraudulency is if they are ill in both sight and mind. For 10 points each:

[10] Name this letter, whose author spent a year in England to escape libel charges after writing it. This letter, which primarily attributes blame to the “extraordinary imaginations” of Major du Paty de Clam, was first published in the newspaper *L’Aurore* (“lo-ROR”).

ANSWER: “**J’Accuse**”

[10] Émile Zola wrote “J’Accuse” as a protest against the jailing of this Frenchman, whose namesake affair reflected contemporary French antisemitism.

ANSWER: Alfred **Dreyfus** (“dray-FOOSE”) [accept **Dreyfus** Affair]

[10] During his period of incarceration, Dreyfus spent a couple of years on Devil’s Island, which was just off the coast of this French overseas possession in South America.

ANSWER: **French Guiana** [do not accept or prompt on “British Guiana,” “Dutch Guiana,” or “Suriname”; do not accept or prompt on “Guyana”; prompt on *Guyane* (“gwee-YAHN”)]

<European History>

8. Answer the following about literature featuring nonwhite characters, for 10 points each.

[10] A woman named Blue returns to Oakland in Tommy Orange’s novel *There, There*, which is titled for this author’s own description of Oakland. This author of *The Autobiography of Alice B. Toklas* wrote “Rose is a rose is a rose is a rose.”

ANSWER: Gertrude **Stein**

[10] This author wrote a novel whose narrators include the color red, a miniaturist named Black, and the murdered Elegant Effendi.

ANSWER: Orhan **Pamuk** [or Ferit Orhan **Pamuk**] (The novel is *My Name Is Red*.)

[10] Lady Murasaki, whose name means “violet,” may have included herself as a love interest of the title character in this Heian (“HAY-on”)-era novel about a “Shining Prince.”

ANSWER: *The **Tale of Genji*** [or ***Genji monogatari***]

<World/Other Literature>

9. A green horse represents Young Thug on the album cover for this song, which grew out of a banjo sample from the Nine Inch Nails song “Ghosts IV.” For 10 points each:

[10] Name this song, the third remix of which features the “yodeling kid” Mason Ramsey. A lyric about marijuana was deleted from this song before its artist’s first collaboration with Billy Ray Cyrus.

ANSWER: “**Old Town Road**”

[10] The fourth remix of “Old Town Road” features RM, a member of this K-pop group. Fans of this group nominated its members for the Nobel Peace Prize after this group began the Love Myself movement against domestic violence.

ANSWER: **BTS** [or **Bangtan Boys**; or **Bangtan Sonyeondan**] (The remix is also referred to as “Seoul Town Road.”)

[10] An animated music video for the third remix of “Old Town Road” involves its artists riding into this location on September 20, 2019. In the video, music critic Anthony Fantano plays a guard of this location.

ANSWER: **Area 51** [or **Homey Airport**; or **Groom Lake**]

<CE/Geo/Other/Pop Culture>

10. An oboe shifts the theme of this symphony’s sonatina-form second movement into C-sharp minor after taking the theme from the clarinet, which opens in C-sharp major. For 10 points each:

[10] Name this B minor symphony, numbered the eighth by its composer. Brian Newbould hypothesized that the entr’acte (“ON-tract”) from its composer’s incidental music to *Rosamunde* was created from the incomplete sketches of this piece’s closing *scherzo*.

ANSWER: the **Unfinished** Symphony [or **D. 759**; accept, but DO NOT REVEAL, Franz **Schubert**’s **Eighth** Symphony in B minor, or **Schubert**’s **Seventh** Symphony in B minor]

[10] This classical-era composer’s *Unfinished* Symphony is sometimes labeled the first Romantic symphony. This proto-Romantic also wrote the *liederkreis* (“LEE-der-kryce”) *Winterreise* (“VIN-ter-RYE-zuh”).

ANSWER: Franz **Schubert**

[10] This proto-Romantic’s incidental music to Gozzi’s (“GOT-see’s”) *Turandot* (“TUR-in-dot”) is used in Hindemith’s (“HIN-duh-mit’s”) *Symphonic Metamorphosis*. Berlioz shoved this composer’s *Invitation to the Dance* into an opera in which Samiel (“ZOM-eel”) helps create magic bullets.

ANSWER: Carl Maria von **Weber** (“VAY-bur”) (The opera is *Der Freischütz*.)

<Classical Music>

11. Answer the following about cyclic compounds, for 10 points each.

[10] This compound with formula C₃H₆ is formed in the Simmons–Smith reaction. Its conformation is unstable due to the presence of banana bonds.

ANSWER: **cyclopropane**

[10] Cyclopropane is a cyclic example of this class of compounds because it is a saturated hydrocarbon. Methane is the simplest example of these compounds.

ANSWER: **alkane**

[10] This cyclic ether is often used as an industrial solvent for polyvinyl chloride. It is also a popular solvent for hydroboration reactions and for organolithium and Grignard (“green-YARR”) reagents.

ANSWER: **THF** [or **tetrahydrofuran**]

<Chemistry>

12. Mustapha Mond calls this substance “Christianity without tears” when explaining the values of the World State to John the Savage. For 10 points each:

[10] Name this pleasant hallucinogenic drug. The World State uses this drug to control its population in *Brave New World*.

ANSWER: **soma**

[10] *Brave New World* is a novel by this author. This author described his own experience using the psychedelic drug mescaline in *The Doors of Perception*.

ANSWER: Aldous **Huxley**

[10] Slake Moths produce a hallucinogenic drug named for this word followed by “shit” in China Miéville’s (“mee-AY-vul’s”) *Perdido Street Station*. This word is the primary name of the protagonist of Neil Gaiman’s *The Sandman*.

ANSWER: **dream** [accept **dreamshit**]

<British Literature>

13. This man fled to Curaçao (“CUR-uh-sao”) after the collapse of a revolutionary government led by Francisco de Miranda. For 10 points each:

[10] Name this Spanish-American “liberator” who returned from exile to secure the independence of Gran Colombia.

ANSWER: Simón **Bolívar**

[10] Before returning to liberate Gran Colombia, Bolívar outlined his vision of a unified Latin America in this 1815 letter, named for the British colony he was living in.

ANSWER: Letter from **Jamaica** [accept **Jamaica** letter or Carta de **Jamaica**]

[10] In 1819, Bolívar secured Colombian independence after crushing a Spanish army at this battle. Two years later, Bolívar followed up his victory at this battle by liberating his native Venezuela upon winning at Carabobo.

ANSWER: Battle of **Boyacá**

<World History>

14. Gilles Deleuze (“zheel duh-LOOZ”) argued that this philosopher differentiated morality, which makes prohibitive “You must” statements, from ethics, which explains how our actions change our modes of being, in a book on his “Practical Philosophy.” For 10 points each:

[10] Name this philosopher whose magnum opus takes its structure from Euclid’s *Elements* and is thus subtitled *Demonstrated in Geometrical Order*. That book is his *Ethics*.

ANSWER: Baruch **Spinoza**

[10] Spinoza repeated the phrase “God or nature” four times in his *Ethics* because he believed in this doctrine. This belief conflates God with all things in the universe.

ANSWER: **pantheism** [or word forms; or **panentheism**]

[10] This fourth of the five chapters of Spinoza’s *Ethics* begins by defining perfection, imperfection, good, and evil. Its argument that humans are slaves to their emotions is counteracted by the last chapter, which proposes intellect as a means for “Human Freedom.”

ANSWER: “**Of Human Bondage**” [or “**Of the Servitude of Humanity**”; or “**On Human Bondage**”; or “**De Servitute Humana**”]

<Philosophy>

15. The *Apophthegmata* (“APP-uh-theh-MAH-tuh”) *Patrum* is a collection of sayings attributed to this monastic tradition’s adherents, such as Moses the Black, who single-handedly overwhelmed a group of men robbing him and then dragged them to church to repent. For 10 points each:

[10] Name this specific community of early Christian ascetics. These practitioners of hesychasm (“HESS-ih-KAZ-um”), a form of silent, internal prayer, were named for their place of residence in the Wadi El Natrun.

ANSWER: **Desert Fathers**

[10] This Desert Father, the patron saint of skin diseases, successfully withstood numerous temptations during his journey into the desert.

ANSWER: Saint **Anthony** the Great [or **Anthony** the Abbot, **Anthony** of the Desert, **Anthony** the Anchorite, and **Anthony** of Thebes; accept “The Temptation of St. **Anthony**”; accept, but DO NOT REVEAL, **Anthony** of Egypt; prompt on the **Father of All Monks**; do not accept or prompt on “Anthony of Padua” or “Anthony of Lisbon”]

[10] Anthony’s biographer Athanasius served as the bishop of Alexandria in this modern country, which also serves as the headquarters of the Coptic Church.

ANSWER: **Egypt** [or the Arab Republic of **Egypt**]

<Religion>

16. Edward Steichen designed an Art Nouveau-style cover for this magazine. For 10 points each:

[10] Name this photographic journal published from 1903 to 1917 by Alfred Stieglitz, following his stint as editor of *Camera Notes*. This publication was the first to feature Stieglitz’s photo *The Steerage*.

ANSWER: **Camera Work**

[10] Stieglitz sought to raise photography to a fine art as a member of a group named for “Photo” and this word.

Gustav Klimt was a leading member of an artistic movement in Vienna named for this word.

ANSWER: **secession** [accept word forms like **secessionism** or **secessionist**; accept **Photo-Secession**; accept **Vienna Secession**]

[10] Stieglitz also prolifically photographed this woman. This painter’s close-up depictions of flowers have been interpreted as symbolizing female genitalia.

ANSWER: Georgia **O’Keeffe**

<Other Arts>

17. This constant is defined as heat flux divided by the change in temperature, and for compound systems, its “overall” version is symbolized capital *U*. For 10 points each:

[10] Name this coefficient that is multiplied by surface area and temperature difference in a law of cooling. It can be used to describe convective conditions at a solid–fluid interface.

ANSWER: **heat transfer** coefficient [accept **film coefficient**; prompt on *h*]

[10] That law of cooling is named for this English scientist, whose other achievements in physics include formulating a universal law of gravitation and three laws of motion.

ANSWER: Isaac **Newton**

[10] Conductive heat flow is modeled by this law that, for one dimension, states that heat flux through a surface is equal to negative one times conductivity times the derivative of temperature at that surface.

ANSWER: **Fourier**’s law

<Physics>

18. While a circus acrobat named Otto Witte claimed to have briefly attained this position by impersonating the nephew of the Ottoman sultan, no one mentioned in his story exists to corroborate his account. For 10 points each:

[10] Name this position. Its only legitimate holder underwent 55 assassination attempts motivated by blood feuds, including one in which he returned with his own pistol after an attempt on his life at a showing of *Pagliacci*.

ANSWER: **king of Albania** [prompt on **ruler of Albania**; do not accept or prompt on “president of Albania” or “prime minister of Albania”] (The king is Zog I.)

[10] The great king Zog was forced to abdicate after the invasion of Albania by this World War II–era Italian fascist known as Il Duce (“DOO-chay”).

ANSWER: Benito **Mussolini** [or Benito Amilcare Andrea **Mussolini**]

[10] Zog's effective successor was the communist Enver Hoxha ("HO-juh"), who built 170,000 of these structures throughout Albania. Devices known as "busters" of these structures are designed to penetrate into the ground before detonation.

ANSWER: concrete **bunkers** [accept nuclear **bunkers**; accept **bunkerët**; prompt on fortifications or bomb shelters; prompt on pillboxes]

<European History>

19. Constituents of this book's title group include the "Warlords," the "Corporate Rich," and "the Metropolitan 400." For 10 points each:

[10] Name this 1956 book by C. Wright Mills, sometimes considered a counterpart to *White Collar*. It claims that the average citizen is powerless against the title conglomeration of political, military, and business leaders.

ANSWER: *The **Power Elite***

[10] Robert Dahl wrote *Who Governs?* in part as a rebuttal to *The Power Elite*; for it, Dahl studied the polyarchic government of the surrounding town of New Haven while working at this Ivy League university in Connecticut.

ANSWER: **Yale** University

[10] The emphasis on bureaucracy in *The Power Elite* parallels this earlier book, which contrasts a "light cloak" and "shell as hard as steel" to discuss one of many modern socioeconomic consequences of northern European Calvinism.

ANSWER: *The **Protestant Ethic** and the Spirit of Capitalism* [or *Die **protestantische Ethik** und der Geist des Kapitalismus*] (by Max Weber)

<Social Science>

20. Roland Barthes identified five codes of meaning in a novella by this author in his structural analysis *S/Z*. For 10 points each:

[10] Name this author, who described the title character's love for the castrato Zambinella in *Sarrasine*. Raphael de Valentin is given a magic skin that shrinks as it grants his wishes in this author's *The Wild Ass's Skin*.

ANSWER: Honoré de **Balzac**

[10] *Sarrasine* and *The Wild Ass's Skin* are grouped alongside *Eugénie Grandet* ("oo-zhay-NEE gron-DAY") and *Le Père Goriot* ("luh pair gor-YO") in this large collection of novels by Balzac. Its title references an epic by Dante.

ANSWER: *The **Human Comedy*** [or *La **Comédie humaine***]

[10] Barthes discusses a line from *Sarrasine* to begin this essay, which argues that the author's intention should not be given special preference when analyzing a text. This essay concludes by stating that "the birth of the reader must be ransomed" by the title event.

ANSWER: "The **Death of the Author**" [or *Le **morte d'auteur***]

<European Literature>