2025 ACF Regionals
Packet E by Claremont, Maryland B, McGill B
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Tossups

1. In a fairy tale from this country, a dog, a monkey, and a water buffalo play tricks on a laughing one-eyed giant that tries to steal their food. In an epic from this country, a prince saves his two brothers after they failed to capture the Adarna bird, who had turned them to stone by pooping on them. Obtaining three spines or turning one's shirt inside out can counteract the tricks of a human–horse hybrid in this country's folklore. Semen, salt, and stingray spines defend against birdlike creatures in this country like the ekek. Pregnant women in this country are targeted by creatures who want to eat their fetuses like the mandurugo and the manananggal ("ma-nuh-nun-GAHL"). For 10 points, name this country whose myths of vampiric aswangs stem from the Tagalog people.
ANSWER: **Philippines** [or Republic of the **Philippines**; or Republika ng **Pilipinas**] (The fairy tale is "The Three Friends: the Monkey, the Dog, and the Carabao." The epic is the *Ibong Adarna*.)
<Maryland B, Mythology>

2. This concept can be discussed analogously between God and creation, even though the meanings are different, according to a view often traced to Aquinas. Ahmad Sirhindi emphasized the "unity of witness" over a unity of this concept put forward by Ibn Arabi. A thing that has this concept necessarily rather than contingently is derived via infinite regress in Avicenna's Proof of the Truthful. An intellectual history by Arthur Lovejoy is titled for a schema of this concept that ranges from God to minerals. Duns Scotus conceived of a "univocity" of this concept, which medieval philosophers placed on a "great chain." Many Islamic thinkers commented on Aristotle's treatise on "[this concept] qua [this concept]," his *Metaphysics*. For 10 points, name this concept whose nature is studied in ontology.
ANSWER: **being** [or **wujūd**; accept **existence** or word forms; accept great chain of **being**; accept **being** qua being; accept **ens** or analogia **entis**]
<TM, Philosophy>

3. This president's Secretary of War was a secret agent who had fought the Khan of Kuban to rescue his stolen horses and drafted the Chilean constitution at his home. This president combated the Hunter's Lodge during the Patriot War to quash sympathy with Canada. This president's "pretty tapering soft, white lily fingers" were criticized in a speech denouncing the "regal splendor of the President's Palace." This president led an organization that grew out of the Bucktails, was opposed by Thurlow Weed, and split into the Barnburners and Hunkers in Albany. This president was attacked in the "Golden Spoon" oration and called a "used-up man" in a campaign song by William Henry Harrison. For 10 points, name this president who grappled with the Panic of 1837.
ANSWER: Martin **Van Buren** (His Secretary of War was Joel Roberts Poinsett.)
<Maryland B, American History>

4. The 2018 song "Bagdad" was inspired by a work in this language about an imprisoned woman who communicates with a knight by kissing the Psalter at church. A poet in this language who claimed to "love the wind / and chase the hare with the ox" was praised in the book *The Spirit of Romance*. *Razo*s accompanied colorful biographies in this language of poets who were the first to compete in "floral games." A poet who developed the *sirventes* form in this language is seen in a later work carrying his decapitated head like a lantern in the Malebolge ("mal-ih-BOLJ"). The dedication to Ezra Pound in *The Waste Land* as "il miglior fabbro" ("meel-YOR FAH-bro") quotes Dante's praise of a poet in this language who invented the sestina. For 10 points, Arnaut Daniel ("ar-NAWD don-YEL") and other medieval troubadours performed in what Romance language of southern France?
ANSWER: **Occitan** ("OCK-sit-in") [or **Provençal**; or Old **Occitan**; accept langue **d'oc**] (The lead-in refers to the romance *Flamenca*, which inspired Rosalía's album *El Mal Querer*. *The Spirit of Romance* is by Ezra Pound.)
<HG, European Literature>

5. This city's municipal government targeted luxury goods like cars through the Breitner tax. Riots in this city against the Christian Social Party government led to the 1927 burning of its Palace of Justice. This city's government used a points system to allocate space in public housing projects like the Karl-Marx-Hof complex, where the Republican Protection league took refuge during the February Fights. Hans Frank's visit to this city spurred the July Putsch, which was crushed by local police. A period of left-wing politics under the SDAPÖ in this city's "Red" era was ended by Engelbert Dollfuss's fascist regime. People who lived in this city's old town before World War I include Tito, Trotsky, Lenin, and Hitler. For 10 points, name this capital city annexed during the *Anschluss* ("AHN-shloose").
ANSWER: **Vienna** [or **Wien**; accept "Red **Vienna**" or "Rotes **Wien**"]
<EC, European History>

6. A research station studying one of these ecosystems operated by the Smithsonian has conducted a census every 5 years since 1980 on Barro Colorado Island. LAI decreases when adjacent organisms in these ecosystems maintain a gap in a phenomenon called "shyness." Specialist enemies of a type of organism in these ecosystems are thought to facilitate their biodiversity according to the Janzen–Connell hypothesis. Within these ecosystems, processes by saproxylic organisms are the main contributors to nutrient cycling. Bridge-forming lianas in these ecosystems can be infected by the holoparasitic genus *Rafflesia*. Mycorrhizae networks often form under the "floors" of these ecosystems, where decomposers feed on detritus like leaves. For 10 points, name these ecosystems whose canopy is formed by trees.
ANSWER: **forest**s [or rain**forest**s; prompt on trees until read; prompt on forest canopies or forest floors until read by asking "what larger ecosystem is that a zone of?"]
<Claremont, Biology>

7. A bark stand depicts a voluptuous queen of this region holding up the starry sky, naming her as "Mistress of the Diadems." Graffiti at the Temple of Dakka has recently been used to establish that a co-ruler with Natakamani in this region was his mother rather than his wife. Images of deities such as the lion-headed Apedemak appear in a temple in this region at Jebel Barkal. The bronze head of a statue of Augustus was buried beneath a shrine's steps in this region by Candace Amanirenas ("can-DAH-kee uh-man-ee-REE-nuss"), likely as a symbol of resistance to the Romans. Iconography from a later period expanded on the range of costumes used under the 25th Dynasty pharaohs from this region, such as Piye ("PEE-yay") and Taharqa ("ta-HAR-ka"). For 10 points, what ancient region home to Meroë ("meh-ROH-ee") was centered in modern Sudan and southern Egypt?
ANSWER: **Nubia** [accept **Kush** or **Qes** or **Ecōš**; accept **Nobīn** or an-**Nūba**; accept Upper or Middle or Lower **Nubia**; accept **Kushite** Empire; accept **Napata**; accept **Meroë** or **Meroitic** Kingdom until "Meroë" is read; prompt on Sudan until read by asking "what was the ancient name?"; prompt on North Africa or Northeast Africa; prompt on the Nile valley; reject "Kushan Empire"; reject "Nobatia" or "Makuria" or "Alodia"; reject "Egypt"] (The first two sentences refer to Amanitore.)
<McGill B, Other History>

8. This chemist erroneously predicted that a certain cyclization undergoes a two-plus-two mechanism followed by a migratory insertion, which was corrected by E. J. Corey's three-plus-two mechanism in a decade-long feud. A reaction named for this chemist expands on one developed by the Upjohn Company and may use a commercial "AD ("A-D") mix" containing various potassium salts and a quinine ligand. This chemist is the alphabetically latest of the developers of a copper-catalyzed variant of the Huisgen ("HOUSE-gun") cycloaddition, which reacts an azide with an alkyne. This chemist names an alkene dihydroxylation that uses osmium tetroxide, as well as an asymmetric epoxidation. For 10 points, name this American chemist who coined the term "click chemistry" and twice received the Nobel Prize in Chemistry.
ANSWER: Karl Barry **Sharpless** [accept **Sharpless** epoxidation or **Sharpless** dihydroxylation]
<MY, Chemistry>

9. After possibly acquiring this disease, Sophie nearly reveals her affair to her husband Otto in Paula Fox's novel *Desperate Characters*. In another novel, a man with this disease is delayed in firing a gun because it had been set to run through its three empty chambers first. While recalling the death of a man from this disease, his wife "pulls in her horizon like a great fish-net" in a novel's last lines; that man contracted this disease while his wife held onto a cow's tail. In that novel, a man with this disease is given a royal burial in Belle Glade. That man acquires this disease amid a 1928 hurricane near the Everglades and is shot by his wife, Janie Crawford. For 10 points, what disease contracted by Tea Cake in *Their Eyes Were Watching God* also affects the title character of *Old Yeller*?
ANSWER: **rabies** [or being **rabid**; prompt on madness or paranoia; prompt on hydrophobia]
<TM, American Literature>

10. A tree stump in this artwork sits next to two fallen soldiers and points towards a figure in the sky surrounded by an orange halo. In this artwork, a man standing on a pillar adorned with foliage is attacked through a window by a demon. An angel in this artwork holds a bow at the wrong end while playing a viola da gamba in front of a concert of colorful beings. In this artwork, a lamb holds a cross next to John the Baptist and the words "He must increase, but I must decrease." This artwork's interior includes several large wooden sculptures by Nikolaus Hagenauer. This artwork was created for the Monastery of St. Anthony, whose specialty in ergotism care is seen in the sores on the crucified Jesus in its central panel. For 10 points, name this altarpiece by Matthias Grünewald.
ANSWER: ***Isenheim*** *Altarpiece* [or ***Isenheim**er Altar*]
<Claremont, Painting and Sculpture>

11. In a novel from this country, Rengganis enters her classroom naked while shouting about being assaulted by a dog in the school toilet. In another novel from this country, the one-legged artist Jean Marais ("mah-RAY") helps the protagonist avoid an obese hitman nicknamed Fatso. A magical realist novel from this country focusing on a prostitute who returns from the dead is titled *Beauty is a Wound*. A novel from this country about the native boy Minke's love for the mixed-race concubine's daughter Annelies was dictated by its author from prison. This modern-day country is the setting of *This Earth of Mankind* and a novel about the coffee trader Max Havelaar. For 10 points, what country is the birthplace of authors Eka Kurniawan and Pramoedya Ananta Toer ("pra-MOOD-yah ah-nahn-tah TOOR"), whose characters speak Dutch, Malay, and Javanese?
ANSWER: **Indonesia** [or Republic of **Indonesia**; or Republik **Indonesia**; prompt on Dutch East <u>Indies</u>]
<McGill B, World Literature>

12. Julian Schwinger proposed that a mechanism involving these structures is explained by the conversion of virtual photons into real photons. Werner Lauterborn's model of that mechanism involving these structures was improved by the Keller–Miksis model. The high internal temperature of a process involving these structures has been attributed to hotspot or *bremsstrahlung* radiation and was proposed as a nuclear fusion candidate in the fraudulent work of R. P. Taleyarkhan. The Rayleigh–Plesset equation for these structures is derived from spherically symmetric solutions to the Navier–Stokes equations. Light is emitted from these structures' implosions in sonoluminescence. These structures form through cavitation. For 10 points, name these spherical pockets of air that can be formed from thin films made of soap.
ANSWER: **bubble**s [prompt on thin <u>film</u>s until read]
<MY, Physics>

13. Boys joining the sangha in this country go through the shinbyu ceremony, one of the Twelve Auspicious Rites. Alchemy is practiced by mystics in this country known as *weizza*. The Pali Canon was inscribed on over 700 tablets in this modern-day country as a result of the Fifth Buddhist Council, which, along with the Sixth Buddhist Council, was held in this modern-day country. The three marks of existence are the subject of a meditation-focused movement that originated in this country named for its focus on "insight," or *vipassanā*. This country is home to the nationalist Buddhist 969 ("nine-six-nine") movement. Eight strands of the Buddha's hair are allegedly contained in this country's large golden Shwedagon Pagoda. For 10 points, name this country where Buddhist nationalists have persecuted the Muslim Rohingya people.
ANSWER: **Myanmar** [or Republic of the Union of **Myanmar**; or **Burma**; or word forms]
<AK, Religion>

14. An opera by this composer ends with a declaration that "he laughs well who laughs the final laugh," which is then repeated in a fugue. Leonie Rysanek substituted for Maria Callas in the 1959 Met premiere of an opera by this composer, performing as a character who was also one of Shirley Verrett's first soprano roles. The title character of an opera by this composer sings about the meaning of "honor" while drinking at a Windsor inn. In an opera by this composer, a character sings the "Ave Maria" before being strangled to death. Until 2015, performers at the Met wore blackface to play a character in an opera by this composer who stabs himself next to his wife Desdemona. For 10 points, name this Italian composer whose Shakespearan operas include *Macbeth* and *Otello*.
ANSWER: Giuseppe **Verdi** [or Giuseppe Fortunino Francesco **Verdi**]
<MY, Other Fine Arts>

15. *Two answers required*. These two people are the focus of the most recent season of Nat Geo's *Genius*, which draws on Peniel Joseph's book *The Sword and the Shield* and Jeff Stetson's play *The Meeting*. One of these people never actually said that the other has done "a great disservice" according to research by Jonathan Eig for his 2023 biography of one of them. These were the two most recent people to die of the three who are the focus of the unfinished book *Remember This House*. Opposing quotes by these people, and a photo of them together, appear after the destruction of Sal's Pizzeria to end the film *Do the Right Thing*. One year before going on Hajj, one of these people mocked the other's "farce on Washington." For 10 points, the labels of "militant" and "pacifist" are often given to what Civil Rights leaders who were killed in 1965 and 1968?
ANSWER: **Malcolm** X AND Martin Luther **King** Jr. [accept Malcolm **X** or Malcolm **Little** or Malik el-**Shabbaz** in place of "Malcolm"; accept **MLK** Jr. in place of "Martin Luther King Jr."] (*Remember This House* is by James Baldwin and depicts Malcolm X, MLK, and Medgar Evers.)
<TM, Other Academic>

16. A work by this composer is paired with a lecture about "Humor in Music" in an educational album by Leonard Bernstein. Wind trills representing a clock striking 7 a.m. introduce a triple fugue in a piece by this composer built from themes depicting the moods of a mother, father, and child. Herbert von Karajan's recording of a massive, 22-section work by this composer was the first to be pressed on CD. Tubas playing in parallel fifths represent critics of this composer in the "adversaries" movement of an orchestral work that ends with "The Hero's Retirement From This World and Completion." A piece by this composer begins with an ascending "C G C" trumpet fanfare depicting a sunrise. For 10 points, name this German composer of tone poems like *An Alpine Symphony* and *Also Sprach Zarathustra*.
ANSWER: **R**ichard **Strauss** [prompt on Strauss]
<MY, Classical Music>

17. A result about these locations relies on an equation relating the divergence of a congruence and the Raychaudhuri scalar, which is assumed to be non-negative under either the "null energy" or "strong energy" conditions. Supercritical topological defects called cosmic strings may result in the "conical" type of these locations. The Eddington–Finkelstein and Kruskal–Szekeres transformations can remove a "false" one of these locations. These locations are characterized by "incomplete" geodesics according to the Penrose–Hawking theorem. So-called "naked" examples of these locations are not enclosed by an event horizon and are theorized to not exist by the cosmic censorship hypothesis. For 10 points, name these locations in space where gravitational effects are infinite, such as in the center of black holes.
ANSWER: **singularities** [or gravitational **singularities** or spacetime **singularities**; prompt on black holes until read]
<Maryland B, Other Science>

18. This author wrote a film in which a woman says "I didn't think such violent things could happen to ordinary people," before being asked "whatever your dream was, it wasn't a very happy one, was it?" by a man who puts down his crossword. Ben Hecht adapted a play by this author into Ernst Lubitsch's romcom *Design for Living*. A housewife and doctor meet at a train station in this author's play *Still Life*, which inspired David Lean's film *Brief Encounter*. Kay Hammond wore green makeup for a film that abandons this author's signature finale, in which the protagonist tiptoes offstage. In a play by this author, Charles Condomine deals with the jealousies of his second wife Ruth and the ghost of his deceased wife, Elvira. For 10 points, a séance occurs in what author's play *Blithe Spirit*?
ANSWER: Noël **Coward** [or Sir Noël Peirce **Coward**]
<AP, British Literature>

19. Brian Nelson's book *The Silence and the Scorpion* examines a coup attempt against this leader that saw snipers open fire on protestors on an overpass. This leader used the example of Florentino fighting the Devil to encourage people to vote "No" in a recall, while those who voted "Yes" were publicized in the Tascón List. This leader hosted the show *Hello, Mr. President*, during which he often compared an American president to "Mister Danger" from the novel *Doña Barbara*. This leader was supported by the Fifth Republic Movement that evolved out of his MBR-200, which led a failed 1992 coup against Carlos Andrés Pérez. This leader launched socialist programs as part of a "Bolivarian Revolution" that continued past his 2013 death. For 10 points, name this Venezuelan president succeeded by Nicolás Maduro.
ANSWER: Hugo **Chávez** [or Hugo Rafael **Chávez** Frías]
<Claremont, World History>

20. In a speech to a group of social anthropologists, this thinker called atheism a "one-word solution to all the world's current problems"; that speech by this thinker was published as *Waiting For Foucault, Still*. This thinker developed a theory positing that, as a method of conflict resolution, many Indigenous peoples welcomed colonization. This developer of the Stranger King theory clashed with Gananath Obeyesekere over systems of rationality in the context of Captain Cook's death. This anthropologist analyzed the "Domestic Mode of Production" in a 1972 book arguing that Neolithic people only needed to work 15 hours a week. That book by this anthropologist of *Islands of History* noted that hunter-gatherers were the "original affluent society." For 10 points, name this anthropologist who wrote *Stone Age Economics*.
ANSWER: Marshall **Sahlins** [or Marshall David **Sahlins**]
<NS, Social Science>

Bonuses

1. This architect, who often requested meals in which all the foods were pink, designed modernist houses on a former lava field called the "rocky gardens." For 10 points each:
[10h] Name this architect whose Satellite Towers are painted in bright, monochromatic colors. This architect's house and studio is now a UNESCO World Heritage Site in Mexico City.
ANSWER: Luis **Barragán** [or Luis Ramiro **Barragán** Morfín]
[10m] Jill Magid turned Barragán's ashes into a diamond ring to convince this country's furniture company Vitra to publicize his archive. This country's firm Herzog and de Meuron ("duh mur-ON") used 300 thousand LEDs in their design for the Allianz Arena.
ANSWER: **Switzerland** [or **Swiss** Confederation; or **Schweiz**; or **Suisse**; or **Svizzera**; or **Svizra**]
[10e] This artist, who advised Barragán on his design for the Jardines del Pedregal, died before the completion of his Anahuacalli ("ah-nah-wah-KAH-lee") Museum. This muralist lived in his wife's Casa Azul, or "blue house," in Mexico City.
ANSWER: Diego **Rivera** [or Diego María Concepción Juan Nepomuceno Estanislao de la **Rivera** y Barrientos Acosta y Rodríguez]
<AP, Other Fine Arts>

2. In a one-act play, this man greets his friend Dave at a bar in Hell, explaining that Hell is better because Heaven has Bill Kunstler and Purgatory has "Lionel Trilling [and] the New York Review of Books." For 10 points each:
[10m] Name this historical figure. In another play, the ghost of a woman persecuted by this man sings the Yiddish folk song "Tumbalalaika" as he dies, then guides a *kaddish* over his body.
ANSWER: Roy **Cohn** [or Roy Marcus **Cohn**] (The play in the lead-in is *G. David Schine in Hell*.)
[10e] Roy Cohn's final days are fictionalized in this two-part Tony Kushner play, whose subtitle is "A Gay Fantasia on National Themes."
ANSWER: *Angels in America* [or *Angels in America*: *a Gay Fantasia on National Themes*]
[10h] In his introductory monologue, Cohn wishes he were one of these animals. In his final line, Cohn tells the ghost of Ethel Rosenberg he wants to be reincarnated as one of these animals before dying.
ANSWER: **octopus**es [or **octopi**; or **octopodes**]
<Maryland B, American Literature>

3. Alan Turing's final publication concerns some numerical approximations for solving this problem, which he had earlier cited as a "number theoretic theorem" in his Ph.D. thesis. For 10 points each:
[10e] Name this unsolved problem that asserts that the real part of every non-trivial zero of the zeta function is one-half.
ANSWER: **Riemann hypothesis** [or **RH**]
[10m] The Riemann hypothesis is computationally equivalent to a Turing machine with 29 of these things halting. The input of the Busy Beaver function is the number of these things, which are denoted Q in the definition of a DFA.
ANSWER: **state**s [or automaton **state**s]
[10h] The equivalence arises from the DPRM theorem, which asserts that functions with this property can be written as Diophantine equations. Languages with this property are type 0 in Chomsky's hierarchy, opposite regular languages at type 3.
ANSWER: **recursively enumerable** [reject "recursive"]
<MY, Other Science>

4. "Heydar Babaya Salam" is a modern poem in this language, which was the main language used by the Sufi poet Nasimi and the first to be used by lute-playing bards called ashiks. For 10 points each:
[10h] What language's poetry was pioneered by a ruler who named his progeny after *Shahnameh* characters? That ruler used the pen name "Khaṭā'ī" to write the *Dahnama* in a predecessor to this modern Turkic language.
ANSWER: **Azerbaijani** [or **Azeri**; or **Azeri** Turkic or **Azeri** Turkish; accept Northern **Azerbaijani**, Southern **Azerbaijani**, or Iranian **Azerbaijani**; accept **Turki** or **Torki**; reject "Farsi" or "Persian"; reject "Turkish"] ("Heydar Babaya Salam" is by Mohammad Hossein Shahriar. The ruler is Ismā'īl I, the first Safavid shah.)
[10m] This author's parents took him to Azerbaijan to cure his childhood maladies, inspiring him to transcribe the folk tale "Ashik Kerib." Princess Mary appears in a novel by this Russian author of "Death of a Poet."
ANSWER: Mikhail **Lermontov** [or Mikhail Yuryevich **Lermontov**] (The novel is *A Hero of Our Time.*)
[10e] This leader supported the recognition of Nizami as Azerbaijan's national poet. A namesake epigram by Osip Mandelstam criticizes this Soviet leader, who used the pen name Soselo to write Georgian poetry.
ANSWER: Joseph **Stalin** [or Joseph Vissarionovich **Stalin**; or Ioseb Besarionis dze **Jughashvili**; or Iosif Vissarionovich **Dzhugashvili**; accept "**Stalin** Epigram"]
<AP, World Literature>

5. Tanabe–Sugano diagrams plot the quotient of a splitting energy symbolized Dq induced by these compounds and the Racah B parameter. For 10 points each:
[10e] Name these compounds whose binding to metal cations to form coordination complexes is described by crystal field theory. The spectrochemical series sorts these compounds by increasing strength.
ANSWER: **ligand**s
[10m] In crystal field theory, ligand binding causes the five d orbitals to split into two orbitals, one of which is triply degenerate and lower in energy and the other of which is doubly degenerate and higher in energy. Name either.
ANSWER: t-sub-**2g** OR e-sub-**g**
[10h] These diagrams qualitatively describe electronic energies in weak field transition metal complexes. These diagrams describe the symmetries of spin-allowed transitions and can be denoted D, F, or P.
ANSWER: **Orgel** diagrams
<Claremont, Chemistry>

6. A scathing review by Rudolf Louis provoked this composer to reply with "I am sitting in the smallest room of my house. I have your review before me. In a moment it will be behind me!" For 10 points each:
[10h] Name this German composer who borrowed a lilting, dotted theme in A major from an earlier composer for a set of variations and a fugue.
ANSWER: Max **Reger** ("RAY-gur") [or Johann Baptist Joseph Maximilian **Reger**]
[10e] Reger took the theme from his *Variations and Fugue* from this composer's 11th piano sonata, whose third movement is a "Rondo alla Turca."
ANSWER: Wolfgang Amadeus **Mozart**
[10m] A rare example of a triple-sharp appears in the second of Reger's two sonatas for this instrument. Mozart's *Kegelstatt* trio features piano, viola, and this instrument played by Anton Stadler.
ANSWER: **clarinet** [accept basset **clarinet**]
<Claremont, Classical Music>

7. This quantity is predicted to improve after currency depreciation in the Marshall–Lerner condition. For 10 points each:
[10m] Name this quantity often abbreviated as "X minus M." This quantity is added to consumption, investment, and government spending to calculate a country's GDP.
ANSWER: **balance of trade** [or **trade balance**; or **net trade** or **net exports** or **nx**; accept **exports minus imports**; prompt on trade; reject "exports" or "imports"]
[10e] This nationalist economic policy, which was prevalent in 17th-century Europe, tries to maximize exports while minimizing imports.
ANSWER: **mercantilism** [or **mercantilist** policy]
[10h] This curve represents how the balance of trade changes over time following a currency devaluation, making its imports more expensive.
ANSWER: **J** curve
<Claremont, Social Science>

8. A book by George Dickie calls the 1700s the "century of" this concept and discusses Alexander Gerard's "Essay on" it and Archibald Alison's associationism in his "Essays on the Nature and Principle of" it. For 10 points each:
[10h] Name this concept that can have either "variety" or "unanimity" among people, according to an essay titled for this concept from a thinker's *Four Dissertations*, which uses an example about John Ogilby and John Milton.
ANSWER: aesthetic **taste** [accept "Of the Standard of **Taste**"]
[10e] This philosopher acknowledged subjectivity in his essay "Of the Standard of Taste." This Scot wrote *A Treatise of Human Nature* and posed the problem of induction.
ANSWER: David **Hume** [or David **Home**]
[10m] Hume's aesthetics drew on the Earl of Shaftesbury and Francis Hutcheson's theory named for this ethical concept. Adam Smith's book titled for this two-word concept considers the "sympathy" of the "impartial spectator."
ANSWER: **moral sense** [or **moral sentiment**s; or **moral sentiment**alism; accept **moral sense** theory; accept *The Theory of **Moral Sentiment**s*]
<Maryland B, Philosophy>

9. This hero cures the pus-filled sores of the maiden Kahindo, who falls in love with him and tells him how to avoid getting trapped in the underworld. For 10 points each:
[10h] Name this hero of the Nyanga people who chases his evil father into the underworld, where this hero uses his conga scepter to grow a banana forest in a single day and beat up the death god Muisa.
ANSWER: **Mwindo**
[10e] The Ashanti hero Kwase Benefo is assisted by the psychopomp Amokye in travelling on one of these natural features. In Greek mythology, Charon ferries souls across one of these natural features.
ANSWER: **river**s
[10m] In the mythology of these people, the hero Uncama accidentally enters the underworld while chasing a porcupine that ate his millet garden. Unkulunkulu is the chief god of these people, who believe death came from a lizard who outran a chameleon.
ANSWER: **Zulu** [or Ama**zulu**; prompt on Bantu or Nguni]
<MS, Mythology>

10. Answer the following about important places in medieval Paris, for 10 points each.
[10m] Paris's main market for centuries was named Les Halles ("lay ahl") for the halls built by this king, who included it within his new city walls. This king defeated a coalition of Otto IV and King John at a battle in Flanders.
ANSWER: **Philip II** [or **Phillip Augustus**; or **Philippe Auguste**; prompt on Philip]
[10e] People working in this profession were installed by Philip IV along the Grand Pont. Many Jews and Italians worked in this profession in Paris because of Catholic customs around the sin of usury.
ANSWER: **bank**ing [or **money lending** or **money changing**; accept synonyms for **finance** or **banking**]
[10h] An island in the Seine was home to "God's" one of these places. Another of these places was founded by merchants from Amalfi, given a charter by Baldwin I, and led by Blessed Gerard.
ANSWER: **hospital**s [accept **infirmaries**; accept **hôtel**s or **Hôtel**-Dieu; accept **muristan**]
<EC, European History>

11. Ernest Hemingway's novel mocking Sherwood Anderson takes its title from a novel by this author in which Sanin recollects his love for the Italian sweetmaker Gemma Roselli. For 10 points each:
[10m] Name this author of the autobiographical novel *Torrents of Spring*. This author fictionalized his affair with his father's mistress in the novella *First Love*.
ANSWER: Ivan **Turgenev** [or Ivan Sergeyevich **Turgenev**]
[10h] *Torrents of Spring* begins as Sanin comes across one of these objects, prompting his memories of Gemma. In *Crime and Punishment*, Raskolnikov receives one of these objects from Sonya before going to confess his murders.
ANSWER: **cross**es [or **crucifix**es; accept **cross** necklaces; prompt on necklaces or chains]
[10e] Turgenev's affair with the Spanish-French opera singer Pauline Viardot inspired his interest in this character, whom he compared to Hamlet in a famous essay. This chivalry-obsessed knight titles a Miguel de Cervantes novel.
ANSWER: Don **Quixote** [or Don **Quixote** de la Mancha; or Alonso **Quijano**; or **Alonso** Quijano]
<McGill B, European Literature>

12. During one of these events, a president threw money from his pockets to dispel a crowd. For 10 points each:
[10h] Name these events mostly led by women, including the pistol-brandishing Mary Jackson. These events took place after the Greyback became nearly worthless.
ANSWER: Southern **bread riot**s [accept **mob**s, **protest**s, or other equivalents in place of "riots"; prompt on <u>riot</u>s or <u>protest</u>s by asking "what resource is it named for?"]
[10e] The largest bread riots occurred in this city, which also housed the Tredegar Iron Works. Jefferson Davis governed from this city, which was the capital of the Confederate States of America for four years.
ANSWER: **Richmond**, Virginia
[10m] Inflation riots occurred at Chimborazo Hospital, which was evacuated after Robert E. Lee's retreat during this campaign named for a city outside Richmond. During this campaign, Ambrose Burnside led a charge at the Battle of the Crater.
ANSWER: Siege of **Petersburg** [or Richmond-**Petersburg** Campaign]
<Claremont, American History>

13. In a paper about exchange effects in this isotope's body-centered cubic solid phase, J. H. Hetherington added his cat as a coauthor under the pen name F. D. C. Willard. For 10 points each:
[10m] Name this lighter of the two isotopes used in a standard dilution refrigerator. Tritium undergoes beta-minus decay to generate this isotope.
ANSWER: **helium-3** [or **He-3**; prompt on <u>helium</u> or <u>He</u>]
[10e] Because helium-3 atoms are fermions, they do not readily exhibit this low-temperature property in which a substance exhibits zero viscosity.
ANSWER: **superfluid**ity [or word forms]
[10h] With Ginzburg and Leggett, this physicist won the 2003 Nobel Prize for theories on superfluid helium-3. This Russian physicist and Khalatnikov expanded Landau's theory of Fermi liquids to model low-temperature helium-3.
ANSWER: Alexei **Abrikosov**
<MY, Physics>

14. This city's namesake culture established the trading colony of Shortugai on the Oxus River. For 10 points each:
[10m] Name this archaeological site. This city is the type-site and sometimes-namesake of a culture that also originated the "Priest-King" and the Pashupati seal.
ANSWER: **Harappa** [accept **Harappa**n Civilization]
[10h] An "archaeological complex" named for Bactria and this region was home to Gonur Depe ("go-NOOR deh-PEH"), where Harappan seals have been found. A much later mention of this region's name appears in the Behistun Inscription, which records the rebellion of Frāda there.
ANSWER: **Margiana** [or **Marguš** or **Margush** or **Margianĕ** or **Marv**; accept Bactria-**Margiana** Archaeological Complex; accept Frāda of **Margiana**]
[10e] A horse burial at Gonur Depe may predate similar ones from the Urals' Sintashta culture, which made early examples of these objects. Blades could be added to these objects' wheels to make their "scythed" form.
ANSWER: **chariot**s [accept scythed **chariot**s]
<AT, Other History>

15. A book by Brad Leithauser imagines the Funesians, an Andean race with perfect recall of this property even over hundreds of lines of a poem. For 10 points each:
[10e] Name this property of line endings in heroic couplets. Capital letters are used to mark the "end" form of this sound property of verse.
ANSWER: **rhyme** [or word forms like **rhyming**; accept end **rhyme**s; accept ***Rhyme's Rooms***]
[10h] Leithauser's book *Rhyme's Rooms* wryly notes that a Funesian would dispute that this poem is unrhymed, since its first line-ending word, "fruit," rhymes with "pursuit" 170 lines later. This poem's preface calls rhyme an "invention of a barbarous age."
ANSWER: ***Paradise Lost*** (by John Milton)
[10m] Leithauser argues that had Milton died after only completing 100 lines of *Paradise Lost*, scholars could still predict where he would replace its iambs with these feet. In this metrical foot, an accented syllable is followed by an unaccented one.
ANSWER: **trochee** ("TRO-kee") [or **choree**]
<TH, British Literature>

16. Congenital defects of this disorder include joint contractures that cause a clenched fist with overlapping fingers. For 10 points each:
[10h] Name this genetic disorder that causes various malformations including heart defects and rocker-bottom feet, and is the second most common trisomy disorder after Down syndrome.
ANSWER: **Edwards** syndrome [or trisomy **18**]
[10e] Trisomy disorders like Edwards syndrome are scanned for during pregnancy using this technique. Echocardiography is a type of this technique, which uses high-frequency acoustic waves to look at the uterus.
ANSWER: prenatal **ultrasound** [or ultra**sonography**; accept ultra**sonogram**]
[10m] Edwards syndrome may cause a Dandy–Walker malformation, in which a portion of this structure called the vermis is absent. This structure is displaced down through the foramen magnum in a Chiari ("kee-AH-ree") malformation, and receives information via mossy and climbing fibers.
ANSWER: **cerebellum** [accept **cerebellum** vermis or **cerebellar** tonsil; prompt on brain]
<Maryland B, Biology>

17. This leader loaded wood and hay on the backs of camels and lit the stack on fire to scare away enemy war elephants prior to his 1398 sack of Delhi. For 10 points each:
[10e] Name this Central Asian leader who conquered the Golden Horde and founded a namesake empire centered at Samarkand.
ANSWER: **Timur** [or **Tamer**lane; or **Timur** the Lame; accept **Timur**id Empire]
[10h] Swivel guns placed on camels, known as *zamburak*, played an important role in cutting down infantry at this battle. The Koh-i-Noor diamond was plundered in a sack of Delhi following this victory for Nader Shah.
ANSWER: Battle of **Karnal**
[10m] *Zamburak* artillery units were used by Ahmad Shah Durrani during a battle at this location. The Delhi Sultanate collapsed after Ibrahim Lodi died in an earlier battle at this location.
ANSWER: **Panipat** [accept First Battle of **Panipat**; accept Third Battle of **Panipat**]
<AK, World History>

18. Answer the following about depictions of the stages of life in Northern European art, for 10 points each.
[10e] This painter depicted people ranging from a young girl to an old woman in both *Four Stages of Life* and *The Dance of Life*. This artist also painted *The Frieze of Life* and *The Scream*.
ANSWER: Edvard **Munch**
[10h] Stages ranging from childhood to old age are represented abstractly in this artist's series *The Ten Largest*. This Theosophist and member of The Five was inspired by a séance to start the massive series *Paintings for the Temple*.
ANSWER: Hilma af **Klint** [reject "Klimt"]
[10m] Caspar David Friedrich's *The Stages of Life* represents its title subject via five of these objects in the distance. A man in red and an angel in white use one of these objects in a Thomas Cole series allegorizing the stages of life.
ANSWER: **boat**s [or **ship**s] (Thomas Cole's series is *The Voyage of Life*.)
<Maryland B, Painting and Sculpture>

19. The poet Issachar Bates wrote hymns for this group like "Ode to Contentment" and "Rights of Conscience," the latter of which pays tribute to George Washington. For 10 points each:
[10e] Name this group whose "Mother Hymn" commemorates its founder, Mother Ann Lee. The writer of the song "Simple Gifts," Joseph Brackett, belonged to this religious group named for their movement during worship.
ANSWER: **Shaker**s [or **United Society of Believers** in Christ's Second Appearing]
[10h] Isaac Newton Youngs collected Shaker music into *A Short Abridgment of the Rules of Music* while working in a town named after this country. The first Shakers settled in a society named "Mount [this country]."
ANSWER: **Lebanon** [accept Mount **Lebanon**; accept New **Lebanon**]
[10m] Bates contributed to the first collection of Shaker hymns, a set of "praises" named for this amount of time. A belief named for this amount of time holds that Christ will reign over Earth for the namesake amount of years prior to the Last Judgment.
ANSWER: **millennial** [or **thousand** years; accept word forms like **millennial**ism or **millennium**; accept ***Millennial** Praises*; accept pre**millennial**ism or post**millennial**ism; reject "millenarianism"]
<McGill B, Religion>

20. In this state, the Point of St. Antonio lies at the entrance to the Bay of All Saints, which was named for the date in 1501 that Amerigo Vespucci sailed into it. For 10 points each:
[10h] Name this state where Caatinga ("ka-ah-CHEEN-ga") landscapes dominate the Chapada Diamantina National Park. This state's second-largest city is Feira de Santana ("FAY-ra jee sun-TAH-na").
ANSWER: **Bahia** ("ba-EE-uh")
[10m] The Point of St. Antonio is in this city, which is a center of African-influenced culture home to several *mestre*s of capoeira. The historic Pelourinho ("pay-lo-REEN-yoo") neighborhood is in this capital of Bahia.
ANSWER: **Salvador** [or **Salvador** da Bahia]
[10e] Bahia is a state in the eastern part of this country, whose other states include Mato Grosso, Rio Grande do Sul, and Belo Horizonte.
ANSWER: **Brazil** [or **Brasil**; or Federative Republic of **Brazil**; or República Federativa do **Brasil**]
<McGill B, Geography>