2016 "stanford housewrite"
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PACKET 10

TOSSUPS

1. **This politician married into the family of Cleveland railroad tycoon Amasa Stone, and he is the subject of John Taliaferro's recent biography *All the Great Prizes*. A policy implemented by this cabinet member was based on a memorandum authored by William Rockhill. This cabinet member pressured the Sultan of Morocco to accept the outrageous demands of the bandit Raisuli, who had kidnapped a Greek-American playboy named Ion Perdicaris. With John George Nicolay, this man co-wrote a ten-volume biography of (*)** Abraham Lincoln based on his experience as the President's personal secretary. While occupying his best-known post, this politician, who coined the phrase "splendid little war," promoted the Open Door Policy and signed a treaty establishing the Panama Canal Zone with Philippe-Jean Bunau-Varilla. For 10 points, name this predecessor of Elihu Root as Secretary of State under Presidents William McKinley and Theodore Roosevelt.
ANSWER: John Milton **Hay**

2. **Recent research has revealed that, though these cells are differentiated in response to XBP-1 splicing, the process is surprisingly not driven by unfolded protein response in the ER. PRMD1, also known as Blimp-1, is necessary for the differentiation of these cells. Bortemozib is a protease inhibitor that can effectively deplete the "long-lived" versions of these cells, which can cause SLE in mice. Flow cytometry can detect these cells because they express high levels of CD138 on their surface, and these cells notably do not express (*)** CD20. The cancer of these cells is called multiple myeloma. In somatic hypermutation, the differentiation of these cells is driven by their high affinity for a given antigen. These cells are differentiated from their counterparts because they secrete antibodies immediately in response to infection. Those longer-lasting counterparts of these cells secrete antibodies in response to reinfection. For 10 points, identify this type of B cell that isn't a memory cell.
ANSWER: **plasma** cell [prompt on **B cell**]

3. **In this object's first appearance, its cupboard hiding place is revealed by a character referred to as "flock of seagulls." While looking down at this object, a character remarks "it's beautiful" and does not answer his girlfriend's question "what is it?" Evidence for a fan theory about this object includes the fact that its owner has a Band-Aid on the back of his neck. In *Community*, Troy destroys a replica of this object Jeff bought Abed for his birthday. Because it is opened by the combination (*)** 666, many fans believe that this object contains a character's soul. This object, which is an allusion to the film noir *Kiss Me Deadly*, makes its first appearance in a scene where a character is asked "does [this object's owner] look like a bitch?" This object is retrieved from an apartment by two hitmen who discuss topics like foot rubs and the "royale with cheese." For 10 points, name this Marcellus Wallace-owned object that emits a mysterious orange glow when opened, a prop from *Pulp Fiction*.
ANSWER: the brief**case** from Pulp Fiction [or the suit**case** from Pulp Fiction; or Marcellus Wallace's suit**case**]

4. **The silhouetted image of an Abu Ghraib prisoner was used as the cover art of a controversial Jon Pahl book about the relationship between this concept and the** *Origins of American Violence.* **One thinker argued that this concept evolves and gradually grows more differentiated over five stages, beginning with the Primitive stage and ending with the Modern stage. That thinker coined the term for a variety of this concept in a 1967 essay that splits a country's history into three "times of crisis." Arlington National Cemetery, Memorial Day, and (*)** John F. Kennedy's inaugural address are cited as examples of a form of this concept in a Robert Bellah text about its "civil" variety in America. This concept is discussed in a book that argues Australian Aborigines increase their symbolic power through totems. For 10 points, name this concept that Durkheim defined as "a unified system of beliefs and practices relative to sacred things" in a book about elementary forms of this concept's life.
ANSWER: **religion** [or the American civil **religion**; or *The Elementary Forms of **Religious** Experience*; or *Empire of Sacrifice: The **Religious** Origins of American Violence*; accept ***Empire of Sacrifice*** before "this concept"; accept **sacrifice** before "evolves" is read]

5. **This practice is symbolized by long hands in a** *hadith* **that links Zaynab bint Jahsh's love of this practice with the fact that she died before any of the other wives of Muhammad. On the Day of Judgment, objects that have not been used in this practice will turn into venomous snakes with black spots over their eyes, and people who have not observed this practice will have their bodies branded with the fires of hell. The 60th** *ayat* **of the Surah at-Tawbah includes slaves and stranded travelers among the eight categories of people called (*)** *asnaf* who may benefit from this practice, including a special instance of it that takes place immediately prior to Eid al-Fitr. This practice has a name meaning "that which purifies," and it is obligatory for Muslims who fulfill the criteria of *nisab* over the course of a lunar year, as opposed to voluntary acts known as *sadaqah*. For 10 points, name this Pillar of Islam that consists of setting aside 2.5 percent of one's excess wealth for the purposes of charity.
ANSWER: **zakat** [prompt on descriptive answers like "charity" or "giving to the poor"]

6. **In this essay, the author describes being visited by a high school classmate who claims to be a member of the "Dickless Tracys," a group of female private detectives. While driving a Rent-A-Car from Sacramento to San Francisco, the speaker of this essay blasts the radio to avoid remembering the phrase "petals on a wet black bough." This essay's opening paragraph contains statements like "the princess is caged in the consulate" and "the man with the candy will lead the children into the sea." This essay includes a reprint of the author's (*)** psychiatric report from her hospitalization for vertigo. The title essay of a collection that includes "Notes Toward a Dreampolitik" and a set of essays about the "California Republic," this work describes a recording session by The Doors and the author's friendship with Linda Kasabian, a witness testifying against the Manson Family. It opens, "We tell ourselves stories in order to live." For 10 points, name this Joan Didion essay named for a Beatles album.
ANSWER: "The **White Album**"

7. **A poem written in this language is often referred to as the "Star Gauge," and can be read forward, backward, horizontally, vertically, diagonally, or in color-coded grids. A poet who worked in this language wrote "Essay on Literature" in a poetic form that frequently changes rhyme and meter and rhapsodizes on a given theme using as many different words as possible. A major caesura typically precedes the last three syllables of each line in this language's (*)** regulated verse poetry. Eliot Weinberger and Octavio Paz co-wrote a book that compares nineteen translations of a poem in this language. That poem describes reflected sunlight shining on green mosses in the title "Deer Park." A poem in this language begins with the sound of horses neighing and vehicles rumbling as they carry soldiers to the frontier. For 10 points, name this language that was used to write the *Classic of Poetry*, "Song of the Wagons," and "Drinking Alone by Moonlight," the last of which is a poem by Li Bai.
ANSWER: Classical **Chinese** [or Literary **Chinese**; or **wényán wén**; accept **zhōngwén**]

8. **Raising a function named for this mathematician to the twenty-fourth power, then multiplying by two pi to the twelfth power, is equivalent to cubing the g-sub-two invariant of a Weierstrass elliptic function, then subtracting twenty-seven times the g-sub-three invariant. A theorem named for this mathematician states that a prime ideal of a field is ramified in a finite separable extension of that field if and only if it divides the discriminant of the field extension. Multiplying an integer n by the product over all its prime factors p of "one plus one over p" gives this mathematician's namesake (*)** psi function. Every nonzero prime ideal is maximal in this mathematician's namesake type of integrally closed Noetherian domain. He names an operation that partitions a totally ordered set into a closed upwards set and a closed downwards set that has no greatest element. For 10 points, the rational numbers can be used to construct the real numbers via what mathematician's namesake "cuts"?
ANSWER: Julius Wilhelm Richard **Dedekind**

9. **This system's Coriolis reduction problem is addressed perturbatively by the use of a cranking Hamiltonian. The dependence of this system's single-particle energy spectrum on its quadrupole deformation parameter is plotted on a Nilsson diagram. An yrast (EER-ast) state of this system is has the minimum energy for a given angular momentum. Collective motion in this system is described by the Bohr-Mottelson model. A correction term that is either positive, negative, or zero depending on whether its two inputs are both even, both odd, or of opposite (*)** parity accounts for the pairing interaction among this system's components in an equation that also incorporates volume, surface, asymmetry and Coulomb terms. That semi-empirical mass formula for this system is based on the liquid drop model. For 10 points, name this system that is most stable for "magic numbers" of protons and neutrons.
ANSWER: the **nucleus** [or atomic **nuclei**]

10. **A woman from this empire wrote the historical narrative *Wakar Gewaye* and employed a group of traveling teachers called *jajis* in order to create a network of female scholars whose name meant "the sisterhood." This empire signed a treaty with the explorer Parfait-Louis Monteil, who was sent by the French government to find out whether this empire controlled the state of Argungu. This empire used the *kofa* system for regional administration and owed much of its initial expansion to warlords that were called "flag-bearers." The royal family of this empire belonged to the Qadiri order of (*)** Sufism and included the princess Nana Asma'u as well as the author of *The Wages of the Fortunate*, Muhammed Bello. This empire's founder fought the Battle of Tsuntua against his former protégé Yunfa of Gobir in a *jihad* that ended with the conquest of Kanem-Bornu and the Hausa states. For 10 points, name this African caliphate founded by Usman dan Fodio and ruled by the Fulani people.
ANSWER: **Sokoto** Caliphate [accept **Fulani** Empire before mention]

11. **In one play, the stuttering Bahys and slow-speaking Macroton are among a group of five moronic members of this profession who argue over who has the fastest mule. Another member of this profession greets his future in-laws with very elaborate speeches and repeatedly seeks advice and approval from his father. In a different play, a character is forced to admit that he is a member of this profession after being beaten in the woods by a pair of servants sent by the wealthy Geronte. A man in this profession is promised the hand of (*)** Angelique by her father, even though she would rather marry Cleante. Despite actually being a woodcutter, Sganarelle is forced to pretend to be a member of this profession in a play whose title suggests that he is one of them "in spite of himself." This is the profession of Thomas Diafoirus and his father in another play. For 10 points, name this occupation that Argan desires his son-in-law to have in Moliere's *The Imaginary Invalid* because of his fear of diseases.
ANSWER: **doctor**s [accept equivalents, such as **physician**s]

12. **In a work by Edmund Blair Leighton, a man about to join this profession wears a red shirt emblazoned with the symbol of a crescent moon over a black eagle. Another of these people lies on a rock beside a stormy sea in a painting that shows a bird with a human head, the letters "E S" in the night sky, and a sphinx on the right. That self-portrait by Oskar Kokoschka is thought to have been painted to mourn an unborn child. In a work by John Singleton Copley, a member of this profession steps toward Hope, who wears a blue dress and holds an anchor in her hand, and (*)** Faith, a glowing woman in a white dress who holds a chalice with a serpent inside. Another one of these people appears in front of a ghoulish hourglass-carrying figure wearing a crown entwined with snakes in a famous engraving. That work shows a member of this profession riding a horse in front of a goat-headed demon. For 10 points, name this soldierly profession that Albrecht Dürer juxtaposed with Death and the Devil.
ANSWER: **knight**s

13. **In a section of this novel that is structured as a dictionary, a certain woman is defined alternatively as either "tedious, importunate," or "brave, passionate." While insisting that it is all "pure story," the narrator of this novel reflects on how his wife Ellen cheated on him because she did not love him. The narrator of this work criticizes Enid Starkie's dismissal of how a literary character's eyes change from brown to deep black to blue. In this work, the Edmund Gosse scholar Ed Winterton tells the narrator that he burned a set of lost letters written by the title person to Juliet (*)** Herbert, a possible lover. A chapter in this novel is told from the perspective of Louise Colet, and it opens in Rouen with the image of North Africans playing *boules* under a statue of the title author. This novel follows a search for the animal that inspired the figure of Félicité's pet Loulou in "A Simple Heart." For 10 points, name this Julian Barnes novel about Geoffrey Braithwaite, a scholar of the author of *Madame Bovary*.
ANSWER: ___*Flaubert's Parrot*___

14. **This thinker rejected Maurice Prou's contention that gold accumulated into kings' treasuries in the fifth and sixth centuries, instead arguing that commerce was providing the massive and constant supply of gold in the West. This historian identified the Norman invasions as the end of a period of economic prosperity in Great Britain that the island shared only with the Venetians. As a German prisoner during World War I, he wrote** *History of Europe***, focusing on economic and social changes until the mid-1500s. This historian presented the rise of the middle class as a primary driver of urbanization in (*)** *Medieval Cities*, in which he also argued that disruption of trade in the Mediterranean led to the Dark Ages. This medievalist's most famous argument states that the rise of Islam, and not German barbaric invasions, produced Western Europe's break with antiquity. For 10 points, name this Belgian historian whose book *Mohammed and Charlemagne* sets forth his eponymous thesis.
ANSWER: Henri **Pirenne**

15. **This thinker concluded that the laws of nature being deterministic does not tell us whether or not determinism is true in a work that used the example of a Geiger counter linked to a bomb to disassociate cause from necessity. This thinker argued against using the principle of double effect to justify the bombing of Hiroshima in "War and Murder." This thinker, who is not Searle, used an interaction with a grocer to introduce the notion of (*)** brute facts. This thinker analyzed the discrepancies between what a man buys and what is on his shopping list in a work that John Searle called one of the best explanations of "direction of fit." Donald Davidson introduced a "pure" version of a concept that this thinker distinguished from prediction in a namesake essay. Jettisoning moral obligation from moral duty is one of three theses this thinker laid out in an article that coined the term "consequentialism." For 10 points, name this student of Wittgenstein who wrote *Intention* and "Modern Moral Philosophy."
ANSWER: Gertrude Elizabeth Margaret **Anscombe** [or G.E.M. **Anscombe**]

16. **In this work, during the** *poco più tranquillo* **section of the final movement, a solo flute plays a melody in which a half-note C rises to a half-note F, followed by two sets of quarter note triplets; that melody is reprised in the andante maestoso ending of this work. Wilhelm Backhaus made a recording of a six-minute long abridged version of this piece, which was the first time a piece in its genre had ever been recorded. Franz Liszt suggested that the second theme of this work's first movement be played by the trumpets rather than the cellos, and the beginning of its third movement uses a theme in two-four time inspired by rhythms from the (*)** Halling dance. This work's opening is similar to that of a work in the same genre and key by Robert Schumann. This concerto opens with a timpani roll followed by a descending sequence of minor seconds and thirds played by the soloist. For 10 points, name this only concerto ever written by the composer of the *Peer Gynt* Suite.
ANSWER: Edvard Hagerup **Grieg**'s **Piano Concerto** in **A minor**, Op. 16 [either **Grieg** or **A minor** must be given along with **piano concerto**]

17. The expression for the free energy density of these materials includes a term that is typically calculated using the Rapini-Papoular approximation. Imura-Okano theory describes these materials' anomalous dispersion of ultrasonic waves. Kapustin-Williams domains appear in these materials when an applied voltage induces the Carr-Helfrich instability. The Leslie coefficients and Frank parameters respectively characterize the viscosity and elasticity of these materials, whose (*) order parameter is given by the average of the second-order Legendre polynomial of the cosine of the angle between the molecular axis and the local director. Distortions of the structure of these materials occur via bends, splays, and twists, the latter of which can be controlled using an electric field in order to change their opacity. For 10 points, name this class of materials whose thermotropic variety exhibits smectic and nematic phases, the latter of which is widely used in electronic displays.
ANSWER: **liquid crystal**s [accept specific types]

18. A massacre in this city is the subject of Adam Kelly's play *The Anorak*, which is a dramatic monologue from the perspective of deranged anti-feminist Marc Lépine, who murdered fourteen women at a university in this city. The mishandled investigation by another university in this city into the alleged racism of Professor Perry Anderson led students to occupy that university's computer lab. This city was the site of the 1969 Sir George Williams Affair, as well as a 1955 St. Patrick's Day riot caused by Clarence Campbell's season-long suspension of hockey player Maurice (*) Richard. A complex resembling a mass of interlocking concrete cubes was designed by Moshe Safdie for an event in this city organized by Pierre Dupuy that took place under its longtime mayor, Jean Drapeau. The kidnapping of James Cross and Pierre Laporte took place in this city, thus beginning the October Crisis. For 10 points, name this Canadian city where de Gaulle shouted "Vive le Québec libre!" during Expo 67.
ANSWER: **Montreal** [prompt on **Saint-Lambert** after "Pierre Laporte"]

19. In an essay about this object, William Roger Paton identifies it with a depiction on the Kypselos Chest, where it appears with a centaur and golden-winged horses. While laying claim to this object, a warrior states, "Even a fool may be wise after the event." Euphorbus died while attempting to retrieve this object, a second version of which is carried from Mt. Olympus by a falcon-like goddess at the end of Book 18 of the *Iliad*. That version of this object was created alongside a *separate* object wrought with images of a vineyard, a herd of cattle, and two (*) cities, one at peace and one at war. Athena clouded the sight of a man who was furious at not being awarded this object, after which he slaughtered a flock of sheep that he mistook to be Odysseus and Agamemnon. Ajax threw himself on a sword in shame after quarreling over this object, whose original version was stripped from the body of Patroclus by Hector. For 10 points, name this protective set of shiny gear owned by a nearly invincible Greek hero.
ANSWER: **armor** of **Achilles** [accept **armor** of **Peleus** or **arms** of **Achilles**; do not accept "shield of Achilles"]

20. One fight scene in this film is intercut with brief slow-motion shots of a body falling off a roof and a horse crashing through a shop window. During that fight scene, a character in this film orders his hostages to sing "Shall We Gather at the River" at gunpoint. This film begins with a group of horsemen riding past some children, who torture a scorpion by covering it in ants. The title characters of this film are disappointed to find out that the "silver coins" they stole are actually steel washers. At its end, a character played by (*) Robert Ryan discovers a village covered in vultures. In its climactic gunfight, the title characters are killed by a machine gun they had earlier stolen from an Army munitions train. Ernest Borgnine and William Holden play two members of the title group, who agree to steal weapons for the Mexican Army after their attempt to rob a bank fails. For 10 points each, name this 1969 Western about a gang of aging outlaws, which was directed by Sam Peckinpah.
ANSWER: The *Wild Bunch*

BONUSES

1. The significant difference between the observed and theoretical values of this quantity for the muon is one of the primary failings of the Standard Model. For 10 points each:
    [10] Name this quantity that equals the g-factor minus two, divided by two.
    ANSWER: **anomalous magnetic** dipole **moment** [do not accept "magnetic moment"]
    [10] This scientist's calculation of the first-order anomalous magnetic moment of the electron is inscribed on his tombstone. With Dyson, he names the equivalent of the Euler-Lagrange equations in quantum field theory, and with Lippmann, he names an equation that gives the wavefunctions of the in and out states for a scattering process.
    ANSWER: Julian **Schwinger**
    [10] Along with Feynman and Tomonaga, Schwinger won the Nobel Prize in Physics for renormalizing this theory.
    ANSWER: **QED** [or **quantum electrodynamics**]

2. Originally published in four parts, including "The Victories of Love," this poem presents the marriage between the rejected suitor Frederick and his eventual wife Jane in an epistolary format. For 10 points each:
    [10] Name this narrative poem by Coventry Patmore in which Felix Vaughan courts and marries Honoria Churchill, who represents the Victorian feminine ideal of women who remain and champion their separate spheres of life.
    ANSWER: The ***Angel in the House***
    [10] This friend and contemporary of Patmore wrote that "after many a summer dies the swan" in a poem that opens, "The woods decay, the woods decay and fall." This author of "Tithonous" also wrote *In Memoriam, A.H.H.*
    ANSWER: Alfred, Lord **Tennyson**
    [10] A section of *In Memoriam* repeatedly asks the "wild bells" to perform this two-word action "to the wild sky," and to apply it to "the old," "the false," and "the grief that saps the mind."
    ANSWER: **ring out** [do not accept or prompt on "ring in"]

3. This work opens with both violin sections divided and muted, playing slurred eighth notes that form a D minor chord, after which the soloist enters on a G. For 10 points each:
    [10] Name this concerto. Donald Tovey called its third movement a "polonaise for polar bears."
    ANSWER: Jean **Sibelius**'s **Violin** Concerto in D minor, Op. 47
    [10] Sibelius was from this country, which is also the home of Kaija Saariaho and Einojuhani Rautavaara.
    ANSWER: Republic of **Finland** [or **Suomi**]
    [10] This other Finnish musician's violin concerto was written for Leila Josefowicz and commissioned by the Los Angeles Philharmonic Association. Its four movements are *Mirage*, *Pulse I*, *Pulse II*, and *Adieu*.
    ANSWER: Esa-Pekka **Salonen**

4. The second generation versions of these catalysts include an N-heterocyclic carbene ligand and are more air- and water-stable than their first generation counterparts. For 10 points each:
    [10] Name these ruthenium-based carbene catalysts developed by an eponymous Nobel laureate in Chemistry.
    ANSWER: **Grubbs' catalyst**s
    [10] Grubbs' catalyst can be used to facilitate the ring-opening metathesis version of this type of reaction. This type of reaction typically proceeds through initiation, propagation, and termination steps.
    ANSWER: **polymerization**
    [10] Grubbs' catalyst contains a middle transition metal center in a low oxidation state, in contrast with this class of carbenes that use high-valent early transition metal centers. An example of this class of carbenes is the active form of Tebbe's reagent.
    ANSWER: **Schrock** carbenes

5. The pre-revolution population of this city was higher than that of Damascus, with which it also contests the title of oldest continuously inhabited city in the world. For 10 points each:
    [10] Name this city, the capital of a namesake province where an offensive by the Syrian Army in February 2016 cut the main supply route from Turkey to the rebels who have held about half of this city since 2012.
    ANSWER: **Aleppo** [accept **Halab** or **Heleb**]
    [10] Aleppo's Shi'a-majority suburbs of Nubl and az-Zahra are adjacent to the canton of Efrîn, one of three de facto autonomous regions controlled by this Kurdish military unit, the main component of the Syrian Democratic Forces. It currently operates under American air cover east of the Euphrates and Russian air cover west of the Euphrates.
    ANSWER: **YPG** [accept **People's Protection Units** or **Yekîneyên Parastina Gel**]
    [10] Personnel from this U.S. military unified combatant command reportedly took control of Rmelan airbase in YPG-controlled territory near Qamişlo before a February 2016 visit by anti-ISIS coalition envoy Brett McGurk. Its Army branch includes the Green Berets, while its Navy branch includes the Seals.
    ANSWER: **special operations** command [accept **special forces**]

6. This contagious disease repeatedly broke out in England from 1485 to 1551, killing people like Elizabeth Wyckes, the wife of Thomas Cromwell, and probably Arthur, Prince of Wales. For 10 points each:
    [10] Name this disease that plagued Tudor England, named for the fact that one of its most notable symptoms was a massive amount of perspiration.
    ANSWER: English **sweating sickness** [accept **English sweat**; prompt on "sweat"]
    [10] The River Thames froze many times during the Tudor period, including in 1564, when this woman walked out onto the ice to watch some citizens shoot at marks. She was known as the "Virgin Queen."
    ANSWER: **Elizabeth I** of England [accept **Elizabeth Tudor** or **Good Queen Bess**]
    [10] Beginning in the early 1600s, the frozen Thames allowed for these community events to take place on the ice. They involved the setting up of shops, skating rinks, and even bowling matches.
    ANSWER: **frost fair**s [prompt on partial answers]

7. This poet described a time when "we were England's still colonials, possessing what we still were unpossessed by," in a poem that opens, "The land was ours before we were the land's." For 10 points each:
    [10] Name this American poet who recited that poem "The Gift Outright" from memory at Kennedy's inauguration. He also imagined two different ways in which the world could end in "Fire and Ice."
    ANSWER: Robert **Frost**
    [10] In Frost's "Directive," the speaker states that he stole one of these objects "from the children's playhouse" and keeps it "in the instep arch of an old cedar." This object is used to "drink and be whole again beyond confusion."
    ANSWER: a broken drinking **goblet** like the Grail [accept Holy **Grail**]
    [10] The title of Robert Frost's "Out, Out—" comes from a soliloquy from *Macbeth* in which Macbeth asks this object to go out. This two-word phrase is followed by the line, "Life's but a walking shadow."
    ANSWER: **brief candle** [prompt on "candle"]

8. The protagonist of this short story is a coffin maker in a town where not enough people die to make his business viable. For 10 points each:
    [10] Name this short story in which Yakov Ivanov joins Moses Shakess' klezmer band to support his wife, Martha. After Martha dies, Yakov comes to regret his anti-Semitism before dying himself.
    ANSWER: "**Rothschild's Fiddle**" [or "**Rothschild's Violin**"]
    [10] In this other short story by the author of "Rothschild's Fiddle," Dmitri Gurov starts an affair with the title woman after meeting her on the Yalta seafront.
    ANSWER: "The **Lady with the Dog**" [or "The **Lady with the Little Dog**"; or "The **Lady with the Lapdog**"; or "The **Lady with the Toy Dog**"; or "The **Lady with the Pet Dog**"]
    [10] This Russian author of "Rothschild's Violin" and "The Lady with the Dog" also wrote plays like *The Cherry Orchard*.
    ANSWER: Anton **Chekhov** [or Anton Pavlovich **Chekhov**]

9. In a book about the decline of these entities, Robert Moses' "rationalist" approach to these entities is critiqued. For 10 points each:
    [10] Name these entities, which Jane Jacobs wrote about in a book about the "Death and Life of Great American" versions of these entities.
    ANSWER: **cities**
    [10] In this essay, Georg Simmel wrote that modern big cities can hamper individuals' intellects, which are needed to overcome the "blasé" of urban life.
    ANSWER: "The **Metropolis and Mental Life**"
    [10] This other thinker pioneered the idea of the "right to the city" and argued for the importance of understanding the production of the social space in works like *The Survival of Capitalism* and *The Production of Space*.
    ANSWER: Henri **Lefebvre**

10. This event was interrupted by a white hart running through the hall, followed by a white brachet hound, after which a woman claiming to own the hound was seized and taken away by a knight. For 10 points each:
    [10] Name this event whose interruptions allowed Tor and Pellinore to embark on the first quest of the Round Table. Earlier, King Leodegrance had presented the Round Table as a gift in honor of this event.
    ANSWER: **wedding** feast of **Arthur** and Guinevere [accept equivalents]
    [10] This knight was assigned to retrieve the white hart, but ended up accidentally beheading the wife of Ablamar of the Marsh as the latter was begging for mercy. This nephew of Arthur also beheaded the Green Knight.
    ANSWER: Sir **Gawain**
    [10] This younger brother of Gawain served as his squire during the aforementioned quest. This third son of Lot and Morgause was later killed by Lancelot during his rescue of Guinevere from her execution.
    ANSWER: Sir **Gaheris**

11. This concept is distinct from a similar concept because it is concerned with an authentic, human sense of being, rather than a factual sense of being. For 10 points each:
    [10] Name this concept that is realized when one takes a "leap of faith" towards transcendence and copes with his or her freedom and ability to make decisions.
    ANSWER: *existenz*
    [10] The concept of *existenz* was developed by this German philosopher who authored *The Origin and Goal of History* and coined the term "axial age."
    ANSWER: Karl **Jaspers**
    [10] Jaspers made note to distinguish his concept of *existenz* from this other philosopher's concept of *dasein*. This philosopher wrote *Being and Time*.
    ANSWER: Martin **Heidegger**

12. Symptoms of this condition include an extreme sensitivity to sunlight, short stature, and an appearance of premature aging or progeria. For 10 points each:
    [10] Name this autosomal recessive disease caused by mutations in the *ERCC6* and *ERCC8* genes. Type II of this condition is congenital and usually causes death by age seven, while type I usually shows onset a year after birth.
    ANSWER: **Cockayne syndrome**
    [10] *ERCC6* and *ERCC8* both code for proteins involved in this general genetic process, which can fix DNA damaged by ultraviolet radiation. In this process, faulty patches of genetic material are cut away and replaced.
    ANSWER: **excision repair** [accept nucleotide **excision repair** and base **excision repair**; prompt on **DNA mismatch repair**, which is a type of excision repair]
    [10] Nucleotide excision repair is particularly good at removing and replacing dimers of this nucleobase, which often form under exposure to UV radiation. This is the only base not found in RNA.
    ANSWER: **thymine**

13. In the first panel of a series by this painter, a harbor is visible through a forest, in the middle of which a dog bites the thigh of a naked woman who is fleeing from a knight who is riding her down. For 10 points each:
[10] Name this painter of *The Story of Nastagio degli Onesti* who depicted a halberd-wielding goddess grabbing the hair of a mythical beast in his *Pallas and the Centaur*. He also painted the *Madonna of the Pomegranate*.
ANSWER: Sandro **Botticelli**
[10] *Pallas and the Centaur* is often considered a companion painting to this other work by Botticelli that is set in an orange. It shows Venus at the center, in between the Graces and Flora, who scatters flowers from her dress.
ANSWER: ***Primavera***
[10] This painting by Botticelli, based on a description of a lost work by a Greek painter, shows two women pulling on the donkey ears of an enthroned Midas at the right, while the torch-wielding Slander drags a man by the hair.
ANSWER: The ***Calumny of Apelles***

14. This book of photographs was assembled after the director of the Amon Carter Museum encouraged the artist to take more images like his one of a ranch foreman from Montana. For 10 points each:
[10] Name this book of portrait photographs whose cover features a girl in overalls. Its best-known images include a photograph of a hairless man covered in bees, and one of a blond boy holding a gutted snake.
ANSWER: ***In the American West***
[10] *In the American West* was created by this American fashion and portrait photographer. This man also took some images of the model Dovima with elephants, and of Nastassja Kinski with a python coiled around her body.
ANSWER: Richard **Avedon**
[10] Avedon provided both inspiration and actual photos for *Funny Face*, which starred this actress. Avedon created over-exposed images that contrast odd black shapes with the face of this actress, who played Holly Golightly.
ANSWER: **A**udrey **Hepburn** [accept Audrey Kathleen **Ruston**]

15. This man's catchphrase was "some things can be done as well as others." For 10 points each:
[10] Name this 19th century American celebrity who jumped off waterfalls. Nicknamed the "Yankee Leaper," he died trying to jump off the Genesee Falls in Rochester, New York.
ANSWER: Sam **Patch**
[10] Before he started jumping off waterfalls, Sam Patch worked in a mill devoted to this industry. This industry depended on Southern cotton.
ANSWER: **textile** industry [or **cloth**ing]
[10] Patch worked in this man's Pawtucket, Rhode Island mill. This "Father of the American Industrial Revolution" was the first to implement the mill technology of his native Britain in the United States.
ANSWER: Samuel **Slater**

16. Answer some questions about determining the dates of events from ancient Chinese history, for 10 points each.
[10] Using carbon-14 dating, archaeologists have localized the date of this battle to between 1050 and 1020 BCE, with 1046 BCE being the most commonly quoted. King Wu of Zhou defeated King Zhou of Shang at this battle.
ANSWER: Battle of **Muye**
[10] The beginning of this period is the earliest date that Sima Qian claims he was able to verify while compiling the *Shiji*. This period lasted from 841 to 828 BCE in between the reigns of King Li of Zhou and King Xuan of Zhou.
ANSWER: **Gonghe** Regency
[10] Historians define this period's end date as anywhere from 481 to 403 BCE, depending on when they consider the Partition of Jin to have taken place. This period is the subject of some namesake Annals attributed to Confucius.
ANSWER: **Spring and Autumn** Period

17. These systems exhibit western intensification due to the Coriolis effect. For 10 points each:
[10] Name these large-scale systems of rotating ocean currents. The North Pacific one contains a high concentration of man-made debris.
ANSWER: **gyre**s
[10] This ocean current is the westernmost component of the North Pacific gyre. It carries warm water north from the Philippines to the eastern coast of Japan.
ANSWER: **Kuroshio** Current
[10] Most of the Great Pacific Garbage Patch is made up of these materials, which consist of an organic polymer backbone with various additives. These materials have a negative effect on the environment because they take so long to degrade.
ANSWER: **plastic**s

18. While practitioners of this action perform it to demonstrate how God keeps them from harm, that did not stop the founder of this practice in the United States from dying while performing it in 1955. For 10 points each:
[10] Name this practice, popularized by George Went Hensley and engaged in by some members of the Church of God with Signs Following, along with drinking poison.
ANSWER: **snake handling** [accept clear-knowledge equivalents]
[10] Practitioners of snake handling point for support to a passage in this text, which states that believers "shall take up serpents; and if they drink any deadly thing, it shall not hurt them." Along with Q, it is one of the texts referred to in the name of the two-source hypothesis.
ANSWER: the Gospel according to **Mark**
[10] Churches that practice snake handling are a part of this larger movement in Protestantism, which emphasizes spiritual gifts such as speaking in tongues and faith healing.
ANSWER: **Pentecostal**ism

19. Conspiracy theorists have accused this organization of masterminding the death of "God's Banker," Roberto Calvi. For 10 points each:
[10] Name this secretive crypto-fascist masonic lodge that operated in Italy until 1981, when police found its charter and membership list while searching its leader's mansion.
ANSWER: **Propaganda Due** [or **P2**]
[10] This Prime Minister of Italy was a member of Propaganda Due. A media mogul before entering politics, he invited many prostitutes to his "bunga-bunga" parties.
ANSWER: Silvio **Berlusconi**
[10] This recently deceased Italian, nicknamed "the Puppet Master," was Propaganda Due's "Venerable Leader." After buddying up with Juan Peron and spreading P2 to Argentina, he was arrested for allegedly ordering Roberto Calvi's murder.
ANSWER: Licio **Gelli**

20. After the protagonist of this novel writes the name of her favorite literary character on the beach, some soldiers come and raze her village, thinking that the character's name was a rebel codeword. For 10 points each:
[10] Name this 2006 Man Booker finalist about Matilda's upbringing on Bougainville Island during a civil war. It was written by Lloyd Jones.
ANSWER: *Mister Pip*
[10] *Mister Pip* is named for the protagonist of this Charles Dickens novel, Matilda's favorite book.
ANSWER: *Great Expectations*
[10] This author adapted *Great Expectation*s from Abel Magwitch's perspective in the novel *Jack Maggs*. Herbert Badgery, a confidence man who claims to be 139 years old, narrates his novel *Illywhacker*.
ANSWER: Peter **Carey**