**2010 ACF National Championship**

**Editor’s Round (Playoffs #2)**

1. This work defines three levels of “creativity” and cites the example of a man who knows he hates oysters but has never tried them in a section that addresses balancing the need to know with the fear of knowing. Another section describes the dangers of “B-cognition” which can make actions impossible. This work’s discussion of “peak experiences” offers an alternate take on one of its author’s key ideas and it sets out a checklist of the characteristics that define healthy humans including “more openness to experience” and “the ability to love.” This work, which also features a chapter on the value of existentialism, ends with an appendix that asks, “Is a normative social psychology possible?” and is an elaboration of ideas its author previously presented in *Motivation and Personality.* For 10 points, identify this work that outlines how human beings can become self-actualized, a work by Abraham Maslow.

ANSWER: ***Toward a Psychology of Being***

2. Each of them is associated with a symbol known as a *veve* and their appearance causes a namesake "crisis," which is marked by a state of utter exhaustion when these entities enter a *govi* and are said to "mount a horse." These entities include Dinclinsin, who holds a whip and is renowned for his cruelty, while Limba is said to dwell in rocks and eat everyone he encounters. They are said to be "served with both hands" when invoked by a bokor under certain conditions, or by a traditional houngan. They are divided into families including the Ghede, the Petro, and the Rada. For 10 points, name these entities exemplified by figures like Baron Samedi and Papa Legba, who serve as deities that possess Voodoo priests.

ANSWER: **loa**s

3. This agreement was immediately preceded by one side’s resolutions passed in the Kaiserbagh building and it grew out of a memorandum written two months earlier by 19 members of the Imperial Legislative Council. It built upon the Minto-Morley reforms of seven years earlier, specifically in terms of expansion of the numbers in both the Central and Provincial Legislative Councils. Due to unhappiness with its results, the leader of one side would go on to announce his “fourteen points” though by then it had already been weakened by the growing Khilafat movement. It was marked by cooperation between the moderates of Gokhale [go-kuh-lay] and the extremists of Tilak as well as the INC and its counterpart. For 10 points, name this agreement chiefly orchestrated by Muhammad Ali Jinnah in 1916 to improve Hindu-Muslim affairs and which was reached in the namesake Indian city.

ANSWER: **Lucknow Pact**

4. This writer depicted a place where the “sun burns sere and the rain dishevels” in “The Forsaken Garden,” while his, *Heptalogia, or the Seven Against Sense*, offered a slew of parodies in the style of his contemporaries, such as the piece “The Higher Pantheism in a Nutshell.”He created a fictitious back-story about a damsel named Yolande de Sallieres in a work about a clerk who continues to caress the deformed body of his now dead mistress. That work, “The Leper,” was published in a controversial 1866 collection alongside another poem that begins— “Swallow, my sister, o swallow--” and is named “Itylus.” Other works by this author include “Laus Veneris,” “Faustine,” and a piece addressed to “Our Lady of Pain:” “Dolores.” For 10 points, identify this English poet of such works as “Ave Atque Vale,” “The Garden of Proserpine,” and *Atalanta in Calydon*.

ANSWER: Algernon Charles **Swinburne**

5. The Kosterlitz-Thouless transition in the XY model arises from a Coulomb gas of these, whose proliferation is thermodynamically favored at high temperatures. They have an associated nonzero integer winding number and represent a form of localized disorder. In type II superconductors in an external magnetic field above the lower critical value, magnetic flux penetrates the conductor in the form of these. Kármán streets involve a staggered pattern of them. In fluid dynamics, they are detected by a namesake quantity computed as the curl of the velocity distribution. In the atmosphere they occur on many different scales, including tornados and hurricanes. For 10 points, what is this physical phenomenon in which there is some circular flux around a center?

ANSWER: **vortex** [or **vortices**]

6. Before this group of paintings could begin their artist negotiated terms with Claude Maugis settling for a total of 20,000 crowns. The first entry depicts the Fates at work with their accoutrements, minus Atropos’s scissors, while Zeus and Hera watch from above. The most discordant painting in this cycle shows a gathering on Olympus and was titled *The Council of the Gods* and Time uncovers Truth while a wreath is presented above them in the final entry, *The Triumph of Truth*. The “Destiny,” “Birth,” and “Education” of the central figure precede such historical scenes as *The Flight From Blois* and *The Disembarkation at Marseilles* and the happiness of the final reconciliation with the Dauphin. Numbering 24 paintings in all they were produced to decorate the Palais de Luxembourg. For 10 points, identify this cycle of paintings by Rubens named for their subject, the widow of Henry IV of France.

ANSWER: *The Life of* ***Marie de’Medici***

7. The *quartet1* mutation can be used to study “tetrads” in this tissue, and *T. fornieri* has been used to study the attractant effects of LURE proteins upon it. The S RNase arrests the growth of one of its components. The action of callase is critical for its maturation, and at maturity it is surrounded by two cell walls, the intine and the exine. Following hydration, a tube grows from this structure to direct the delivery of its generative cell through a micropyle; the POP2 and POP3 gene products are important for this process in *Arabidopsis*. Microsporangia are sacs containing this substance, which has frills or wings in many gymnosperms. For 10 points, name this powdery substance found on anthers, which contains the male gametes of plants and is the allergen that triggers hay fever.   
ANSWER:  **pollen**

8. In a biography of this man entitled *The Founder* evidence of his homosexual relationship with his friend Neville Pickering is offered, while his cruelty and brutal rule is the subject of much of the final five chapters of Twain’s *Following the Equator*. His power was nearly complete after establishing a company headed by himself, the Duke of Abercorm, and Alfred Beit. This allowed him to reach the so-called Rudd Concession, in which he and partner Charles Rudd came to an agreement with Lobengula. After acquisition of the Pitsani Strip, he attempted to stir up the Uitlanders [ootlanders] and the resultant failure led to this downfall. Thus he stepped down as prime minister of Cape Colony following the disastrous Jameson Raid. For 10 points, name this founder of De Beers, a diamond merchant and politician who set up a scholarship to study at Oxford.

ANSWER: Cecil **Rhodes**

9. This work’s minor characters include the loyal Billy Biasse whose gift of a gun helps another character get out of a tight jam with the gambler Zeddy. Chapter 12, “The Treeing of the Chef,” takes place on a train travelling from Pittsburgh, and documents the protagonist’s friendship with the Howard University educated Ray, who espouses race pride and admires Toussaint L’Ouverture. Later sections of the novel are set in such clubs as the Baltimore and the Congo, where the protagonist meets the masochistic entertainer Rose. Its final section depicts the main character reuniting with his love Felice and eventually leaving for Chicago. Criticized as “filth” when it was published in 1928, as it opens, the protagonist, an army deserter, boards a freighter en route from Cardiff to the title location. For 10 points, identify this work about Jake Brown’s return to New York, a novel by Claude McKay.

ANSWER: ***Home to Harlem***

10. The earliest explorations of this philosophical property are attributed to Eubulides of Miletus. One modern attempt to deal with this property adheres to the principle of least mutiliation and rejecting the notion of bivalent truth; this view is known as “supervaluation.” Another approach to considering this property, called epistemicism, holds that there is some cutoff that is fundamentally unknowable. That view was advanced in Timothy Williamson’s book on this property, which asserted that “no one knows whether I am thin.” Responsible for the sorities paradox or the paradox of the heap, for 10 points, identify this property defined by C.S. Peirce as what happens when a concept’s meaning is intrinsically uncertain.

ANSWER: **vague**ness (do not accept ambiguity)

11. It ends with the return of a seal by an old adviser named Shrewsbury and the flight of a former love interest to France. As it opens, a hidden compartment containing jewelry is discovered much to Hannah Kennedy’s chagrin. Though based on such historical sources as William Camden’s *Annals*, it reimagines the signing of the Treaty of Blois and features several fictional characters including the murderous O’Kelly and the fanatical Mortimer, who aims to succeed where Babington’s conspiracy failed.Composed of five acts that shift from Fotheringay Castle to the Palace of Westminster, the titular heroine, who first appears wearing a veil with a crucifix in her hand, confronts her first cousin and royal rival in a park outside of her prison. For 10 points, identify this tragedy about a deposed Queen of Scotland, a work by Friedrich Schiller.

ANSWER: ***Mary Stuart*** *or* ***Maria Stuart***

12. Antenna pigments like deazaflavin or MTHF enhance the rate of F-A-D-H-minus-mediated reversal of this process by photolyases, and XerCD reverses this process in chromosomes in *E. coli*. Attempting to conduct a bimolecular elimination of hydrogen bromide from 3-bromocyclopentene will cause this to happen via the Diels-Alder reaction as 1,3-butadiene is formed. DNA-binding enzymes that display this characteristic typically have palindromic binding sites. In substituted ethylenes, the formation of these involves diradical intermediates, and the simplest carboxylic acids exist in this form in solution. For 10 points, name this phenomenon exhibited by two identical molecules binding to each other to produce the smallest type of polymer.

ANSWER: **dimerization** (accept word forms; do not accept heterodimerization as all of the examples refer to homodimerization; accept **crosslink**ing until “XerCD” is read)

13. The song “The Old Flag Never Touched the Ground” was associated with one of its original survivors, William Carney. Among the skirmishes in which this group participated were Olustee, Honey Hill, and Boykin’s Hill. Its leader and second-in-command, Pen Hallowell, were both chosen by John A. Andrew, the man who had first proposed its formation. Among those called to recruit on its behalf were Edward Pierce and Lewis Hayden who did so before it assembled at Camp Meigs. Its first action was at James Island and two days later it participated in the attack on a location south of Charleston harbor. Memorialized for heading the assault on Fort Wagner, for 10 points, name this group led by Robert Gould Shaw, the first black regiment recruited in the North during the Civil War.

ANSWER: the **54th Mass**achusetts Infantry

14. His Florentine agent, Naldo Nadi, prepared a catalogue of the works in his library, which would be bolstered by his marriage to Beatrice of Aragon, who had her own collection. His uncle was sawed in half and the plague took his intended first wife as well as his father. Nevertheless he consolidated power by raising a large army, the *fekete sereg*, and proceeded on a series of conquests, including the capture of the capital of his western neighbor Frederick III. After concluding a peace with his father-in-law George Podebrad, he would eventually be defeated by the Moldavian Stephen III. He had already become king of Bohemia and his own country by his 1490 death. For 10 points, identify this son of John Hunyadi, a king of Hungary named for the raven on his coat-of-arms.

ANSWER: **Matthias** Corvinus (or **Matthias** Hunyadi or **Matyas**)

15. A film by Rafael Esquer was commissioned to document the impressions of visitors to this structure. Southwest of it is Calluna Farms, which was purchased and remodeled by David Whitney, a longtime collaborator of its creator. Another long time friend, Frank Stella, shot a short film of his 2009 “Return” to this site. Sitting at its south side is the sculpture *Two Circus Women* by Elie Nadelman, whose upcoming renovation will follow the recent renovations of its flat roof and the purple-hued brick cylinder which contains its bathroom. Low walnut cabinets and black steel cylinders set it apart from Mies van der Rohe’s contemporaneous and similar Farnsworth House. For 10 points, identify this self-designed residence of Philip Johnson, whose simple name reflects its transparency.

ANSWER: the **Glass House**

16. Cui would later use the opening melody of this work in the 9th piece of his *Kaleidoscope*: *Orientale*. The first section ends with a *fortissimo* rendition of the plaintive folk song, “The Sun Does not Shine,” by a pair of trumpets, a moment that some critics suggest is meant to evoke a cry for help. It ends with a swirling virtuoso coda for the full orchestra that features loud and ringing accents presumably announcing victory. In later years, a portion of this work was replaced by inserting a melody by Glinka in the second section, where a rustic motif for the woodwinds is interrupted by a statement of “God Save the Tsar.” Its composer’s Opus 31, this work was written at the behest of Nikolai Rubinstein in 1876 for a benefit concert for Serbian soldiers wounded in the war against Turkey. For 10 points, identify this orchestral work by Pyotr Tchaikovsky.

ANSWER: ***Marche Slave*** or ***Slavonic March***

17. As a gift, this figure is given a mixing bowl obtained from the king of the Sidonians, Phaedimus, and forged by Hephaestus. According to one fragment, he was bathed by a maiden named Polycaste and thus become the father of Persepolis. This older brother of Acusilaus gets visited by a figure introduced as a king of the Taphians who claims to be bringing a cargo of iron to Temesa. Later, this figure receives a chariot and horses driven by Pisistratus, after he had asked for twelve jars of wine and twenty measures of barley from Euryclea. Much earlier, he was placed in front of a plow by Palamedes, in order to expose the fake insanity of his father. He futilely attempts to expel Eurymachus and Antinous from his house before setting on the above journey to talk to Menelaus and Nestor. For 10 points, name this son of Penelope who searches for his father in the Odyssey.

ANSWER: **Telemachus**

18. A recent paper by Hilley et al discusses how to systematically identify them from airborne laser topographic data and estimate their ages, with examples in the Carrizo Plain and Mustang Ridge. The type occurring in Piedmont in the western U.S. are more easily dated than those in bedrock in the Aegean. Their shape evolves according to a diffusion equation smoothing out the sharp edge, with processes including bioturbation, rainsplash, and soil creep responsible for the slow change. They occur at the boundaries between horsts and grabens, and may be created by earthquakes. The Elkhorn one is associated with the San Andreas Fault. For 10 points, what is this geologic feature, in which a fault plane dislocates the ground surface and causes a step in elevation?

ANSWER: fault scarp

19. This organization played a key role in a series of conflicts between jockey clubs and poolroom gamblers. Its namesake, who was nearly killed in Windsor, Ontario, by George Johnson, had such rivals as the self-promoting William Burns, and a man named Charles Siringo a former employee and author who identified this organization as one of *Two Evil Isms*.Its New York office was headed by George Bangs, while other notable employees include James McParlan, whose published adventures in the coal fields of Pennsylvania were analyzed in Michael Denning’s *Mechanic Accents*. This organization, which sent its “operatives” after such groups as the James Brothers, advertised its services with the motto, “The Eye that Never Sleeps.” After suppressing the Molly Maguires, they cemented their notoriety by helping break the Homestead Strike. Named for a Scottish immigrant, for 10 points, identify this first professional detective agency in America.

ANSWER: **Pinkerton** Detective Agency or **Pinkertons** or **Pinkerton** Detectives or Men or Operatives

20. Chapter 10 of this novel begins in the form of a diary extract by a Dutch clerk named Jonassen who documents the searching of several ships, while its appendix contains a chart explaining the number of silver pieces available to informers. In one scene, a woman named Monica, who’d previously given the protagonist a cucumber, is rolled up in a straw mat, rowed out to sea, and tossed in. In another, two men sing “We’re on our way, we’re on our way” while being tied to trees on the seashore; when the tide rolls in they drown. The main character regrets not following in the footsteps of his companion Francis Garrpe who dies attempting to save the newly converted. The cowardly Kijichiro appears throughout this work, which begins with the news of Christovao Ferreira’s apostasy. For 10 points, identify this novel about the experiences of Father Rodrigues in Japan, a work by Shusaku Endo.

ANSWER: ***Silence***

21. This river contains the Anavilhanas Islands and passes through the eastern portion of Jaú National Park, in a region where it passes through the villages of Ayrao and Barcelos. Its largest tributary is the Vaupes, although it's also joined from the north by the Branco, with which it shares a moist forest ecoregion. It is connected to another river to the north by the Cassiquiare Canal, prior to which this body is called the Guainiá River. Its confluence with the Solimoes occurs at the so-called "meeting of the waters," or *encontro das aguas*, where this river passes through the city of Manaus. For 10 points, name this river known for its distinctive color, which is itself the largest tributary of the Amazon.

ANSWER: Río **Negro** (or **Black** River)

22. This author of the book *Romanticism and Christianity* buys clothing in preparation for a trip to Martha’s Vineyard, before he writes Tennie about his ex-mother-in-law’s divorce from an actor. Lawyer Sandor Himmelstein had earlier offered him a place to stay after his disastrous experiences with the Freudian Dr. Edvig and the resulting divorce. The ensuing custody fight with Madeleine over their daughter June brings him to Chicago where he visits his stepmother and gets in a car accident. Subsequently, he is arrested for carrying his deceased father’s gun. In the police car, he recalls his childhood rape and reflects on his betrayal at the hand of his crippled best friend Valentine Gersbach. For 10 points, name this namesake academic, the protagonist of an epistolary novel by Saul Bellow.

ANSWER: Moses E. **Herzog**

23. The zero-nu mutant of this organism fails to transcribe rRNA. Gurdon developed a method for exogenous mRNA expression in this organism, and Keller explants are a system used to study cell movement in it. Brachet’s cleft and Spemann’s organizer are developmental structures in this model organism, which is not genetically tractable but is often used to study gastrulation and embryonic development. A protein complex containing p34Cdc2 and B-type cyclins, discovered in this vertebrate, was originally called maturation promoting factor. Microinjection of DNA into animal caps or oocytes is a common experimental technique in this organism, and species of this model organism include *tropicalis* and its tetraploid relative *laevis*. For 10 points, name this amphibian genus of model organisms.  
ANSWER:  ***Xenopus*** (also accept **X**enopus **laevis**, **X**enopus **tropicalis**, **platanna**, **African clawed frog,** or South **African clawed toad**, prompt on **frog** or **toad**)

**Editors Round 6 Bonuses**:

1. His design for the water tower of the Berlin Mint proved so structurally flawed that he had to blow up the building. For 10 points each—

[10] Name this 17th century German better known for his sculptures such as his magnum opus, the bronze equestrian statue *Frederick William the Great*.

ANSWER: Andreas **Schluter**

[10] Late in his life Schluter worked on both the Kikin Palace and the relief stuccos in the Summer Palace in this city, also home to a collection of buildings known collectively as the State Hermitage.

ANSWER: St. **Petersburg** (or **Piter**)

[10] On his 1696 trip through Italy Schluter first observed this French sculptor’s *St. Sebastian* in a Genoese church. His *Milo of Crotona*, however, was done in France and the only one of his works accepted for Versailles.

ANSWER: Pierre **Puget**

2. Falling in love with mortals always leads to disaster. For ten points each:

[10] Orpheus love of this mortal ended in tragedy when he looked back as she ascended from the underworld.

ANSWER: **Eurydice**

[10] This Hindu god fell in love with a mortal and had a son named Kumar, but began to argue with her about his upbringing and nearly killed her. Before his deification, according to Vedic tradition, he had been the first mortal to die.

ANSWER: **Yama**

[10] This Aztec god of wind, sometimes fused with Quetzalcoatl, fell in love with a mortal maiden named Mayahuel, but their intercourse caused her death, and he was forced to bury her.

ANSWER: **Ehecatl**

3. Name some things about the chemistry of DNA bendiness, for 10 points each.

[10] Many DNA-binding proteins, including TATA-binding protein, bend DNA by intercalating bulky amino acid residues into this region of the DNA. In A-form DNA, this region is shallower and wider than in B-form DNA.

ANSWER: **minor groove**

[10] Narrowed minor grooves and bending are characteristic observations of DNA containing long tracts of this nucleotide, which pairs with thymine.

ANSWER: **adenine**

[10] The rigidity of DNA, and of other polymeric molecules, is often given in terms of this parameter, which is derived from measuring the mean contour length and mean end-to-end length. For naked double-stranded DNA, this value is about 50 nanometers.

ANSWER: bend-**persistence length**

4. This piece of legislation created a bill of rights and established an elected upper house, for 10 points each,

[10] Identify this 1917 Act that replaced the legislative council instituted by the Foraker Act and extended U.S. Citizenship to Puerto Ricans.

ANSWER: **Jones** Act

[10] Part of the Jones Act would be superseded in 1947 when this man, the first governor of Puerto Rico, was elected and instituted a program of industrial development known as “Operation Bootstrap.”

ANSWER: Luis **Munoz** **Marin**

[10] Puerto Rico had been ceded to the United States by this 1898 treaty that ended the Spanish-American War.

ANSWER: Treaty of **Paris**

5. Coleman Barks and Shahram Shiva are leading translators of this author's poetry. For 10 points each:

[10] Name this twelfth century mystic Sufi poet whose friendship with Husam Chelebi inspired his S*piritual Couplets*.

ANSWER: Jelalludin **Rumi**

[10] Rumi began writing poetry after meeting this dervish, who earned Rumi's devotion by asking him who was greater, the prophet Muhammad or Bayezid Bistani.

ANSWER: **Shams**uddin of Tabriz [or **Shams** ad-Din]

[10] Rumi mainly wrote in this poetic form, which consists of five to fifteen couplets. In this poetic form, both lines of the first couplet contain a rhyme followed by a refrain, which is echoed by the second line of every subsequent couplet.

ANSWER: **ghazal**s

6. One instance of it occurred on May 5, 1527 and was carried out by the troops of Charles V, who did not order it but was angered by Clement VII’s support of France. For 10 points each:

[10] Name this event which was also perpetrated by the Visigoth Alaric I in AD 410 on the namesake city.

ANSWER: **sack**ing of **Rome** (accept equivalents for sacking, e.g. destruction, pillaging)

[10] Alaric had earlier been defeated handily at Pollentia and Verona by this Vandal general.

ANSWER: Flavius **Stilicho**

[10] Clement VII’s weakness allowed for the return of a condottieri of this family to Rimini, a city it had ruled from 1295 to 1500.

ANSWER: House of **Malatesta**

7. Questions about physical effects used in particle detectors, for 10 points each.

[10] This type of detector relies on the namesake luminescence of a medium in response to ionizing particles, which can then be recorded by a photomultiplier. The medium may be an inorganic crystal or an organic liquid or plastic.

ANSWER: **scintillation** detector [or scintillation counter]

[10] Particles moving faster than the speed of light in a medium can be detected by this radiation that they emit, which is the optical analogue of a sonic boom.

ANSWER: **Cherenkov** radiation

[10] Denoted X-nought, it is the distance over which the energy of a beam of electrons drops by a factor of e due to bremsstrahlung. For iron, it is 13.8 grams per square centimeter.

ANSWER: **radiation length**

8. Its tenets were outlined in three books written between 1901 and 1909, including the *Estetica*, and the *Logica*,for 10 points each:

[10]Identify this worldview that championed the importance of *immanentism*, the primacy of lived human experience, as expressed through art and understood through a careful study of history.

ANSWER: **Philosophy of Spirit**or **Philosophy of Mind** or **Filosofia dello Spirito**[prompt on Croce’s philosophy, or Croce’s concepts, or Croce’s metaphysics]

[10] The “Philosophy of Spirit” was articulated in the works of this Italian thinker.

ANSWER: Benedetto **Croce**

[10] Croce’s works owed much to this philosophical treatise which was first published in 1725. It begins with an odd section entitled “Idea of the Work,” which is primarily concerned with an explanation of the frontispiece, and ends with a description of an “eternal natural commonwealth” that evolved from a state of barbarism.

ANSWER: ***The New Science*** or ***La Scienza Nuova***

9. This author, who was serving as Russian minister to Persia at the time, was murdered during an 1829 uprising in Tehran, for 10 points each:

[10] Identify this playwright and poet whose early works included such light fare as *The Young Spouses*, but who is now remembered for a satire skewering the Moscow upper classes called *Woe fromWit*.

ANSWER: Aleksandr Sergeyevich **Griboyedov**

[10] This 1872 essay praises the “colloquial verse” of Griboyedov’s *Woe from Wit*. Its title derives from an analysis of the numerous misfortunes that are visited upon *Woe from Wit*’sinexhaustible protagonist Chatsky.

ANSWER: **“A Million Torments”** or **“Mil’on Terzanij”**

[10] “A Million Torments” was written by this author whose other works include *A Common Story* and *Oblomov*.

ANSWER: Ivan **Goncharov**

10. Following this work’s premiere in 1866, its composer sought out Joseph Joachim for advice on how it might be improved, for 10 points:

[10] Identify this piece, its composer’s Opus 26, which was originally called a fantasy. It opens with a movement in *Allegro moderato* subtitled *Prelude* and concludes with the soloist and ensemble playing a joyful Hungarian dance.

ANSWER: **Violin Concerto No.1**, in G minor, Opus 26 or the **Violin Concerto in G Minor**

[10] In addition to the Violin Concerto in G Minor, this composer wrote a work subtitled “An Adagio on Hebrew Themes for Cello and Orchestra,” *Kol Nidrei*.

ANSWER: Max **Bruch**

[10] Among others, Max Bruch mentored this British composer whose nine symphonies include the *Sinfonia Antarctica* and the *Sea Symphony*.

ANSWER: Ralph **Vaughan Williams**

11. It spawned a Literary and Scientific Circle that was inaugurated in 1878 and led for many years by Kate Kimball, for 10 points each:

[10] Identify this national educational movement that was founded at a Methodist camp meeting on the shores of a namesake lake in Western New York.

ANSWER: **Chautauqua**

[10] Two men, an industrialist and a bishop, founded Chautauqua, name them.

ANSWER: Lewis **Miller** [industrialist] and John Heyl **Vincent** [bishop]

[10] This organization, which was founded in Cincinnati in 1874 and led by Frances Willard, emerged from the Chautauqua movement. It too established its own publishing association, but was eventually succeeded by such groups as the Anti-Saloon League.

ANSWER: **W**oman’s **C**hristian **T**emperance **U**nion

12. The basic structure of these enzymes is often compared to a right hand. For 10 points each:

[10] Name this broad class of enzymes, which includes reverse transcriptases as well as several types of proteins that produce RNA and DNA.

ANSWER:  **polymerase**s  
[10] The three RNA polymerases found in eukaryotes can be distinguished by their differential sensitivity to these cyclic fungal toxins. RNA polymerase II is the most sensitive to these peptides.

ANSWER: **amanitin**s or **amatoxin**s

[10] This lone B-family translesion synthesis polymerase, whose catalytic subunit is Rev3, is critical for the mutational response to UV damage in mammals.

ANSWER: DNA polymerase **ζ** (**zeta**)

13. This study presents candid interviews with such people as Don, an aging gypsy cab driver, and Maggie, a drug addicted mother, who live along Philadelphia’s Germantown Ave., for 10 points each:

[10] Identify this sociological work published in 1999 and subtitled “Decency, Violence, and the Moral Life of the Inner City.”

ANSWER: ***Code of the Street***

[10] This Yale University Professor of Sociology and author of *Code of the Street* recently published a new book focusing on young black men titled *Against the Wall*.

ANSWER: Elijah **Anderson**

[10] In the middle of *Code of the Street*, Anderson discusses the impact of his academic predecessors, including this man who wrote *The Philadelphia Negro: A Social Study* as well as *The Souls of Black Folk*.

ANSWER: W.E.B. **Du Bois**

14. The title character eventually adopts Minister Peck’s daughter Idella, and vows to carry on the philanthropic work of the Social Union, for 10 points each:

[10] Identify this 1889 novel about a wealthy woman who returns to Hatboro, Massachusetts, from Italy, and, inspired by her eventual husband, Doctor Morrell, attempts to help the local charity scene.

ANSWER: ***Annie Kilburn***

[10] Four years before completing *Annie Kilburn*, this American Realist wrote *The Rise of Silas Lapham*.

ANSWER: William Dean **Howells**

[10] In this Howells work, the clergyman Mr. Morton falls in love with Imogene Graham, who had become engaged to the older publisher Theodore Colville. Eventually. Morton and Graham get together, and Colville marries Evalina Bowen.

ANSWER: ***Indian Summer***

15. Their final exhibition included pieces of Alfred Finch’s furniture and decorative embroideries by Henry Van de Velde. For 10 points each—

[10] Name this group of artists, designers, and musicians founded by Edmond Picard and Octave Maus, but largely associated with James Ensor, who broke with the group after it refused to display his *Christ’s Entry Into Brussels*.

ANSWER: Les **Vingt** [vant] or Les **XX** or The **Twenty**]

[10] Les Vingt’s sixth exhibition featured this man’s painting *Vision After the Sermon* painted three years before he traveled across the world and ten years before his *Where Do We Come From? What Are We? Where Are We Going?*

ANSWER: Paul **Gauguin**

[10] The sixth exhibition also marked the start of annual performances by this man’s quartet. The magnum opus of this violin virtuoso’s repertoire was his *Six Sonatas for Solo Violin*.

ANSWER: Eugene **Ysaye** [ee-sye]

16. He contributed to the Royalist cause with the publication *The Puritan and the Papist* while his later works included several irregular adaptations of Pindar,for 10 points each:

[10] Identify this British poet who published a series of Metaphysical love poems, *The Mistress*, in 1647, andwhose volume *Miscellanies* included such works as “On the Death of Mr. Crashaw.”

ANSWER: Abraham **Cowley** (pronounced Cooley, but be lenient)

[10] Cowley wrote a series of poems, such as “The Epicure” and “Drinking,” that aimed to emulate the works of this Greek lyric poet from Teos who was well known for celebrating wine, women, and song.

ANSWER: **Anacreon**

[10] Cowley’s most ambitious work was an unfinished epic in heroic couplets, which includes such sections as “Awake, Awake, My Lyre,” and celebrates this titular biblical character.

ANSWER: **David** (accept ***Davideis***, the name of the epic)

17. Name these tumultuous events during the Regency Era or the “Madness of King George,” for 10 points each:

[10] It actually occurred a month after the death of the king in January 1820 and was an attempt, led by Arthur Thistlewood, to assassinate Lord Liverpool and all of his cabinet ministers at the namesake location.

ANSWER: **Cato Street Conspiracy** (accept equivalents for conspiracy, e.g. plot, plan, etc.)

[10] The Cato Street conspirators were partly motivated by anger over this set of laws, which passed four months after Peterloo and included such measures as the Misdemeanors Law and the Seizure of Arms Law to prevent future turmoil.

ANSWER: the **Six Acts**

[10] Led by the dunce Jeremiah Brandreth this rebellion grew out of the namesake Derbyshire village and petered out after the rebels learned that they had been infiltrated by a government spy simply known as Oliver.

ANSWER: **Pentrich Rising** or **Pentridge** Rising (accept equivalents for rising)

18. Book 6 is titled *Wonderful Providences* while Book 7 is called *The Wars of the Lord*,for 10 points each:

[10] Identify this 1702 work subtitled “The Ecclesiastical History of New England,” a seven volume work that primarily details the religious development of Massachusetts.

ANSWER: ***Magnalia Christi Americana***

[10] This Puritan minister and author of such other works as *Pillars of Salt* and *The Christian Philosopher* wrote *Magnalia Christi Americana*.

ANSWER: **C**otton **Mather**

[10] This 1693 Cotton Mather work which concludes with the section, “The Devil Discovered,” begins with “some accounts of the Grievous Molestations by Daemons and Witches” and is a retelling of the Salem Witch trials.

ANSWER: ***The Wonders of the Invisible World:*** *Observations as Well Historical as Theological, upon the Nature, the Number, and the Operations of the Devils*

19. Replacement strategies in this entity include Second Chance and Least Frequently Used.  For 10 points each:

[10] Identify this storage location in a computer, which is usually managed by an MMU.

ANSWER: **Virtual Memory**

[10] These entities are usually used to store mappings from physical to virtual memory.  A cache of addresses in this entity makes up the translation lookaside buffer.   
ANSWER: **Page Table**s

[10] The memory protection provided by virtual memory does not prevent these attacks, which often exploit unsafe calls to methods like strcpy to execute arbitrary code.  Bound checking can prevent these exploits.  
ANSWER: **Buffer Overflow** Attack (or **Buffer Overrun** Attack)

20. The first chapter on this family describes Deborah, a woman encountered at the Vineland Training School by the author, who uses her as an example of a "moron" or "high grade defective." For 10 points each:  
[10] Name this pseudonymous family written about by Henry H. Goddard in his "Study in the Heredity of Feeble-Mindedness."  
ANSWER: **Kallikak**s  
[10] This man accused Goddard of "conscious skullduggery" in doctoring the photos used in the study to make them appear more moronic. This author of *The Mismeasure of Man* advanced a notion of punctuated equilibrium with Niles Eldredge.   
ANSWER: Stephen Jay **Gould**  
[10] This sociologist wrote the initial 1877 study *The Jukes* when he investigated a jail in Ulster County, New York and made a case that it was populated by a line of hereditary criminals and paupers.    
ANSWER: Richard Louis **Dugdale**