



1. This character contrasts himself with a slave who "Sleeps in Elsyium" and "Doth rise and help Hyperion to his horse." While discussing a person who is "but a man," he says "the violet smells to him as it doth to me." This character claims "It yearns me not if men my garments wear; / Such outward things dwell not in my desires." After advising "imitate the action of the tiger," he exclaims "the game's afoot!" In a speech, this character imagines names, "familiar in his mouth as household words," that will "be in their flowing cups freshly rememb'red." In that speech, he says "The fewer men, the greater share of honor" and addresses "We few, we happy few, we band of brothers." For 10 points, name this Shakespearian character who delivers the St. Crispin's Day speech before the Battle of Agincourt.

ANSWER: **Henry V** [or Prince **Hal**; or **Harry**; prompt on Henry]

252-14-67-05101

2. After having an affair with a shop girl named Ada, one character with this profession is saved by his uncle Gottfried and dismissed by his childhood hero Hassler. Count Andrea Marcosini tries to get a man with this profession drunk after falling in love with his wife Marianna in a short story by Honoré de Balzac. Due to a printer's error, a biography of a moody hypochondriac with this profession is mixed with the autobiography of Tomcat Murr in a work by E. T. A Hoffmann. This profession of Jean-Christophe Krafft and Johannes Kreisler was shared by a man who wrote a "little phrase" that comes to represent the love of Charles Swann and Odette de Crécy. After contracting syphilis, another character with this profession sells his soul for twenty-four years of genius. For 10 points, name this profession shared by Vinteuil and Adrian Leverkühn, who wrote the oratorio *Apocalypsis cum figuris*.

ANSWER: **composer** [prompt on **musician**]

237-14-67-05102

3. This man's central banker Erwin Blumenthal drafted a list of over 50 people and businesses in the country who should be banned from the import/export trade. This leader spent \$250 million to construct a steel plant in Maluki that after 1978 never ran at more than 4% capacity, and spent even more on a hydroelectric dam at Inga. This man created the Division Speciale Presidentielle composed largely of members of his own Ngbendi tribe. Larry Devlin helped place him in power and gave him CIA briefings. This dictator, who was fond of leopard-skin hats, mandated the wearing of a tunic called the *abacost*. For a time, this leader of the MPR served under President Joseph Kasavubu. He died in exile shortly after giving up power to Laurent Kabila. This one-time member of the Force Publique ousted Patrice Lumumba. For 10 points, name this President of Zaire.

ANSWER: **Mobutu** Sese Seko Kuku Ngbendu wa Za Banga [or Joseph-Desiré **Mobutu**]

094-14-67-05103

4. This thinker pointed out that eating non-nourishing food is not considered perverted in contrast with abnormal sexual preferences in one essay. This man contrasts prudential and altruistic motives as features of practical reason in a book that argues that some of our moral actions are motivated by objective reasons. "How Do We Know Anything?" is one of nine questions this man answers in a short introduction to philosophy. This philosopher argued that the mind-body problem "is not just a local problem" in his recent book *Mind and Cosmos* and wrote *The Possibility of Altruism*. In his best known work, which was collected into *Mortal Questions*, he asked how one would feel doing things like using echolocation and denies reductionist accounts of mental states. For 10 points, name this author of *The View From Nowhere* and "What Is It Like to Be a Bat?"

ANSWER: Thomas **Nagel**

094-14-67-05104

5. Activist Roy Sesana led the FPK movement in this country, which advocated for people who had been forcibly resettled in New Xade. The Tsawana group protested a 2001 referendum in this country which was believed to concentrate judicial power in the Kalanga. This country is separated from its western neighbor by the Chobe River. This country, whose economy is reliant on government-owned diamond mines, is the setting of *The No. 1 Ladies' Detective Agency* and has a twenty-five percent HIV rate. This country's north point has a border of less than one kilometer with Zambia and a much longer border with the Caprivi Strip. For 10 points, name this country renowned for its economic and democratic stability and found to the north of South Africa.

ANSWER: **Botswana**

019-14-67-05105

6. This painting, one of the treasures of the Cone Collection in Baltimore, shares its name with a series by Tom Weselmann made in the early 2000s inspired by a late-period paper cutout also of this name by the same artist. Copies of *Le Lexu II* and this other "monster piece" were burned by angry Art Institute of Chicago students. This painting was the last by its artist bought by Leo Stein. It was originally exhibited with the title *Tableau III* at the 1907 Salon des Independants and was criticized by Picasso for straddling the line between woman and design. The title figure places bends her right arm, placing her hand on her head. The landscape in this painting was inspired by a visit to Biskra in Algeria. For 10 points, name this Henri Matisse painting of a reclining woman silhouetted in the title color.

ANSWER: *The **Blue Nude I*** [or ***Nu bleu*** or the ***Blue Woman***; accept ***Souvenir de Biskra*** before Biskra is mentioned]

094-14-67-05106

7. This man was once sent as a spy to Dunkirk under the employ of Cardinal Francois de Bernis. He received a large payment for supposedly transferring the spirit of the elderly Marquise d'Urfé into a young boy. In one adventure, this man used a hollowed-out Bible to smuggle a sharpened spike to Father Balbi. While in Dresden, this man wrote a now-lost parody of Racine's Thebaid titled *La Moluccheide*. This one-time director of the state lotteries in Paris brags that his gigantic novel *Icosaméron* would make him famous in a 1976 film about his life by Federico Fellini; Fellini's film was based on the recently-published uncensored edition of his memoir, *Historie de ma vie*. He famously escaped from the Piombi in the Doge's Palace in 1756. For 10 points, name this famed Venetian libertine.

ANSWER: Giovanni Giacomo **Casanova** [or Jean-Jacques, Chevalier de **Seingalt**]

094-14-67-05107

8. Recurring segments on this show include "Real or Jabroni?," where contestants have to identify whether a quote attributed to the Iron Sheik is genuine or not. A running joke on this show refers to the nonexistent game show taping across the hall, "Tuxedo Guys." The host of this show frequently makes passionate, and wrong, appeals to pronounce ".gif" with a hard "g." This program's all-time leading winner is Ron Funches, with five titles, though its most frequent panelists are Kurt Braunohler, Nikki Glaser, and Doug Benson. Its most popular segment is the viewer-participation "hashtag wars" and its catchphrase is the manic host yelling "POINTS!" For 10 points, name this Chris Hardwick-hosted comedy panel show which follows *The Colbert Report* in its namesake east coast timeslot.

ANSWER: @midnight

019-14-67-05108

9. The second of these works by this composer uses a G sharp-D sharp drone to imitate bagpipes, while the Opus 68 No. 3 one quotes "Oj, Magdolino." Pauline Viardot adapted some of them as songs like "Aime-moi." One of these works by this composer begins and ends with three bars of quarter notes alternating between three chords spanning an A-F minor sixth before an eighth-note triplet leads to an F major chord. Movement three of Górecki's *Symphony No. 3* quotes those bars from Opus 17 No. 4. These works contain three-quarters of their composer's *rubato* markings, and Liszt dubiously claimed they drew from the authentic folk music of their composer's homeland. Of these 69 works, 45 were published during their composer's life and 13 posthumously. For 10 points, name these short, lively 3/4 works, often accented on the second or third beat, written by a Polish Romantic composer.

ANSWER: mazurkas by Frédéric François Chopin [or mazurkas by Fryderyk Franciszek Chopin; prompt on partial answer]

237-14-67-05109

10. This tribe's strategy of breaking their troops into small segments, called the Maniple System, was adopted by their larger neighbors. Many people in this tribe are believed to have migrated after the *Latifundia* system was put in place. Along with the Marsi, this tribe revolted in the Social War and they opposed Crassus and Sulla at the Battle of the Colline Gate, after which many members of this tribe were killed. This tribe won a "battle" in which they trapped the Romans before letting them go unharmed after they passed under an oxen yolk. That battle was the Battle of Caudine Forks. This tribe was the namesake of an early gladiator type, and that type was adopted after this tribe was defeated in the third of three wars. For ten points, name these residents of southern Italy, a tribe that fought Rome namesake wars in the 4th and 3rd centuries BCE.

ANSWER: Samnites

250-14-67-05110

11. One poem by this author states that he was not taught by the Catholic Church or "the American Legion, which hates everybody" but by "stretching Vistavision", "tragic Technicolor" and the "glorious Silver Screen". This author of "To the Film Industry in Crisis" collaborated with Norman Bluhm on a series of "poem-paintings". This one-time curator of the Museum of Modern Art explained his literary leanings in the poem "Why I Am Not a Painter". One of his poems is set "three days after Bastille day" and the speaker sees the title singer's face on the front page of the *New York Post*. The speaker "would rather look at you than all the portraits in the world / except possibly for the Polish Rider" in his poem, "Having a Coke with You". For 10 points, name this New York School poet of "The Day Lady Died" and *Lunch Poems*.

ANSWER: Frank O'Hara [or Francis Russell O'Hara]

094-14-67-05111

12. WARNING: Two answers required. These two illnesses both cause a syndrome in which inflammation of the liver capsule leads to the growth of perihepatic adhesions in FitzHugh-Curtis Syndrome. One of these diseases is the most common cause of conjunctivitis in neonates, while the other can present with small petechial macules in a type of "disseminated infection" secondary to it. These two illnesses are treated concurrently with azithromycin and a cephalosporin like cefixime. The leading cause of infectious blindness in the world, trachoma, is caused by the causative agent of one of these illnesses. Complications of these two diseases include salpingitis, urethritis, infertility and Pelvic Inflammatory Disease. For 10 points, name these sexually transmitted infections, the two most common in North America.

ANSWER: **gonorrhea** and **chlamydia** [accept in either order; accept the causative organisms *Neisseria gonorrhoeae* and *Chlamydia trachomatis*]

245-14-67-05112

13. Arguments in this case focused on the applicability of a similar case with an opposite ruling, U.S. v. Lee, which addressed a tax law. Immediately following the ruling in this case, the Supreme Court vacated a judgment against Eden Foods based on this case's outcome. In July 2014, a group of Satanists attempted to use this ruling as precedent to be exempt from pre-abortion counseling laws. Several Christian groups have cited it as precedent in seeking exemptions from anti-discrimination statutes, even though the ruling in this case states that it does not "provide a shield for employers who might cloak illegal discrimination as a religious practice." A lesser-studied dissent in this case argues that the central claim fails on the merits because the medications in question do not, in fact, induce abortion. For 10 points, name this 2014 Supreme Court case which found that closely held corporations do not have to fund medications that violate sincerely held religious beliefs.

ANSWER: *Burwell v. Hobby Lobby*

019-14-67-05113

14. In 1981, Takeda et. al devised a method for fringe-pattern analysis that used this operation to detect small phase variations. Performing this operation on a Dirac comb returns itself. Applying this operation to a function that is in L1 and L2 will necessarily result in a product in L2 by Plancherel's theorem. This operation is unitary by Parseval's relation. Performing this operation on any constant function yields the Dirac delta function, while performing this operation on an image can decompose it into a sum of sines and cosines. Cooley and Tukey developed an algorithm for implementing its "fast" variety. For 10 points, name this transformation that takes an input in the time domain and maps it to the frequency domain.

ANSWER: **Fourier transform** [accept Fast **Fourier Transform** or **FFT**]

245-14-67-05114

15. According to a preface in the Septuagint, this book's traditional attribution comes from 2 Chronicles 25:35. This book's fourth chapter exclaims "How is the gold become dim!" in describing how the sons of Zion are esteemed only as much as a clay pot. The claim that "It is of the Lord's mercies that we are not consumed" appears in this book's third chapter, which is three times as long as any other chapter. This book is the source of the readings during the first nocturn of Matins of Tenebrae during the Holy Triduum. The first four of this book's five chapters are acrostic poems that spell out the Hebrew alphabet. The book is recited during Tisha B'Av to mourn the destruction of the First Temple. It describes how the Lord was "as an enemy" for allowing the destruction of Jerusalem. For 10 points, name this Old Testament book full of grieving, traditionally attributed to Jeremiah.

ANSWER: Book of **Lamentations** of Jeremiah [or **Eikhah**]

237-14-67-05115

16. A secret report by Charles Lindbergh ousted George Kenney in favor of this man, who once claimed that war is about "[killing] people and when you kill enough of them, they stop fighting". After succeeding Thomas D. White, this man argued that the administration was putting too many resources into the Polaris submarine. This man planned Operation Meetinghouse which employed large numbers of lightly defended B-29s equipped with special bombs. He resigned from government following disagreement over Operation Rolling Thunder. During World War II, he pioneered the use of the combat box formation and flying in straight lines on bombing runs. This general engineered the firebombing of Tokyo and the Berlin Air Lift. For 10 points, name this running mate of George C. Wallace and head of Strategic Air Command.

ANSWER: Curtis E. **LeMay** [or Curtis Emerson **LeMay**]

094-14-67-05116

17. Dividing this quantity by Avogadro's number to the one third times molar volume to the two thirds and multiplying by a steric coefficient gives specific surface energy according to Stefan's formula. This quantity is on the y-axis of a Mollier diagram, where it is plotted against entropy. This quantity is divided by the square of the temperature on the right side of the Gibbs-Helmholtz equation, which relates it to Gibbs free energy. The differential of this quantity equals  $TdS$  plus  $VdP$ . This quantity equals internal energy plus pressure times volume. Only the change in this quantity can actually be measured. For 10 points, name this quantity, a state function computed using Hess's Law.

ANSWER: **enthalpy**

245-14-67-05117

18.

In this film, a slow motion pan accompanies the sound of a hand dryer drowning out one man's story about how he almost shot a guy in the face for reaching for his registration. That scene occurs after cuts between a club with red lighting and a white bathroom as one character tells The Commode Story. A betrayal is foreshadowed in this film when one character attempts to remove his dollar from a pile of ones after an extended argument about tipping. Characters listen to K-Billy's Super Sounds of the Seventies throughout this film, including in one scene in which a character dances to "Stuck in the Middle With You" before chopping off a captured policeman's ear. This film ends after a Mexican standoff allows Mr. Pink to escape with the diamonds. For ten points, name this film where a bunch of guys named after colors attempt to rob a jewelry store, a film written and directed by Quentin Tarantino.

ANSWER: **Reservoir Dogs**

250-14-67-05118

19. Modification of a theorem named for this man with ordinal indices can be used to prove the Erdos-Rado theorem. Schanuel's conjecture leads to a result co-named for this man stating that a set of independent algebraic integers will also have independent exponentials. Another theorem named for this man and an Italian describes the density of analytic functions near essential singularities in a complex space. Those theorems are co-named for Lindemann and Casorati. This mathematician developed the M-test for uniform convergence. He states that every continuous function can be modeled arbitrarily closely by a polynomial, a result improved upon by Marshall Stone. For 10 points, name this German mathematician whose namesake function is continuous everywhere but differentiable nowhere.

ANSWER: Karl **Weierstrass** [accept "**Bolzano-Weierstrass** theorem" or "Bernard **Bolzano**" before "result"; accept **Lindemann-Weierstrass** theorem before mentioned; accept **Casorati-Weierstrass** theorem before mentioned]

245-14-67-05119

20. In a book about the political uses of these events, Leo Kuper notes that they are often defended through appeals to national sovereignty. Gregory Stanton has proposed eight stages through which these events progress, beginning with classification. People like Bob Dole, Claiborne Pell, and Henry Morgenthau, Sr. were exceptions to a general national complacency about these events according to Samantha Power's *A Problem From Hell*, which also describes William Proxmire's "speech a day" against them. Raphael Lemkin coined this term and lobbied for U.N. General Assembly Resolution 260, a convention to punish and prevent these crimes, which was later enforced against Jean Kambanda and the government of Serbia. For 10 points, name this kind of attempt to destroy a racial, ethnic, religious, or national group, exemplified by the Holocaust.

ANSWER: **genocide** [prompt on "ethnic cleansing"]

237-14-67-05120

21. In a novel by this author, actor Derek only takes jobs playing corpses, and, following the death of Nicole, The Old Dowager facilitates the escape of Teeton. In a novel by him, Coca-Cola bottler Jim Alston accidentally triggers a massive steel drum protest, and Vice-President Raymond is assassinated before Chiki's portrait of a mysterious man is used to deflect blame from inhabitants of the Forest Reserve. This author of *Season of Adventure* and *Water With Berries* wrote a novel in which the founding of the Friendly Society and Penny Bank allows Mr. Slime to displace Mr. Creighton as the most powerful man in the village, and the youth G. becomes a high school teacher in Trinidad. For 10 points, name this Barbadian author of *In the Castle of My Skin*.

ANSWER: George **Lamming**

019-14-67-05121



1. Clarence Dickinson's rediscovery of this composer's work inspired Henry Cowell's *Hymn and Fuguing Tune* series. For 10 points each:

[10] Name this early American choral composer whose books *The Singing Master's Assistant* and *The New England Psalm Singer* include tunes like "Africa" and "David's Lamentation."

ANSWER: William **Billings**

[10] Billings wrote "Let tyrants shake their iron rod / And Slav'ry clank her galling chains" in "Chester," an anthem for this conflict. It was nearly as popular among Americans as "Yankee Doodle."

ANSWER: **American Revolution** [or **Revolutionary War**; prompt on "revolution"]

[10] Many of Billings's choral pieces are found in compilations like *The Sacred Harp* which use this kind of notation, often used as a teaching device. In this notation, scale degrees have note heads.

ANSWER: **shape notes**

237-14-67-05201

2. This book analyzes an episode in which the author saw a whitish scab in the mouth and on the shoulder of a woman named Irma, owing to an injection of trimethylamine from an unclean needle. For 10 points each:

[10] Name this book by Sigmund Freud which analyzes the title phenomena as a form of wish fulfillment.

ANSWER: *The **Interpretation of Dreams*** [or *Die **Traumdeutung***]

[10] This husband of Susan Sontag criticized Freud and Carl Jung for replacing the religious man with the hedonistic psychological man in works like *The Triumph of the Therapeutic* and *Freud: The Mind of the Moralizer*.

ANSWER: Philip **Rieff**

[10] Rieff also criticized this student of Freud, who argued that Nazism rose due to sexual repression in *The Mass Psychology of Fascism*. He also had wacky ideas about accumulating a cosmic life force called orgone.

ANSWER: Wilhelm **Reich**

237-14-67-05202

3. 2000 members of this group who claimed to be brave were given garlands and then slaughtered in one incident. For 10 points each:

[10] Name this group that served as Sparta's slaves.

ANSWER: **helots**

[10] This Spartan institution's main purpose was to kill helots. Many people consider it a precursor to guerrilla warfare because its members were kept in small groups and had to hide a lot.

ANSWER: **Krypteia** [or **Crypteia**]

[10] Most of the helots lived in this region of Greece where the helot revolt of 464 BCE was based. The revolt almost succeeded due to a massive earthquake and the helots hiding away in the fortress of Ithome.

ANSWER: **Messenia** [or **Messinia**]

250-14-67-05203

4. This philosopher denied that "the logical space of reasons" could be mapped onto basic physical properties. For 10 points each:

[10] Name this author who attacked the idea that empirical knowledge rests upon a base of non-inferential knowledge, which he dubbed "the Myth of the Given" in "Empiricism and the Philosophy of Mind."

ANSWER: Wilfrid Stalker **Sellars**

[10] Sellars aimed to reconcile this picture of the world, derived from empirical observation, with a parallel view that describes the world as it appears to us. Bas van Fraassen introduced constructive empiricism in a book named for this term.

ANSWER: the **scientific image** of man [accept "Philosophy and the **Scientific Image** of Man"]

[10] Sellars compared his own philosophical project this German philosopher's attempts to bridge the noumenon and the phenomenon through transcendental idealism. He also argued for the existence of synthetic a priori truths.

ANSWER: Immanuel **Kant**

237-14-67-05204

5.

The protagonist of this play sagely remarks "A man brags about his penis, however small" after his daughter appears wearing platform shoes and lipstick. For 10 points each:

[10] Name this play, originally written in Kikuyu, in which Kiguunda ultimately loses his land and Gathoni makes the title declaration before wedding the son of a shoe factory owner.

ANSWER: ***I Will Marry When I Want*** [or ***Ngaahika Ndeenda: Ithaako ria ngerekano***]

[10] *I Will Marry When I Want* was authored by two Kenyan authors with this last. The more famous author with this name also wrote *Grain of Wheat* and *Petals of Blood*.

ANSWER: **Ngugi** wa Thiong'o

[10] This object is an important symbol in *I Will Marry When I Want*. It portentously falls off the wall on the first entrance of Ahab and Jezebel.

ANSWER: the title **deed**

252-14-67-05205

6. Identify some critically lauded videogames of 2013, for 10 points each.

[10] This game designed by Lucas Pope casts you as a border agent in the nation of Arstotzka. You have to do things like look for EZIC agents and decide when to accept bribes.

ANSWER: ***Papers, Please***

[10] The 15 page long Wikipedia article on "List of accolades received by [this game]" has it winning Cheat Code Central's 7th Annual Cody Award for Best Xbox Game. You play as a former Pinkerton named Booker DeWitt in this game, which it set in the city of Columbia in 1912.

ANSWER: ***Bioshock: Infinite***

[10] This best Ouya game was acclaimed for its use of local coop where each player try to kill each other with a finite supply of arrows in its battle royale mode. It was developed by Matt Thorson, and an expanded "Ascension" edition made it to PS4 and Steam.

ANSWER: ***Towerfall: Ascension***

094-14-67-05206



7. This character carries a plaid sheet of fabric when she goes shopping one day, leading Dan Puma's film professor to surmise that she is "always trapped in grids". For 10 points each:

[10] Name this character in a Chantal Ackerman directed film who takes care of her son Sylvain by becoming a prostitute and likes to cook potatoes and meat a lot.

ANSWER: **Jeanne Dielman** [or Jeanne **Dielman**]

[10] *Jeanne Dielman* is known these kinds of shots which are also a hallmark of Jim Jarmusch's films. Although frequently paired with camera movement, *Jeanne Dielman* features no camera movement at all.

ANSWER: **sequence** shots [or **long takes**; do not accept "long shot"]

[10] Ackerman's *Jean Dielman* was probably an inspiration for this director of *Lost in Translation*. This woman is also the daughter of the director of *Apocalypse Now*.

ANSWER: Sofia **Coppola**

250-14-67-05207

8. Unlike a related "chymo" form, it cleaves proteins at the carboxylic side of lysine and arginine residues. For 10 points each:

[10] Name this digestive enzyme released by the pancreas as a zymogen. Its Asp-189 residue confers its specificity for basic amino acids.

ANSWER: **trypsin** [prompt on "trypsinogen" as we want the active form]

[10] When trypsinogen enters the duodenum, it is converted to its active form trypsin by this brush border enzyme, a serine protease.

ANSWER: **enterokinase** [or **enteropeptidase**]

[10] These are the glands from which enterokinase is secreted. These glands contain Paneth cells at their bases which play a role in fighting off bacteria.

ANSWER: **crypts** of Lieberkuhn

245-14-67-05208

9. These groupings include the Bobo Ashanti and the Twelve Tribes of Israel. For 10 points each:

[10] Give this term used in Rastafarianism for roughly the concept of "denominations."

ANSWER: **mansions**

[10] The Bobo Ashanti hold that, while Haile Selassie is the Rastafarian god, this founder of the White Star Line and back-to-Africa activist is the prophet.

ANSWER: Marcus **Garvey**

[10] Rastafarianism developed out of the "Constructive Gaathly" movement led by this author of the Holy Piby.

ANSWER: Robert Athlyi **Rogers**

019-14-67-05209

10. This document opens by condemning the male as an incomplete female due to his degenerate Y chromosome, and it criticizes Daddy's Girls for boosting Daddy's ego. For 10 points each:

[10] Name this radical feminist document from 1967, which advocates overthrowing the government, destroying the money system, and killing men except for those inducted into the Men's Auxiliary through Turd Sessions.

ANSWER: **SCUM Manifesto** [or **Society for Cutting Up Men Manifesto**]

[10] This author of the *SCUM Manifesto* shot Andy Warhol and Mario Anaya after Warhol allegedly lost her play *Up Your Ass*.

ANSWER: Valerie Jean **Solanas**

[10] The *SCUM Manifesto* was criticized by more moderate feminists, including this first president of the National Organization of Women whose most influential book confronts "the problem that has no name."

ANSWER: Betty **Friedan**

237-14-67-05210

11. The area of this figure is calculated as one half the Jarlskog invariant. For 10 points each:  
[10] Name this construct generated by three of the parameters in the CKM matrix. Its area gives the degree of CP violation.

ANSWER: **unitary triangle**

[10] This large collaboration located at SLAC near Stanford investigates CP violation by experimentally modifying the parameters of the unitary triangle and thus the CKM matrix. It is named for a particle that combines a bottom antiquark with a non-bottom, non-top quark.

ANSWER: **BaBar** experiment

[10] The BaBar experiment aims to study this fundamental force, whose CP violation was also studied by monitoring the decay of Cobalt-60 atoms by Wu.

ANSWER: **weak** force

245-14-67-05211

12. Generation of this microstructure requires sufficiently rapid cooling to avoid the impurities ferrite and cementite, for 10 points each:

[10] Name this phase of steel that is produced from the quenching of austenite. Its body-centred tetragonal crystal structure contributes to its low ductility.

ANSWER: **martensite**

[10] Martensite's low ductility can be overcome via this process, where it is heated to several hundred degrees to precipitate out excess carbide.

ANSWER: **tempering**

[10] Martensite also describes the structure of a stainless steel alloy. Stainless steel is made of iron, carbon and this element which reacts with air to form a rust-resistant oxide coating.

ANSWER: **chromium** [or **Cr**]

245-14-67-05212

13. This event was led by Arthur "Slim" Evans and was stopped in Regina. For 10 points each:

[10] Name this event that took place in Depression-era Canada. It was organized by the Relief Camp Workers Union.

ANSWER: **On-To-Ottawa** Trek [accept **On-To-Ottawa** March; accept other equivalents for march or trek]

[10] This "elite" Canadian police force stopped the On-To-Ottawa Trek. This unit wears funny hats and killed a bunch of people during a coal strike in Estevan, Saskatchewan.

ANSWER: **Royal Canadian Mounted Police** [accept **RCMP**; accept **Mounties**]

[10] The On-To-Ottawa Trek targeted this Canadian prime minister. This guy's nickname was "Iron-Heel," cars that had horses attached to them for lack of gasoline were known as his "buggies" and he was obviously swept out of office by Mackenzie King's Liberals in 1935.

ANSWER: Richard Bedford **Bennett** [accept First Viscount **Bennett**]

250-14-67-05213

14. Identify the following about literary critic Leslie Fielder, for 10 points each.

[10] Fielder made his reputation with an essay on the homoeroticism in this novel between the title character and Jim, as they travel on a raft.

ANSWER: *The Adventures of Huckleberry Finn* [or *Huck Finn*]

[10] Fielder argued that this man's magnum opus was "Nobody talking in garbled and half-understood tongues ... about nothing at all." Fielder also explored the influence of Whitman in this author's collection, *Lustra*, which contains poems like "The Return".

ANSWER: Ezra **Pound** [or Ezra Weston Loomis **Pound**]

[10] Fielder dubiously argued that this Faulkner novel was "the essence, the very center of his achievement". In this novel, the bootlegger Popeye rapes Temple with a corn cob and kills both Red and Tommy. It was followed by the semi-sequel, *Requiem for a Nun*.

ANSWER: *Sanctuary*

094-14-67-05214

15. This poet's drama *Vienna* is about the 1934 Austrian socialist uprising. For 10 points each:

[10] Name this British left-wing poet of "I Think Continually," "Daybreak," and "O Night O Trembling Night."

ANSWER: Stephen **Spender**

[10] Spender was a member of the Auden group along with this author of *Mr. Norris Changes Trains* and *The Berlin Stories*.

ANSWER: Christopher **Isherwood**

[10] This fellow member of the group was a Virgil translator whose poetry collections *The Whispering Root* and *A Time to Dance* earned him the Poet Laureateship of Britain in 1968.

ANSWER: Cecil **Day-Lewis**

019-14-67-05215

16. This man's curly hair is rendered with a hard pencil, while the distinction in material between his jacket and his shirt collar owes to the different hardness of the pencil used. For 10 points each:

[10] Identify this subject of an 1819 portrait who holds a violin and a bow.

ANSWER: Niccolo **Paganini**

[10] The pencil drawing of Niccolo Paganini was executed by this champion of line over color who painted *The Grand Odalisque* and *The Apotheosis of Homer*.

ANSWER: Jean Auguste Dominique **Ingres**

[10] The Devil and a jester juggling skulls appear alongside Paganini on his deathbed in a portrait of the musician by this German member of the Capitalist Realism movement. He also created *Higher Beings Commanded: Paint the Upper-Right Corner Black!*

ANSWER: Sigmar **Polke**

094-14-67-05216

17. A ratio test based on values of this kind of function for nested models is the subject of Wilks' Theorem. For 10 points each:

[10] Name this kind of function which, for a model and a set of parameter values, evaluates the probability of the observed data given those parameter values.

ANSWER: **likelihood** function [accept maximum **likelihood**]

[10] Wilks' theorem demonstrates that the negative log-likelihood ratio asymptotically approaches this distribution. This distribution, whose only parameter is degrees of freedom, is often used in goodness-of-fit tests.

ANSWER: central **chi-squared** distribution

[10] This measure of model fit is equivalent to two times the number of parameters minus two times log maximum likelihood. It differs from a similar Bayesian measure by penalizing less for extra parameters.

ANSWER: **Akaike information criterion** [or **AIC**]

237-14-67-05217

18. One bishop of this church got bad publicity for kicking and slapping a statue of Our Lady Aparecida on this church's TV station, Rede Record. For 10 points each:

[10] Name this church founded in 1977 by Bishop Edir Macedo. It is affiliated with prosperity theology and in 2009 was charged, but not convicted, of fraud.

ANSWER: **Universal Church of the Kingdom of God** [or **Igreja Universal do Reino de Deus**; or **UCKG**; or **IURD**]

[10] The Universal Church of the Kingdom of God is from this country, where Our Lady Aparecida is the patron saint. UCKG has been accused of hatred towards syncretic religions like Candomblé and Umbanda from this country.

ANSWER: Federative Republic of **Brazil** [or República Federativa do **Brasil**]

[10] The UCKG is an offshoot of this Christian renewal movement that emerged out of the Holiness movement through events like the Azusa Street Revival. It argues that baptism with the Holy Spirit is a second work of grace.

ANSWER: neo-**Pentecostalism**

237-14-67-05218

19. The protagonist of this novel hears an Oscar Wilde quote about sin and decides to base her life on it. For 10 points each:

[10] Name this 1954 novel in which Cecile tries to stop Anne from marrying her father Raymond, accidentally driving Anne to suicide following the return of Raymond's prior mistress Elsa.

ANSWER: **Bonjour Tristesse** [or **Hello Sadness**]

[10] This author of *That Mad Ache* and *Goodbye Again* wrote *Bonjour Tristesse* at age eighteen.

ANSWER: Françoise **Sagan**

[10] While travelling in the U.S., Sagan often took road trips with this writer, who created Joel Knox in *Other Voices, Other Rooms*.

ANSWER: Truman **Capote**

019-14-67-05219

20. This man's murder prompted the so-called Aventine Secession, in which the opposition withdrew from the Chamber of Deputies in protest. For 10 points each:

[10] Identify this Italian Socialist who was killed in 1924, prompting a namesake crisis. Three of his assassins were finally sent to prison after World War II.

ANSWER: Giacomo **Matteotti**

[10] Matteotti was killed following his publication of this book in 1924.

ANSWER: *The **Fascisti Exposed**: A Year of Fascist Domination*

[10] Mauro Canali has argued that this man ordered the killing of Matteotti because Matteotti had discovered the bribes he received from Sinclair Oil. This Fascist leader took personal responsibility for the murder and challenged his critics to do anything about it.

ANSWER: Benito **Mussolini**

094-14-67-05220

21. An Anne Elizabeth Morse article on the "triumph" of this company was titled "The Vertically Integrated Rape Joke". For 10 points each:

[10] Identify this media company whose CEO is Shane Smith, and which is fond of pulling stunts like setting homeless people on fire and running fake stories about Osama bin Laden being discovered. It now has a series on HBO.

ANSWER: **Vice**

[10] Vice gained a lot of publicity for filming the basketball diplomacy between this former Bulls forward and Kim Jong-un.

ANSWER: Dennis (Keith) **Rodman**

[10] Before joining up with News Corp., Vice hired a lookalike of *News of the World* editor Rebekah Brooks to "identity hack David Cameron's crush" during these proceedings on the phone-hacking scandal. The two thousand page report issued by this body in November 2012 called for replacing the Press Complaints Commission and beefing up the Data Protection Act.

ANSWER: **Leveson** Inquiry

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