

2013 ACF Regionals: Transmitido en Quizbowlese ("This man while traveling through the woods found bathing in a stream the naked goddess Artemis")

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Packet by Editors 2 ft. Auroni Gupta

1. Samuel Johnson said "Where there is leisure for fiction there is little grief" in his condemnation of this poem. The central event of this poem is described as "killing as the canker to the rose". Its speaker asks for our "frail thoughts" to "dally with false surmise" to "interpose a little ease". This poem calls fame the "last infirmity of noble mind". In this poem, a "two-handed engine" standing ready to smite is described by the Pilot of the Galilean Sea. This poem instructs an angel to "melt with ruth" and to "look homeward". In its opening lines, its speaker presents the image of plucking the berries of myrtle and shattering its leaves. The conclusion of this poem instructs us to "Weep no more" for the title character, who is described as "the Genius of the Shore" and who drowned in the Irish Sea. For 10 points, name this pastoral elegy written for Edward King by John Milton.

ANSWER: "Lycidas"

2. The opening chord of Stravinsky's Symphony of Psalms unusually emphasizes the scale degree of this number. Gliere's symphony of this number depicts the adventures of Ilya Muromets. An ascending melodic minor scale and a major scale differ only on the scale degree of this number. Glazunov orchestrated two movements of Borodin's symphony of this number, which remained unfinished at Borodin's death. Brahms's symphony of this number features an F-A-F motif. Part of Copland's symphony of this number was reworked into his *Fanfare for the Common Man*. Beethoven's symphony of this number has a false entrance for horn in the recapitulation of its first movement, has a second movement funeral march, and was originally dedicated to Napoleon. For 10 points, name this number of the Eroica Symphony.

ANSWER: 3 [accept words forms like "Third"]

3. Supporters of this effort published a sheet of 98 "do's and don'ts" that oddly remained ubiquitous for decades. One notable partisan of this effort was effectively raised in seclusion with only a dog as a friend and later became infamous for leading public shamings to promote it, yet paradoxically pushed for a mainstreaming reduction in *matres lectiones*. This effort's success triggered protests against a new research university, the Technion. The main architect of this effort preferred a synthesized "Total" form that incorporated the "Market" blend of medieval bastardization, Germanic influence, and Ladino. It proceeded in waves corresponding to the major *aliyot*, and spread from an initial focus on elementary schools throughout the entire Yihuv. Championed by Eliezer Ben-Yehuda, this effort was helped by the kibbutz system and the fact that recent immigrants lacked a lingua franca. For 10 points, identify this unprecedented socio-linguistic campaign responsible for new generations of native speakers in cities like Tel Aviv and Jerusalem.

ANSWER: Revival of the Hebrew Language [accept equivalents; prompt if anyone makes an ill-advised buzz with "Zionism" or other political/cultural efforts, but the clues are all specific to the language campaign]

4. In a potentially useful reaction, this compound was cleaved homolytically by a three-coordinate molybdenum (III) complex. A carbonic intermediate is formed from the release of this substance in the first step of the Wolff rearrangement. The Sandmeyer reactions involve the release of this molecule after it is freed from diazonium compounds. Iron promoted with potassium, calcium, silicon, or aluminum oxide is used in reaction chambers instead of the traditional osmium in a reaction in which this compound is the reactant. Biologically, sixteen equivalents of ATP are hydrolyzed in converting this compound to ammonia in a process carried out by legumes. For 10 points, name this diatomic compound whose strong triple bond is broken during a namesake type of fixation.

ANSWER: dinitrogen gas [or N₂]

5. One character in this work marks a passage about snubbing in a volume of Proust and gives it as a gift to a character who did not invite him to a birthday party. One scene in this novel intercuts a scene of two characters flipping channels on the TV with a scene of those characters' daughter returning home from a blind date and drowning. While suffering a heart attack, one character in this novel has a vision of a white fountain. One of this novel's sections begins and possibly ends with the death of a waxwing bird that flies into a windowpane. This novel's main thread is interrupted by descriptions of the approach of the assassin Jakob Gradus and suggestions that the narrator is the exiled king of Zembla. For 10 points, name this extended commentary by Charles Kinbote on the title 999-line poem by John Shade, a novel by Vladimir Nabokov.

ANSWER: Pale Fire

6. King Carlos III ordered a room installed in the Royal Palace of Aranjuez with walls made entirely of this substance. This substance is the major product of the French town of Saint-Cloud, while other towns in France produce a tin-based alternative to this called *faïence*. A Japanese form of this material made in Arita is called Inari. Kaolinite is the main component in this substance, which Ehrenfried von Tschirnhaus was the first European to successfully manufacture. The leading factory in Germany for producing this was centered near Dresden, in the town of Meissen. Josiah Spode developed a method of using bone-ash to make this substance, which comes in soft-paste and hard-paste forms. The city of Delft created an imitation of the Chinese blue-and-white form of pottery made from this substance. For 10 points, name this ceramic material used to make china.

ANSWER: **porcelain** [accept "china" before mentioned; prompt on "pottery" or "ceramics"]

7. One of these works mentions Italian immigrants in Brazil and Argentina, where they achieved “success and the comfort of good living, and good citizenship.” Another closes by recounting that when Andrew Jackson died and someone asked “Will he go to Heaven?” the reply was, “He will if he wants to.” CBS reporter Harry Butcher named these works, the direct inspiration for a speech that Jimmy Carter delivered while wearing a memorable wool cardigan. The “Star-Spangled Banner” played after each of these thirty works was delivered. The first of them was given on a bank holiday proclaimed by their deliverer, who explained in very simple terms how banks worked. For 10 points, name these evening radio addresses made to the American public during the Great Depression by FDR.

ANSWER: **fireside chats** [accept, until the giveaway, answers indicating **Franklin Delano Roosevelt’s evening speeches** to the American public over radio; prompt on **speeches of Franklin Delano Roosevelt**]

8. The losing commander at this clash tragically misinterpreted the phrase “has a battle taken place yet?” as sarcastic ridicule from his sovereign, whom he had telegraphed begging for peace negotiations. Fighting bogged down around Swiep Forest in this battle, whose result prevented Archduke Albrecht from pursuing his victory at Custoza. The losers here refused to directly transfer Venetia to Italy, forcing Napoleon III to act as a middleman. In the months after this battle, France ordered mass production of the *Chassepot* to match an invention of Johann von Dreyse that used breech loading and a firing pin to give the victors at this clash a major advantage. Followed by the Peace of Prague this loss for von Benedek saw able use made of railroad lines and the needle gun by the elder Von Moltke. For 10 points, name this 1866 battle in Bohemia that ended the Austro-Prussian War.

ANSWER: Battle of **Koniggratz** [or Battle of **Sadowa**; or apparently something called **Hradec Kralove**]

9. One example of these things was made from HBsAg isolated from human plasma. One method of producing these things involves growth in chorioallantoic membrane. These things can be prepared by purifying capsular polysaccharides. By far the most important developer of these things was Maurice Hilleman. Administration of these things has the potential to cause anaphylaxis or an Arthus-type reaction. Agents included with these things that increase their effectiveness, most commonly aluminum salts, are called adjuvants. In some cases, after a fixed period of time, they are followed by a booster. Their attenuated type is created with live viruses. For 10 points, identify these things that improve or provide immunity to a disease.

ANSWER: **vaccines**

10. Authorship of this work is credited in part to “Sosthenes our brother”. Its antepenultimate verse contains the only Biblical appearance of the phrase “Anathema Maranatha”, while its first chapter claims that a certain image presents “a stumbling block to Jews and foolishness to Gentiles”. This book asserts that, since “the woman is the glory of the man”, women should keep their heads covered while praying. In its most famous section, its author notes that “when I became a man, I put away childish things”, and it likens Heaven as understood by the living to looking “through a glass, darkly”. A certain concept is described as patient and kind, but not envious, in its thirteenth chapter, which also notes that “faith, hope, and love abide”, and “the greatest of these is love”. For 10 points, identify this epistle, the earliest one written by Paul to a church he founded in Greece.

ANSWER: **1 Corinthians** [or St. Paul’s **First** Epistle to the **Corinthians**; prompt on “Corinthians” or other partial answers]

11. This topic should be transformed from an ontological inquiry to an enquiry into heuristic principles according to Collingwood’s work *An Essay on* [it]. Carnap argued that all statements made for this topic are rendered meaningless through the logical analysis of language. Philosophy affords us knowledge of a reality transcending the world of common sense and science according to the thesis named for this topic, which is disputed in *Language*,

Truth, and Logic, which calls for the elimination of this topic. This topic was branched into universal science, natural theology, and ontology in a work which referred to it as “first philosophy,” written by Aristotle. For 10 points, name this philosophical topic concerned with the nature of being and the world.

ANSWER: metaphysics [accept first philosophy until mentioned]

12. In one play by this author, a character admits that he missed the moment when his mother died because he was watching a fly swim in a glass of water. In one play by him, one character is summoned to the stage by actresses hanging up their hats and mantles on clothes-pegs. This author wrote a play in which a child shoots himself behind a tree when a baby is discovered drowned in a fountain. In one play by him, Francesco and Doro nearly duel over their differing interpretations of the love affairs of Delia Morello. The Step-Daughter is discovered at Madame Pace's establishment in a play by him in which a rehearsal of "Mixing It Up" is interrupted when the Father begs the Manager to let his family tell their story on the stage. For 10 points, name this Italian playwright of *Each in His Own Way* and *Six Characters in Search of an Author*.

ANSWER: Luigi Pirandello

13. Credit for this action was disputed between Thomas Lanphier and Rex Barber, although further investigations eventually favored Barber's claim. Planned by John Mitchell on the orders of Marc Mitscher, it occurred in the wake of Operation I-GO and was launched from Henderson Field and concluded over Bougainville with the downing of two Bettys by a pair of P-38s. Codenamed Operation Vengeance, its source was attributed to coastwatchers but it actually originated with a briefing from Commander Edwin Layton to Admiral Nimitz regarding a break in the Magic cryptanalysis program that revealed the itinerary of its target. For 10 points, name this military action in which U.S. Navy pilots targeted and shot down the commander of the Imperial Japanese Navy.

ANSWER: The killing of Admiral Isoroku Yamamoto [accept equivalents]

14. Potential energy curves corresponding to electronic states of the same this cannot cross. In quantum mechanics, Wigner showed that this type of operation is always represented by a unitary or antiunitary transformation. Also in QM, operations of this type must be a norm-preserving bijection from a Hilbert space of states to itself. When this concept is applied to an action of a system, a corresponding conservation law is produced according to Noether's theorem. Nambu-Goldstone bosons are characteristics of one type of it being spontaneously broken, which is how the Higgs mechanism imparts mass. It can be applied to charge, parity and time. For 10 points, name this concept from physics whereby certain features of physical systems are preserved during transformations.

ANSWER: symmetry transformation [or symmetry operation; or continuous symmetry]

15. A work by this composer was the basis for Symphonic Dances orchestrated by Irwin Kostal and Sid Ramin including “Mambo” and “Cha-Cha”. In one of his works, one singer depicts both Julia Grant and Lucy Hayes after the election of 1876 in “Duet for One”. Hildy the taxi driver sings “I Can Cook Too” in a work by him in which three sailors on shore leave sing “New York, New York”. The Old Lady sings “I Am Easily Assimilated” in a work by him that includes “Glitter and Be Gay”. This composer of *1600 Pennsylvania Avenue* and *On the Town* wrote the music for a work in which a character suggests that “Miss America should just resign” in “I Am Pretty”, while Tony claims there’s “music playing” if you say her name loud in the song “Maria”. That musical depicts the gang rivalry between the Sharks and the Jets. For 10 points, name this composer of *Candide* and *West Side Story*.

ANSWER: Leonard Bernstein

16. One character in this work has a mouse-trap and beehive attached to his horse, which wears anklets to guard it against shark-bites. One character in this work screams about pricking her finger on a brooch and bandages it before it happens. Like its predecessor, this work was illustrated by John Tenniel. One character in this work explains that it takes all the running one can do to keep in the same place. In a poem in this work, one character declares that "The time has come...to talk of many things" such as "cabbages and kings" while taking oysters on a walk before eating them. Another poem in this work features the Jubjub bird and the frumious Bandersnatch and sees the title creature slain with a vorpal blade. For 10 points, name this work that includes "The Walrus and the Carpenter" and "The Jabberwock" by Lewis Carroll, the sequel to *Alice's Adventures in Wonderland*.

ANSWER: Through the Looking-Glass, and What Alice Found There

17. One of this god's sons drowned while visiting Frode when he slipped and fell into a vat of mead. This owner of the horse Blodughofi was attended by Byggvir and Beyla and received the realm of Alfheim as a teething gift. One account details how his aforementioned son Fjolnir succeeds him as king in Uppsala, where he was also known as

Yngvi. This god defeated Beli with an antler after giving his magic sword, which fights all by itself, to his servant Skirnir in order to help woo the giantess Gerd; unfortunately, this leaves him weaponless at Ragnarok, where he is killed by Surtr. He arrived at Baldr's funeral on his golden boar Gullinbursti, and he also traveled on his folding ship Skidbladnir. This member of the Vanir was the son of Njord. For 10 points, identify this Norse fertility god, the brother of Freya.

ANSWER: **Freyr** ["Frey" or "Freyr", but not "Freya"]

18. The function denoted by this term is well approximated by the Schechter function. An anomalous value for the ratio of mass to this was found when the virial theorem was applied to the Coma cluster by Zwicky. This quantity can be found from the formula four times pi times the square of stellar radius times the fourth power of effective temperature times the Stefan-Boltzmann constant. This quantity is related to velocity dispersion of elliptical galaxies and the amplitude of the rotation curve of spiral galaxies in the Faber-Jackson and Tully-Fisher relationships. Henrietta Leavitt elucidated the relationship between this quantity and the period of Cepheid variables. For 10 points, identify this intrinsic or absolute brightness of an astronomical object.

ANSWER: **luminosity** [prompt on **light** or absolute **magnitude** or absolute **brightness**]

19. This man's government suffered humanitarian backlash when his colonial secretary Alfred Lyttleton sanctioned the importation of Chinese indentured labor into South African mines. This man's strict enforcement of the Coercion Laws as Chief Secretary of Ireland in the second Salisbury ministry led Irish nationalists to nickname him "bloody." One year after facing a Cabinet crisis, this man's government reached the Entente Cordiale agreement with France. This man noted that "nothing shall be done which may prejudice the civil and religious rights of existing ... communities" in a document incorporated into the Treaty of Sevres and influenced by a meeting with Chaim Weizmann while this man was Foreign Secretary. For 10 points, name this British politician who addressed Baron Rothschild in a 1917 declaration endorsing a Jewish homeland in Palestine.

ANSWER: Arthur James **Balfour**, 1st Earl of Balfour

20. This city's St. Anthony Church was the canvas for the 30-figure mural *Tuttomondo*, the last public work of Keith Haring. This city is home to a large sculpture that sports distinctive rooster wattles on its face, a piece found in Moorish Andalusia and known as this city's "Griffin." Some amazing Vasari *sgraffiti* can be found on a facade in its Knights square, while Carpeaux depicted a member of its Gherardesca family devouring his sons in the *Ugolino* group. A shipment of Golgothan dirt was supposedly used to create its Campo Santo, a cemetery that inspired the synthesis of Roman and Gothic design in its baptistery pulpit. The massive bronze doors of its *duomo* hide another pulpit with a strikingly naked Hercules, also the work of a father-and-son team who worked extensively on the Siena Cathedral named Giovanni and Nicola. A steeple in Suurhusen and Abu Dhabi's Capital Gate actually belie the title claimed by its most famous feature, the site of sixteenth-century experiment by Galileo. For 10 points, name this Italian city home to an dysfunctionally-erect "Leaning Tower."

ANSWER: **Pisa**

Tiebreaker. This author described seducing his lovers by reading to them from Rousseau's *The New Heloise* in his autobiography, which he disguised as a "novel imitating *The Vicar of Wakefield*." In one novel by this author, a woman bribes jury members for acquittal votes to make up for her false authorship of a slanderous letter about the protagonist. In that novel by him, a carpenter's son becomes the tutor of the mayor's children, but loses his job when the mayor's adversary M. Valenod uncovers his affair with the mayor's wife. This author of *The Life of Henry Brulard* is best known for his novel about a character who seduces Mathilde de la Mole, and shoots his former mistress Mme. de Renal. For 10 points, name this pseudonymous author of *The Red and the Black*.

ANSWER: **Stendhal** [or Marie-Henri **Beyle**]

1. After this artist read an original love poem to his newspaper ad-model of three weeks, she chuckled, leading him to crumple it up and promptly begin painting *Into the World There Came a Soul Called Ida*. For 10 points:

[10] Identify this artist whose resulting portrait of an old, bloated woman futilely dabbing on makeup is admittedly no more foreboding than works like *That Which I Should Have Done I Did Not Do*, which shoes a crypt door.

ANSWER: Ivan **Albright**

[10] Albright is best known for this work, which was commissioned as vital prop for an Albert Lewin adaptation a British writer's only novel.

ANSWER: *The **Picture of Dorian Gray***

[10] Albright's father, Adam Emory Albright, pretty much only painted idyllic rural scenes in stark contrast to both his son and his teacher, this painter of *The Gross Clinic*.

ANSWER: Thomas **Eakins**

2. Doctor Parcival refuses to attend to a dead child in this work's story "The Philosopher". For 10 points each:

[10] Name this work that opens with the section of "The Book of the Grotesque" and features the recurring character of George Willard.

ANSWER: ***Winesburg, Ohio***

[10] *Winesburg, Ohio* is by this American author, who purportedly died from an infection caused by swallowing a toothpick.

ANSWER: Sherwood **Anderson**

[10] The story "Hands" from *Winesburg, Ohio* concerns this character, a berry-picker who lost his job as a teacher when accused of molesting his male students.

ANSWER: **Wing Biddlebaum** [accept either; also accept **Adolph Myers**]

3. Answer these questions about the popular historical pastime of gun-running, for 10 points each:

[10] Roger Casement was unceremoniously hanged after his plan to supply this revolt with guns from Germany went disastrously awry. This 1916 uprising occurred around a certain holiday and was based in Dublin.

ANSWER: **Easter** Rising

[10] Salvador Allende's already-dicey position in Chile was damaged even further by this scandal, in which the namesake containers delivered by aircraft from a friendly regime were discovered to be filled with grenades and machine guns.

ANSWER: **Cuban Packages**

[10] The 20th century's most prolific arms merchant is undoubtedly this Armenian, whose diverse clients ranged from dictators to leftist guerillas to NATO. He was the primary means of US arming of Iraq in the Iran-Iraq war.

ANSWER: Sarkis **Soghanalian**

4. One feature of this location is named for a woman who treacherously provided access to the Sabines in exchange for what she thought would be their bracelets--instead, the Sabines crushed her to death with their shields. For 10 points each:

[10] Identify this location, home to the Tarpeian Rock. It was also home to a group of geese sacred to Juno, whose loud honking warned the Romans of an attack by Gauls several centuries later.

ANSWER: the **Capitoline** Hill [prompt on "Rome"]

[10] The Capitoline Hill was one of the Seven Hills of Rome, which was founded on the Palatine Hill by this brother of Remus, who was later deified as Quirinus.

ANSWER: **Romulus**

[10] The Palatine Hill was also the site of the celebration of this mid-February festival, which was dedicated to the she-wolf who suckled Romulus and Remus in a namesake cave.

ANSWER: the **Lupercalia**

5. Answer the following about Hilbert's 23 problems, for 10 points each:

[10] The densest packing of this shape is the subject of the 18th problem, whose proof was assisted by computers. It has a volume of four-thirds times pi times radius cubed.

ANSWER: **sphere**

[10] The 10th problem, concerning the solubility of Diophantine equations being decidable, was worked on by this female mathematician, who reduced it to showing the existence of a Diophantine set such that for u and v in the set, v is less than or equal to u to the u, but for every k greater than zero, v is greater than u to the k.

ANSWER: Julia Hall Bowman **Robinson**

[10] Confirmation of the above hypothesis and the actual negative proof of the 10th problem was due to this mathematician, who succeeded in building a Diophantine representation of an exponentially growing function.

ANSWER: Yuri Vladimirovich **Matiyasevich**

6. Answer the following about minority demographics in China, for 10 points each:

[10] This tenth largest ethnic group in China lives in a namesake “autonomous region.” The most famous person of this ethnicity, Tenzin Gyatso, lives in exile in India as the current Dalai Lama.

ANSWER: **Tibetans** [or **Bodpa**; or **Zang Zu**]

[10] This unrecognized ethnic group has maintained a presence in the city of Kaifeng – and essentially nowhere else in China – for at least a millennium. Their only still-evident mark of cultural separateness is in dietary practice.

ANSWER: Chinese **Jews** [or Kaifeng **Jews**; or **Yahadut Mizra**]

[10] Like the Kaifeng Jews, this Chinese ethnic group is identified by its aversion to eating pork. They live mostly in Qinghai, Gansu, and other provinces along the historic Silk Road, and are related to the Dungan.

ANSWER: **Hui** [or **Huizu**; do not accept “Huihui” or “Chinese Muslims” which is very much not an ethnic group]

7. The first two quatrains in this form are usually rhymed a-b-b-a. For 10 points each:

[10] Name this 14-line form, which is broken into an octave and a sestet.

ANSWER: **Petrarchan Sonnet** [or **Italian Sonnet**; prompt on “sonnet”; do NOT accept or prompt on “Shakespearean sonnet” or “English sonnet”]

[10] The Petrarchan Sonnet was introduced into English by translations by Henry Howard, Earl of Surrey and this other Renaissance poet, who allegorized Anne Boleyn as a hind in “Whoso list to hunt”.

ANSWER: Thomas **Wyatt**

[10] This poet imagined being a “Pagan suckled in a creed outworn” in his Petrarchan sonnet “The world is too much with us”. He is better known for describing some daffodils in “I wandered lonely as a cloud”

ANSWER: William **Wordsworth**

8. Answer the following about American labor violence, for 10 points each:

[10] A 1914 strike by the United Mine Workers of America was brutally suppressed after a mixed unit of private mercenaries and state National Guard descended on the makeshift tents at this Colorado site. 11 Children were killed.

ANSWER: **Ludlow** Massacre

[10] In this West Virginia incident that also targeted the UMW, Baldwin-Felts detectives were caught using phony warrants to arrest strikers by the local chief of police, who they also then tried to arrest. Violence ensued.

ANSWER: Battle of **Matewan**

[10] 30 strikers died during this more famous labor dispute, which was ended by troops ordered by Grover Cleveland into the namesake rail car company town in Illinois.

ANSWER: **Pullman** Strike

9. This process proceeds via the opening of NMDA glutamate receptors and L type voltage-gated channels, triggering a cascade that inserts additional AMPA receptors. For 10 points each:

[10] Name this form of synaptic plasticity, a prolonged enhancement of signal transmission between two neurons. It is an attractive candidate for explaining learning and memory at the cellular level.

ANSWER: **long-term potentiation** [or **LTP**]

[10] Synaptic transmission is enhanced in LTP when this ion enters through the L type voltage-gated channels. Parathyroid hormone increases the blood concentration of this ion by triggering its release from bone.

ANSWER: **calcium** ion [or **Ca²⁺**]

[10] Extracellular calcium ions are required for contraction in this type of muscle, whose individual cells are connected by intercalated discs. Their action potentials last for relatively long periods of time.

ANSWER: **cardiac** muscle [or **heart** muscle]

10. In his major work, this thinker used Quechua and other Amerindian languages to theorize that even human conceptualization of logic and mathematics depends on emotional engagement with the world. For 10 points each:

[10] Identify this philosopher who described expressive, representative, and significative function in a work about symbolic perception.

ANSWER: Ernst **Cassirer**

[10] Cassirer is a scholar of this thinker, who wrote *Perpetual Peace* and *Critique of Pure Reason*.

ANSWER: Immanuel **Kant**

[10] Cassirer wrote about *The Myth of* [this entity], which describes his concern that it will increasingly make use of

mythological narratives and dynamics to seek power. Weber's *Politics as Vocation* contains a famous definition of this entity as holding a monopoly on the legitimate use of force.

ANSWER: the **State**

11. This author's character Quincas Borba appears in his *The Posthumous Memoirs of Bras Cubas* and *Philosopher or Dog?*. For 10 points each:

[10] Name this author who wrote about a man who suspects the fidelity of his wife, Capitú, in *Dom Casmurro*.

ANSWER: (Joaquim Maria) **Machado de Assis** [or Bruxo do **Cosme Velho**]

[10] Machado de Assis hails from this Portuguese-speaking nation.

ANSWER: Federative Republic of **Brazil**

[10] This Brazilian Jewish writer of *A Breath of Life* wrote about the title character's existential crisis after killing a cockroach in *The Passion According to G.H.*

ANSWER: Clarice **Lispector**

12. This group was given a territorial grant centered around the city of Latakia by the French, and obtained official recognition as part of the Shia *ummah* thanks to a reluctant Musa Sadr in the 1970s. For 10 points each:

[10] Identify this national group whose most effective leader, Hafez al-Assad, asserted their rule over their country's Sunni majority in campaigns like the Hama massacre.

ANSWER: **Alawites** [or **Nusayris**; or **Ansaris**]

[10] The Alawites still control this Middle Eastern country, which is being systematically transformed into an uninhabitable hellscape by Bashar al-Assad.

ANSWER: **Syrian** Arab Republic

[10] Hafez rose to power by joining with Salah Jadid to found the Military Committee that saved the Ba'ath party from annihilation in the 1960s. The party was originally founded by Salah al-Din al-Bitar and this Orthodox Christian, who was ignored by military leaders during the 8 March Coup.

ANSWER: Michel **Aflaq**

13. Answer the following about that most riveting of organic chemistry topics, IUPAC nomenclature. For 10 points each:

[10] The functional group with the highest priority in determining the suffix of a compound is not, in fact, the carboxylic acid, but is instead these ions, which bear positive charge. Ammonium is one such example.

ANSWER: **cation**

[10] This is the name given to a substituent group derived from an alkane by the removal of a hydrogen atom. They are usually represented with the symbol "R."

ANSWER: **alkyl** group

[10] Suppose you've got four complex, multi-substituted substituents on your organic compound. What amusingly named prefix would you include before enclosing the substituent in parentheses?

ANSWER: **tetrakis**

14. The fifth of these pieces is subtitled "Héroïde Élégiacque". For 10 points each:

[10] Name this set of nineteen virtuoso piano pieces, the ninth of which is subtitled "Carnival in Pest". The most famous is the second one in C-sharp minor.

ANSWER: **Hungarian Rhapsodies**

[10] The *Hungarian Rhapsodies* are by this 19th-century Hungarian pianist and composer.

ANSWER: Franz (Ritter von) **Liszt** [or **Liszt** Ferencz]

[10] Many of the *Hungarian Rhapsodies*, including the second, take the form of this Hungarian folk dance, which begins with a slow *lassan* section, followed by a faster *friska*.

ANSWER: **csárdás** [or **czárdás**]

15. For five points each, are the following statements true of Rastafarianism, Pastafarianism, both, or neither? ...just kidding. Name these North American saints, for 10 points each.

[10] A shrine in Emmitsburg, Maryland commemorates the first American-born saint, who shares this given name with the mother of John the Baptist. The latter woman was visited by Mary in the inventively-named Visitation.

ANSWER: St. **Elizabeth** [or **Elizabeth** Ann Seton]

[10] This Belgian-born priest, like his assistant Marianne Cope, was sainted for his work in the leper colonies on Molokai.

ANSWER: Father **Damien** [or St. **Damien** of Molokai; or Jozef de **Veuster**]

[10] The first Native American born in the modern-day United States to achieve sainthood was this “Lily of the Mohawks”, who was shunned by her tribe for converting to Catholicism. She is the patron saint of ecology.

ANSWER: St. **Kateri Tekakwitha** [accept either underlined portion; accept **Catherine**]

16. One song with this title set the bar for literary references in rap when Jalil suggests that “it’s better to have loved and to have lost/Than to never have loved at all.” For 10 points each:

[10] Give this title, shared by a 1986 Whodini hit and a track off *Illmatic* whose speaker dictates a letter to an incarcerated friend who was there for him “when push came to shove.”

ANSWER: **“One Love”**

[10] “One Love” and the rest of *Illmatic* was composed by this East coast rapper who feuded with fellow New Yorker Jay-Z. His other albums include *It Was Written* and *Hip Hop Is Dead*.

ANSWER: **Nas** [or Nasir bin Olu **Dara Jones**; accept either underlined name]

[10] The beat from Nas’s track “One Love” was produced by Q-Tip, who, along Phife Dawg, was part of this hip hop group behind such great songs as “Bonita Applebum,” “Can I Kick It?” and “Award Tour.”

ANSWER: A **Tribe Called Quest**

17. He wrote of Josef Gross's attempts to get the title document translated in *The Memorandum*. For 10 points each:

[10] Name this playwright who wrote about Hugo Pludek's encounters with members of the Liquidation Office in *The Garden Party*.

ANSWER: Vaclav **Havel**

[10] Havel wrote most of his works in this nation, and served as its final president, before it split into two different nations in 1993.

ANSWER: **Czechoslovakia**

[10] A certain Czech-born playwright reflected the political turmoils of Czechoslovakia from the 60's through the 90's in this play about the Velvet Underground-loving activist Jan and his communist Cambridge professor Max.

ANSWER: **Rock 'n' Roll**

18. The ratio of stress to this quantity is the definition of Young's modulus. For 10 points each:

[10] Identify this quantity defined as the ratio of change in length to original length.

ANSWER: **strain** [prompt on **deformation**]

[10] This quantity is the negative ratio of transverse to axial strain. It positive for most materials.

ANSWER: **Poisson's** ratio

[10] This class of materials has a negative Poisson's ratio, which means they get fatter when pulled. The first known materials in this class were foam-like structures.

ANSWER: **auxetic** materials

19. The murder of Robert de Comines sparked this campaign, which claimed 100,000 lives from starvation according to some sources. For 10 points each:

[10] Name this campaign of violence launched by England's recently-installed Norman rulers, aimed at quelling uppity Northumbrian and Mercian earls Morcar and Edwin.

ANSWER: **Harrying of the North** [or **Harrowing of the North**]

[10] The Harrying of the North was ordered by this first Norman king of England a few years after he won the Battle of Hastings.

ANSWER: **William the Conqueror** [or **William I**; or **William the Bastard**; or **William II of Normandy**; do not accept or prompt on “William II”; prompt on **William**]

[10] This man, who built Durham Castle and helped organize the Domesday Book, was one of several powerful bishops who advised William. He benefited after his rivals, Lafranc and Odo of Bayeux, got into a dispute that became the Trial of Penenden Heath.

ANSWER: William de **St. Calais** [or **St. Carileph**]

20. The longest portion of this work is the “Book of Peace,” or Shanti Parva. For 10 points each:

[10] Name this Sanskrit epic written by Vyasa, much of which focuses on the Pandava prince Arjuna.

ANSWER: **Mahabharata**

[10] Because the Pandavas lose a dice game, this happens to them. In the *Ramayana*, Kaikeyi attempts to control the

succession to the throne of Ayodhya by forcing it upon King Dasaratha's son.

ANSWER: **exile** to a forest [in both cases, serendipitously; also accept **banishment**]

[10] In the *Mahabharata*, this third clan who all claimed descent from a namesake mystical king nearly destroy themselves in a civil war soon after their old capital, Dvaraka, is submerged in the sea.