

**Sun 'n Fun IX:** The Medusa Laughs Again, Or Avoiding the Curse of the Ninth...we hope  
Packets by Ahmad Ragab et. al

### Round 3

#### Tossups:

1.[AR] We learn that before he was married, the parents of the main character's wife insisted that they see Lieutenant Mamiya. An earlier version of the first chapter appears in the author's short story collection, *The Elephant Vanishes*. In this novel, the narrator-protagonist consults a pair of psychics Malta and Creta, in order to help him find something, and notably they end up visiting him in his dreams as often as he runs into them in reality. Other characters that help him on his search include the mother/son pair Nutmeg and Cinnamon. Beginning when Toru Okada goes looking for his wife's missing cat, for 10 points, identify this novel the title of which refers to an unseen mechanical creature whose cry is a harbinger of evil, by Haruki Murakami.

ANSWER: *The Wind-Up Bird Chronicle*

2.[AR]John Vincent Atanasoff is credited with the first actual implementation of this design concept. It had evolved out of meetings at the Moore School of Engineering at UPenn. It is especially susceptible to buffer overflows that can smash the call stack, and another drawback is its eponymous bottleneck. Its central innovation was the implementation of an instruction set that did not require fixed designs to execute programs. Arising from its namesake's paper, "*First Draft of a Report on the EDVAC*," it differs from more modern systems in that it cannot simultaneously read/write data or read an instruction as in most parallel architectures. For 10 points, identify this eponymous stored-program computer design named after a Hungarian developer of game theory.

ANSWER: von Neumann Architecture [accept sequential architecture before "namesake's" and prompt on stored-program computer]

3.[AN]Gamespot claimed the first game of this series was the most influential console role playing game of all time and that almost all of today's RPG's have roots in its gameplay. The game was so popular in Japan that they had to change their release dates to weekends to placate the complaints of work absenteeism and truancy. It was also the first game to have its music played live by an orchestra. Recurring monsters include, drakes, mummies, shadows and most famously, slimes and the title creature. The first three installments are referred to as the Eldrick trilogy in the original North American release and the fourth through sixth are called the Zenthia trilogy. For 10 points, identify this RPG series originally released as Dragon Warrior in the US.

ANSWER: Dragon Quest [accept Dragon Warrior before it is mentioned]

4.[AR] This man served as a diplomat at the Valteline War and the Mantuan War of succession. He was recommended to his best-known position upon being able to effect a reoccupation of Sedan in 1641. During an assembly of bishops, he added executive force to the decrees of Innocent X, ordering Pascal's *Provincial Letters* to be burnt-partially motivated by his own anti-Jansenist stance, because of their support of de Retz. He held the title of Bishop of Metz, despite some speculation he was secretly married to Anne of Austria, though he did continue the policies of his predecessor against the House of Austria. For 10 points, name this chief minister under Louis XIII and Louis XIV who succeeded Cardinal Richelieu.

ANSWER: Cardinal Mazarin

5.[AR]In the third chapter, entitled "The Accentuated Fiction," its author suggests the only real antithesis around which the title subject revolves is that of "man--women." Split into two parts, a Theoretical and Practical Part; its author associates psychic overcompensation with a somatic form of a concept that often forms a complex in the

psyche. Its author suggests that prostitution, criminality and homosexuality represent the failures to overcome that concept and he defines the titular subject's teleology as that which seeks to convert certain feelings of incompleteness to completeness or superiority. For 10 points name this 1912 work which discusses the psychoneuroses that occur in the title makeup of an individual struggling to overcome feelings of inferiority written by Alfred Adler.

ANSWER: *The Neurotic Character* [or *The Neurotic Constitution* or *Über den nervösen Charakter*]

6.[AR]Studies conducted by Gilbert and Muller-Hill showed that after purifying its namesake repressor encoded by *i*, and found that it bound to a 30 base-pair region of DNA spanning the transcription initiation site, consistent with the location of *o*. In mixed environments, the catabolite gene-activator protein or CAP does not activate transcription for this until depressed glucose levels triggers the production of cyclic-AMP, which binds to the activator protein. Encoding for a permease, a transacetylase and a beta-galactosidase in *E. coli*, for 10 points, name this set of three adjacently linked multigene units that include a promoter and regulator, which code for the enzymes that act sequentially in the regulation of hydrolysis of a disaccharide to glucose and galactose, identified by Jacob and Monod.

ANSWER: Lac Operon

7.[AR]In a book by Kevin Kelly, *Out of Control*, the author devotes a chapter to the setting of this short story. This short story's author acknowledges that he himself got the idea from a work by Kurd Lasswitz. The narrator offers in a note that suicide and pulmonary disease have been the main causes of death at his place of employment. One debate was settled when it was discovered that the language of a particular text was in fact a Samoyedic Lithuanian dialect of Guarani, with classic Arabian inflections. A number of volumes that the narrator is proud to have under his administration include *The Combed Thunderclap* and the *Axaxaxas mlo*. Composed of an indefinite or even infinite number of hexagonal galleries, for 10 points, name this short story by Jorge Louis Borges about a large biblioteca.

ANSWER: "Library of Babel"

8.[AR]Admiral Woodward and co-author Patrick Robinson's account of this war is titled, *The Hundred Days*, after the approximate length of the conflict. The *USS Phoenix*, one of the surviving ships during Pearl Harbor, was the first major naval loss during this conflict, renamed the *General Belgrano*, leading to the infamous *Sun* headline of "GOTCHA" the following day. Triggered when the military junta led by Galtieri attempted to divert public animus by occupying South Georgia convinced that the opposing side in this conflict would not respond so drastically; however, Margaret Thatcher's swift response likely ensured her victory in general elections the next year. For 10 points, name this 1982 war fought over some islands between Argentina and the United Kingdom.

ANSWER: Falklands Island War

9.[AR]He got his start playing in Teddy Hill's house band at Minton's Playhouse, and there he would work with the likes of Nick Fenton and Kenny Clarke. His time at Riverside Records were his most productive and he recorded his first solo compositions on the 1956 LP *Brilliant Corners*. His music was often considered "too difficult," Riverside attempted to bring him to a wider audience by having him play a "themed" record, where he would provide his own interpretations to the work of Duke Ellington. Appearing on the cover of *Time* in 1964, which discussed his singular sojourn in Europe, his move to Columbia records was marked with decreased output but with albums including 1968's *Underground*, featuring the unique waltz-time piece "Ugly Betty." For 10 points, name this jazz pianist with a singular improvisational style best known for his recordings of *Round Midnight* and *Straight, No Chaser*.

ANSWER: Theolonius Sphere Monk

10.[AR]Certain criticisms regarding the modern mathematical model of this phenomenon launched by so-called Gilbertians assume at least some partial rigidity. Despite these criticisms, the Hayford-Bowie model accurately predicts gravitational anomalies that are directly related to topographical features. A precursor explanation of this concept was given by the Finnish scientist Aleksanteri Heiskanen, which represented a compromise between two other earlier hypotheses. According to calculations, the imaginary mathematical line central to this principle, called the "depth of compensation" occurs about 70 miles below the surface of the earth. The two earlier hypotheses originally developed in the mid-19th century, differed on whether the central structure had uniform density, the Pratt and Airy hypotheses. Coined by Clarence Dutton, for 10 points, name this tendency of the earth's crust to seek equilibrium

ANSWER: **Isostasy**

11.[RF]After he obtained a visa to Chile from Pablo Neruda, he created *Death to the Invader*, the first of many of his works to feature the Aztec ruler Cuauhtémoc. His concern with technology and the future figures in his works *Man The Master, Not the Slave, of Technology* and *Apologia for the Future Victory of Medicine over Cancer*. While working on *From the Dictatorship of Porfirio Diaz to the Revolution*, a government commission for the Chapultepec Palace, he was arrested and later convicted of "social dissolution", prompted worldwide protests from fellow artists. While imprisoned, he planned his *The March of Humanity On Earth and Toward the Cosmos*, which was installed in a building which bears his name on the eve of the 1968 Olympic Games in Mexico City. Participating in the first, failed assassination attempt on Leon Trotsky, for 10 points, name this member of the trio of major Mexican 20th century muralists, along with José Clemente Orozco and Diego Rivera.

ANSWER: David Alfaro **Siqueiros**

12.[AR]For liminoids, the primary bitter component in sweet citrus fruits, the spraying of this along with the exposure to bromine vapor is part of a rapid thin-layer-chromatography detection system. This can also be used in the proof of the selectivity of the metallization of sugar-modified DNA strands. The Schiff Test, which uses Fuchsin, tests for the presence of the same compound as this. And like Fehling's solution, it can be used to detect the presence of formic acid but unlike Fehling's solution, this can test for aliphatic or aromatic types of a certain compound. Its most common usage is in the silver mirror test where it detects for the presence of ketones or aldehydes. Usually ammoniacal silver nitrate, for 10 points, name this eponymous reagent named after its German discoverer.

ANSWER: **Tollens'** Reagent

13.[AR]It is postulated that Herbert Lionel Hart's two-volume collected *Essays on Bentham*, and *Essays on Jurisprudence and Philosophy* were published in a specific manner in homage to this work. Written shortly after the author returned to a teaching position at Cambridge, the second volume begins with a discussion of how Augustine described his learning of language and the first begins by analyzing the notion of an "ostensive definition" by beginning with the question "What is the meaning of a word?" Collected from lecture notes given beginning in 1933, the author only made three copies and they were passed around among his friends. Created to help the author's students understand the work that would eventually become his *Philosophical investigations*, for 10 points, name these multicolored texts written by Ludwig Wittgenstein.

ANSWER: **The Blue and Brown Books**

14.[AR]The Spaceguard Survey has calculated that an asteroid, named after the Hellenized version of this figure might strike earth in April 2036. Belief in the existence of this figure was initially attested to in the Middle

Kingdom, and in some myths he taunts Set for losing his testicles in a fight, a taunt that results in his destruction according to *The Egyptian Book of the Dead*. In the seventh hour of the night, it is said he will swallow the barque of his sworn enemy, though Set and Mehen cut a hole in this demon to let the barque out. Created outside of order or Ma'at, for 10 points, name this demon god of chaos and darkness, represented as a water-snake and the Enemy of Ra.

ANSWER: **Apep**

15.[AR]Zeno did ask this person's usurper to restore this person's predecessor back to power but his usurper ignored those instructions. He likely spent his last days at the country-home built by the elder Scipio, Lucullus Villa. The Greeks in their histories acknowledged his disgrace by calling him Momyllus. His father, a secretary to Atilla the Hun named Orestes, had his predecessor, Julius Nespos, deposed and chased him to Ravenna and this man acknowledged as ruler. This man abdicated himself less than a year later, when Odoacer sent him packing to Campania on an Imperial pension in 476. For 10 points, name this last emperor of the West often given a contemptible diminutive surname.

ANSWER: **Romulus Augustus** [accept **Romulus Augustulus**]

16.[AR] The last couplet in each sextet of the fourth song implores, "Take me to thee, and thee to me/No, No, No, No, my Deare, let bee," and the first sonnet which begins this work states, "Loving in truth, and fayne in verse my love to show/That she, deare Shee, might take som pleasure of my paine." Making somewhat free use of the Petrarchian form, this English-language work of poetry, a version of which first appeared in 1591 but was later corrected by the author's sister the Countess of Pembroke, included a preface by Thomas Nashe "wherein the excellence of sweet poesy is concluded." Consisting of 108 sonnets and 11 songs authoritatively arranged in its author's folio of *Arcadia*, for 10 points, name this 1598 work of poetry about a "star lover" and the object of his affection a work of Sir Philip Sydney.

ANSWER: **"Astrophel and Stella"**

17.[AR]In rejecting the authority of the Vedas, the *Tattvarthadhigama Sutra*, or *Discourse on the Nature of Things* retains this concept, which according to the text is restricted from its potentiality by polluting karmic dust. According to the six orthodox schools of Hinduism, it is not associated with Brahman, and Isvara, a metaphysically composite god-concept in Hinduism, is not responsible for its creation; but is responsible for reconstituting it during each cycle on the wheel of samsara. In some cases, these are described by what guna dominates, these gunas condition it and tie this to the wheel and they must be pierced if one is to attain moksha. Its distinction from atman is subtle, and while they both come from the Sanskrit root words for "breath," this concept refers to the living existent of an individual rather than the "self," for 10 points, name this Indian Religious concept similar to the soul.

ANSWER: **jiva**

18.[AR] In a chronicle that describes this event, the author places the blame on the seventh ruler of the house who had entrusted the leadership to inexperienced wives and nuns such as Lady Tomiko. A poem on a wall indicated that the once-beaten Hatakeyama would sow the seeds of dissension the next spring. The assassination of Yoshinori 25 years prior is seen as a precursor of this event as it led to the destabilization of the central Bakufu and the beginning of the enmity between the houses of Akamatsu and Yamana. In the Shokoku-ji enclosure a major battle took place near the Goryo Shrine. Leading to the Sengoku or Warring States period, for 10 points, name this civil war involving branches of Ashikaga shogunate during Muromachi period Japan.

ANSWER: **Onin** War

19.[AR]The unfinished works *The English Mail-Coach* and *Suspiria de Profundis* were intended to be sequels to this work. Initially, serially published in the *London Magazine*, in the revised 1856 edition the work includes many of the names that were left blank in the first edition, including the Lake Poets and their associates. The author of "On the Knocking at the Gate of Macbeth," in this work cites Awsiter, an apothecary to Greenwich Hospital to suggest that the fascinating powers of the title substance are unwillingly admitted by medical practitioners for fear of mass usage greater than that of the Turks. For 10 points, name this autobiographical account of laudanum addiction written in 1822 by Thomas De Quincey.

ANSWER: *Confessions of an English Opium Eater*

20.[AR]Currently, an art consortium known as Henry VIII's Wives is endeavoring to build this project piecemeal around the world. Its central architectural feature represented the dialectical process of resolving problems; the main cylinder, reserved for lectures and meetings, was to rotate on its axis once a year, while its topmost cube rotated on its axis once a day and was to be its information center. When it was first presented, the model was operated by a boy turning a crank handle symbolizing both the new spirit and the proletarian effort that this structure would celebrate. Intended to stand approximately 400m high, the sheer amount of steel required would have likely bankrupted the country in which it was located. Never built, For 10 points, name this edifice dedicated to the Comintern designed by Vladimir Taitlin.

ANSWER: **Monument to the Third International**[accept **Taitlin's Tower** before architect is mentioned]

TB. [AR]In an attempt to distract the protagonist, a character sings "Amour! viens aider ma faiblesse," suggesting that love's onslaught will not be put-at-bay by the protagonist's strength. At the end of Act II, the aria "Mon coeur s'ouvre à ta voix" quickly becomes a duet as the title character is soon to be ensnared by the other title character's trap. Earlier in Act I, the satrap of Gaza taunts the Israelites with "Ce Dieu que votre voix implore," and soon thereafter Abimelech is killed. During the famous "Bacchanale" sequence the High Priest of Dagon and the female title character deride the recently shorn protagonist. With libretto by Ferdinand Lemaire and set in the land of Israel, for 10 points, name this three act opera about the two title characters whose story is recounted in the Book of Judges, by Camille Saint-Saens.

ANSWER: *Samson and Delilah*

TB.[JR] Leaving his dissertation unfinished, this man instead opted to use his talents as a historical researcher to dig up dirt on political opponents. This continued until he found a skeleton in the closet of a childhood friend who ended up committing suicide when the scandal was revealed. The subsequent murder of his political patron and the circumstances surrounding it led him to rethink his belief that no individual can be responsible for the consequences of an action amid the chaos of history. For 10 points, name this literary character, who, born an aristocrat, turned his back on his genteel upbringing to become Willie Stark's right-hand man in *All the King's Men*.

ANSWER: **Jack Burden** [Accept either underlined name]

**Bonuses:**

[AR]It is just FUNN and games after all, name these items related to a particular philosopher and her works, for 10 points each:

[10]In the Continental Tradition, this work discusses the necessity of establishing the female speaking position as a counter position to the universal male, and that women writing about Women will help bring about a remarking of writing.

ANSWER: *The Laugh of the Medusa*

[10]Name this author of *The Laugh of the Medusa*, this post-structuralist feminist thinker is also well known for her essay "Sorties."

ANSWER: Helene **Cixous** (See-shou)

[10]So the gist behind this set of essays by Cixous is that writing, the kind writing exchanged in the masculine economy, has literally and literarily marked the body of women as the title suggests.

ANSWER: **Stigmata**

[AR]Their structure was essentially discovered by Gortel and Grendel in a 1925 experiment, for 10 points:

[10]Discovered when dissolving the cell membrane of erythrocytes, they noted that the area covered by this dissolved membrane was twice the surface area of the red blood cells.

ANSWER: **Lipid bilayer** membrane [accept **phospholipid bilayer**]

[10]Phospholipids, which are commonly found in lipid bilayers, possess this property whereby these molecules possess hydrophilic heads and hydrophobic tails

ANSWER: **Amphiphilic**

[10]This type of bond represents the bond between the diglyceride and the phosphate group in a phospholipid, it is also the bond between fatty acids and glycerol indicative of true fats.

ANSWER: **ester linkage** [accept **ester bond**]

[AR]This writer's work *Kafka's Other Trial* examined that author's tension between middle-class comfort and splendid isolation, for 10 points:

[10]Name this Bulgarian-born, Sephardic Jewish, German-Language 1981 Nobel Laureate in literature.

ANSWER: Elias **Canetti**

[10]This best known novel of Elias Canetti concerns a 40 year-old philologist, sinologist and bibliophile Peter Klein who is bamboozled by his housekeeper Therese Krummholz.

ANSWER: **Auto-da-fe**

[10] In this non-fiction work of Canetti's he discusses soccer riots, political rallies, and the pilgrimage to Mecca in an attempt to understand the social construction of the first title concept and how particular individuals like Hitler are able to control large groups of people.

ANSWER: **Crowds and Power**

[JB] Jim Baker just re-read Mark Spitz's oral history of L.A. punk, "*We Got the Neutron Bomb*". So, for 10 points each, answer some questions about that scene.

[10] Billed as "heavy metal schoolgirls" by Kim Fowley, this band played one of their first gigs at L.A.'s infamous Whisky A-Go-Go in September, 1975. Their most enduring song, "Cherry Bomb", was written specifically for lead singer Cherie Currie by Joan Jett.

ANSWER: The **Runaways**

[10] They sold out the Greek Theatre without a record deal in 1981 --- after reading the lyrics to "Johnny Hit and Run Pauline", Ray Manzarek of The Doors decided to pursue this band, ultimately getting them signed to Slash records, and producing their debut, *Los Angeles*.

ANSWER: **X**

[10] In *We Got the Neutron Bomb*, Henry Rollins states that this band "never really figured into [his] thinking". Nevertheless, Jane Wiedlin, Kathy Valentine, Charlotte Caffey and company made it to the cover of Rolling Stone in 1982, after selling hundreds of thousands of copies of their 1981 debut, *Beauty and the Beat*.

ANSWER: The **Go-Go's**

[AR]Answer the following about a paradox, for 10 points each:

[10]Its namesake calculated that for a small hypothetical protein of 100 residues, the amount of time it would take to randomly try out all of its conformations during protein folding would be approximately  $10^{27}$  years while in actuality it takes less than a minute to reach its native conformation.

ANSWER: **Levinthal's Paradox**

[10]Levinthal's Paradox is an example of this complexity class of computational theory in which the solution can be easily checked for correctness as the native conformation is easy to deduce and the same solving algorithm can be used to solve all other problems of the same complexity class

ANSWER: **NP-Complete**

[10]This dogma the namesake of a 1972 Nobel Prize in Chemistry suggests that the native structure of a protein only depends on the initial amino acid sequence and that native structure meets three conditions of uniqueness, stability and kinetic accessibility-thus suggesting protein folding does not occur along random lines

ANSWER: **Anfinsen's Dogma**

[AR]President Wilson warned against "Hyphenated Americans" after WWI, for 10 points each name these things related to finding them.

[10]These series of inquisitions sanctioned by the recently passed Espionage Act, and conducted by the then U.S. Attorney General was designed to seek out radical leftists and anarchists.

ANSWER: **Palmer Raids**

[10]This doubly hyphenated American, Jewish-Lithuanian, was imprisoned for her anti-conscriptionist agitation, she founded the leftist journal *Mother Earth* and was eventually deported under the Anarchist Exclusion Act.

ANSWER: Emma **Goldman**

[10]This horse-drawn wagon attack on a financial institution on September 20th, 1920 was thought to have perpetrated by the insurrectionist anarchist group the Galleanists and was the height of the anarchist scare.

ANSWER: **Wall Street** Bombing

[RF]Identify these performance artists, for 10 points each:

[10] This German artist, obsessed with felt and lard, opened his first solo show in 1965 with the infamous performance *How to Explain Pictures to a Dead Hare*, which is exactly like it sounds: he carried a dead rabbit around the gallery explaining paintings to it.

ANSWER: Joseph **Beuys**

[10] In the NEA controversies of the 1980s, she was criticized for her performances which featured her nude body smeared with chocolate and yams. She is the namesake of a Supreme Court case in which she and three others sued the NEA for cutting their funding.

ANSWER: Karen **Finley**

[10] This performance artist leads the San Francisco troupe La Poche Nostra and was the first Mexican-American to win a McArthur Genius Grant. His work deals with Latino stereotypes, immigration, and US-Mexican relations.

ANSWER: Guillermo **Gómez-Peña**

[AR]Critical of the Fabian strategy employed by this conspiracy's target, for 10 points:

[10]Name this group that sought to have General George Washington replaced by Horatio Gates as head of the Continental Army during the abysmal autumn of 1777.

ANSWER: **Conway Cabal**

[10]Members of the so-called Cabal included members of Congress, military officers, and this, "Father of American Medicine," a signer of the Declaration of Independence and the reconciler of John Adams and Thomas Jefferson.

ANSWER: Dr. Benjamin **Rush**

[10]Thomas Conway, the namesake of the Cabal sent a rather self-congratulatory letter requesting his promotion to major general after his able performance at this September 11, 1777 battle near Chadds Ford, Pennsylvania.

ANSWER: Battle of the **Brandywine**

[AR]It occurs at 1420.40575 MHz, for 10 points:

[10]Name this spectral line that occurs as a result of small perturbations of the energy levels of a neutral atom of hydrogen, commonly "heard" in the interstellar medium.

ANSWER: **21cm** (21 centimeter) line

[10]The small perturbations that generate the 21 cm line in hydrogen is due to this structure of atoms as a result of the magnetic dipole-dipole interaction between the nucleus and an orbiting electron.

ANSWER: **hyperfine splitting** [or **hyperfine structure**]

[10]Due to its accuracy, this unit is defined as 9,192,631,770 cycles of the hyperfine structure transition frequency of the ground state of cesium-133 atoms.

ANSWER: **second**

[AR]He states in *Image, Music, Text* that the death of the author is the birth of the reader, for 10 points:

[10]Name this French literary critic, philosopher and bitchin' semiotician author of such works as the *Empire of Signs* and *Camera Lucida*

ANSWER: Roland **Barthes**

[10]In *S/Z*, Barthes structurally analyzes this novella by a 19th century French novelist and playwright, and lays out five categories of codes of meaning from which to understand the central tension between the masculine title character and the feminine La Zambinella.

ANSWER: "**Sarrasine**"

[10]"Sarrasine" was included in *Scenes of Parisian Life* which is a section of this long cycle of interconnected novels which includes *La Cousin Bette* and *Le Pere Goriot*.

ANSWER: The **Human Comedy** [or **La Comedie Humaine**]

[AR]It was developed by a UPenn professor, and focuses on issues such as "Authentic Happiness," for 10 points:

[10]Name this branch of psychology that was developed in order to deal with the systematic bias in the study of psychology that focused on disorder rather than wellness

ANSWER: **Positive** Psychology

[10]This is that professor the director of the Positive Psychology Center at UPenn and scientist of happiness.

ANSWER: Martin **Seligman**

[10]Seligman's more "traditional", unhappy research led to the development of this theory in 1960's when he conducted experiments on the Pavlovian response and discovered that a sufficiently conditioned dog would not jump out of shuttlebox upon receiving a shock.

ANSWER: "**learned helplessness**"

[AR] Martin Scorsese is in production for a 2010 theatrical film release of this novel which won the 1966 Tanizaki Prize, for 10 points:

[10]Give this novel which tells the story of a 17th century Portuguese missionary who has come to visit Japan after the defeat of the Shimabara rebellion and subsequent persecution of Catholics; its title refers to God's apparent lack

of response to the suffering of his flock.

ANSWER: **Silence**

[10]*Silence* was written by this 20th century Japanese Catholic author, he is often compared favorably to Graham Greene, and is the author of such other works as *Scandal* and the biography *A Life of Jesus*.

ANSWER: Shusaku **Endo**

[10]This is the main character of Shusaku Endo's *Silence*, most of the story is told in letters written by this Jesuit missionary later in the work he leaves his fellow missionary Francisco Garpe to tour the countryside and to struggle with the moral ambiguity of God's response.

ANSWER: Sebastian **Rodrigues**

[AR]Answer the following about a pair of non-linear differential equations, for 10 points each:

[10]Used for modeling dynamic biological systems, name this doubly eponymous set of equations also known as the predator-prey equations.

ANSWER: **Lotka-Volterra** Equations

[10]In order find the stable population points predicted by the Lotka-Volterra equations one must set the determinate of this matrix, which places all of the first-order partial derivatives of a vector-valued function equal to zero.

ANSWER: **Jacobian** Matrix

[10]Typically, the solutions to the Lotka-Volterra equations have periodic solutions defined by trigonometric functions; if certain linearization assumptions are made the solutions resemble this type of motion with predator and prey offset by a phase difference of 90 degrees.

ANSWER: **simple harmonic motion**

[AR]It arose out of the Baronial Crisis beginning in 1258, for 10 points:

[10]Name this document that imposed a set of reforms on Henry III and established a fifteen-man privy council.

ANSWER: **Provisions of Oxford**

[10]The Provisions of Oxford were drawn up under the leadership of this reform minded 6th Earl of Leicester, the son of a French nobleman he would for a short period be the de facto ruler of England, he died at the Battle of Evesham during the Second Baron's War

ANSWER: Simon **de Montfort**

[10]The Provisions of Oxford were later amended and superseded by this 1259 document that made further political and social reforms.

ANSWER: **Provisions of Westminster**

[AR]In an episode of the round table discussion, John McLaughlin suggests that Death and not this title entity comes in on little cat feet, for 10 points each:

[10]Name this poem in which the title protagonist sits "on silent haunches/and then moves on."

ANSWER: "**The Fog**"

[10]"The Fog" was written by this American author of a Pulitzer Prize winning six-volume biography of Abraham Lincoln, as well as the children's story collection *Rootabaga Stories*.

ANSWER: Carl **Sandburg**

[10]Sandburg's "The Fog" appears in the Handfuls section of this 1916 book of poetry, which also includes a short poem about "Jan Kubilek" a Czech violinist and composer. The collection is named after one of his poems in which the speaker accuses the title location claiming, "I have seen your painted women under the gas lamps luring the farm boys."

ANSWER: **Chicago Poems**

[AR]Described in the Iliad this scene sparked controversy about the ethical nature of the gods, not all the other craziness but this scene, for 10 points:

[10]First described in Book 14, this machination was meant to give an advantage to the Greeks in the Trojan War.

ANSWER: **Dios Apate** [**Seduction of Zeus** or **Deception of Zeus**]

[10]The Dios Apate was temporarily successful because Hera, borrowing Aphrodite's girdle, was able to seduce that horn-dog Zeus in a golden cloud near this mountain.

ANSWER: Mount **Ida**

[10]Because Zeus is such a smooth operator, he tells Hera that none of his other conquests, which he proceeds to list, have made him as excited as he is right now, as punishment Hera forces Zeus to let this warrior die at the hands of Patroclus in response, Zeus weeps tears of blood.

ANSWER: **Sarpedon**

[AR]It was founded by Shivaji Bhonsle, for 10 points each:

[10]Name this Hindu Empire that annexed a portion Mughal Empire in 1674, their name derives from a caste of Kshatriya warriors

ANSWER: **Maratha** Empire

[10]The Maratha Empire fought this war that was ended by the Treaty of Salbai in 1782 with the then Governor-General Warren Hastings.

ANSWER: First **Anglo-Maratha** War

[10]The decline of the Empire was begun by this battle the third major battle fought at this site, between the Ahmad Abdali an Afghan ruler of the Durrani empire, Ibrahim Lodi also lost here in 1526

ANSWER: Third Battle of **Panipat**

[AR]This concept from a Chinese Religion is at best ontologically multifarious, for 10 points:

[10]It is described by the author of the eponymous text as something that is known cannot be this, the character which represents this means "way," or "path"

ANSWER: **Tao** or **Dao**

[10]Within Daoism this concept lies in contrast to Taiji, and is identified with the Dao as void-like.

ANSWER: **Wuji**

[10]In a state of Wuji the founder of this Taoist sect claimed that Laozi came to him and asked form the chosen people, this group founded during the Han Dynasty required the titular donation to be made to join

ANSWER: **Five Pecks of Rice**

[AR]This architect's building has been a church, a mosque and is now a museum, for 10 points:

[10]Name this Milesian architect who along with Anthemius of Tralles design a multi-use building located in Istanbul

ANSWER: **Isidore** of Miletus

[10]This is what that Isidore of Miletus built; it was rebuilt from an older structure under the command of Justinian I

ANSWER: **Hagia Sophia**

[10]Sultan Mehmed II ordered the Hagia Sophia to be converted to a mosque, later this architect of the Suleiman Mosque was asked to make further refinements and additions.

ANSWER: Koca Mirmar **Sinan** Aga

[EO] Name these Cole Porter musicals, For 10 points each:

[10] This musical is about Hope Harcourt and her engagement to Sir Evelyn Oakleigh while being in love with a broker named Billy Crocker. Famous songs include: Blow, Gabriel, Blow; and You're The Top, as well as the title song that claims "In olden days a glimpse of stocking was looked on as something shocking".

ANSWER: **Anything Goes**

[10] Fred Graham and his ex-wife Lilli Vanessi are cast as Petruchio and Katherine in a musical version of *The Taming of the Shrew*. Meanwhile, Fred's current girlfriend, Lois, is seeing Bill on the side. When Bill gambles away money of Fred's, two gangsters come and join the cast, singing that they should "Brush Up Their Shakespeare"; while Lilli channels her anger into "I Hate Men" during the performance.

ANSWER: **Kiss Me, Kate**

[10] Hatcheck attendant Louis Blore is in love with nightclub singer May Daly, who is in love with Alex Barton, who is in a miserable marriage. Louis, attempting to slip Alex a drugged drink, knocks himself out and dreams that he is King Louis the XV of France. The more famous songs include: Friendship, Do I Love You, and It Was Written in the Stars. The film version starred Red Skelton, Lucille Ball, and Gene Kelly.

ANSWER: **Dubarry was a Lady**