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

Round 8

## **Tossups:**

1.[AR]The name of Quentin Taratino's production company, A Band Apart, is a minor variation on the title of film directed by this man. In 2008 a critical biography, *Everything is Cinema*, was written and in it the author compares the director in critical importance to Picasso and analyzes some of his later movies including *First Name: Carmen*, *Hail Mary* and *Detective*. Susan Sontag devotes a section of *Against Interpretation*, to analyzing his film *Vivre sa vie* and calls it "a perfect film." Writing articles in *Cahiers du Cinema* with Truffaut, in his best known film Michel played by Jean Bellmondo, styles himself after Bogart and after shooting a policeman in the countryside tries to hideout in Paris with his American girlfriend, who sells the New York Herald on the street, played by Jean Seberg. For 10 points, name this French New Wave director of *Breathless*.

ANSWER: Jean-Luc Godard

2.[AR]Raup in 1975 claims in order to utilize the negative survivorship curve at the center of this effect one must assume that there exists a stable age distribution. Coined by Van Valen in 1973, one of the primary consequences of this supposition is that it provides evolutionary legitimization for sexual reproduction to fight off disease. Its primary formulation states, "For an evolutionary system, continuing development is needed just in order to maintain its fitness relative to the systems it is co-evolving with." For 10 points, name this hypothesis that suggests that constant evolutionary change may be required in order to avoid extinction named after a character who must continually run to stand still in a work by Lewis Carroll.

ANSWER: Red Queen Hypothesis or Effect

3.[AR]This man is satirized in a play as Demetrius Fannius and is described as "a simple fellow and a dresser of plays." Peeved, this author offered a rejoinder to that play *The Poetasters* by writing *Satiromastix* in collaboration with John Marston. Eventually he and Ben Jonson resolved their differences and ended the "War of the Threatres" when they collaborated on the play *The King's Entertainment*. Later in his career, he wrote a number of prose pamphlets including *The Wonderful Year* about the effects of the plague. Though primarily a writer of comedies and tragicomedies, he assisted in the tragedies *Lust's Dominion* and *The Virgin Marytr* with Philip Massinger. A frequent collaborator with Middleton on such works as *The Honest Whore* and *The Roaring Girl*, for 10 points, name this Elizabethan playwright of *The Shoemaker's Holiday or The Gentle Craft*.

ANSWER: Thomas **Dekker** 

4.[JR] It was started by Christopher Carley of the Fordham Company but ran into funding problems and was taken over by Irish developer Garrett Kelleher and Shelbourne Development. Designed by Santiago Calatrava to be resistant to swaying, it is being constructed so that air currents will be directed upward instead of down at pedestrians. It will be located along the lake front west of Navy Pier, northeast of the Loop, in the Streeterville neighborhood of the Near North Side. For 10 points, name this engineering marvel, destined to be the world's tallest residential building upon its completion in 2011.

ANSWER: The Chicago Spire

5.[AR]The author of *A Cup of Coffee with My Interrogators* wrote a manifesto in favor of this slogan. That manifesto, *The Two Thousand Words*, calls for the resignation of those who would seek to end the reforms this fiveword phrase implies. The denoted prepositional modification was to be enacted by the Action Program, with such highlights, as the increased of the freedom of the press and the end of democratic centralism. Announced at the

Presidium of the Communist Party of Czechoslovakia in 1968, for 10 points, name this five-word phrase that described the mitigation of the mentioned form of government, that was used in context of the political reforms of Alexander Dubcek during the Prague Spring.

ANSWER: "Socialism with a Human Face"

6.[AR]A novel by this author is compared with *Super-Cannes* by J.G. Ballard as one that describes the "terrorism of the rich" a theory formulated by Baudrillard. That novel's main protagonist is an intellectually challenged fashion supermodel and the son of a U.S. senator, Victor Johnson, who in one scene blows up a Café with a bomb in a Prada bag. Along with that work *Glamorama*, *Imperial Bedrooms* is the proposed sequel to his debut novel, which takes its title from an Elvis Costello song and is about Clay an underemployed, and educated twenty-something, a character trope that appears in a number of his works. Along with *Less Than Zero*, another novel that was made into a 2002 film follows the lives of some sexually promiscuous students at Camden College. For 10 points, name this author of *Lunar Park*, *The Rules of Attraction* and *American Psycho*.

ANSWER: Bret Easton Ellis

7.[AR]Designed originally to investigate the stability of matter, it underwent an upgrade in 1985 in order to observe a different phenomenon. In November of 2001, approximately 7,000 of its photomultiplier tubes imploded in a chain reaction, and its enormous 50,000-ton water tank had to be drained; plans to have it fully rebuilt were finished in 2007. Located approximately 1,000m underground, discoveries made at this facility led to the receipt of the 2002 Nobel Prize in Physics to Masatoshi Koshiba. One of its most significant discoveries was in 1998 when it detected the existence of a mass of a particle that it first detected after Supernova 1987a. For 10 points, name this large, underground neutrino observatory located in Japan.

ANSWER: Super-Kamiokande detector [accept Super-K]

8.[AR]Y.K. Ng in a paper in response to this suggests that it can be resolved if the cardinal utility of the individual elements involved in this situation are taken into account. In the original 1970 paper in which this is introduced, its developer in order to prove the second interpretation uses the example of reading *Lady Chatterly's Lover*. That interpretation suggests the three conditions labeled, U or Unrestricted Domain, P the case where everybody's individual preference between a pair is the same and L\* could not satisfied by any social decision function. L\* is a minimal weakened form of the title concept in which the preferences of groups of individuals are the ones preferred by society. Building on the work of Kenneth Arrow, for 10 points, name this paradox of social choice theory by Amartya Sen that suggests one cannot create a Pareto optimal solution in a system of a freely chosen order of preferences.

ANSWER: Liberal Paradox

9.[RF] The Chapman Brothers' child mannequins replacing noses and mouths with penises and anuses; Damien Hirst's *The Physical Impossibility of Death in the Mind of Someone Living*, a shark suspended in formaldehyde; Tracey Emin's tent called *Everyone I Have Ever Slept with 1963-1995*; and Marcus Harvey's *Myra*, a portrait of a murderer created with children's handprints caused controversy in England, but of the works drawn from the collection of Charles Saatchi which caused the most problems at the Brooklyn Museum of Art was Chris Ofili's *The Holy Virgin Mary* decorated with elephant dung. For 10 points, , name this controversial art exhibit that caused the title occurrence and created a first amendment crisis thanks to New York mayor Rudy Giuliani.

ANSWER: **Sensation** 

10.[AR]In the preface to this work, the author divides philosophy into three parts, logic, physics, and ethics. The work itself is divided into three sections, each representing particular "transition" from one state to the next

beginning from common rationality and ending with a critique of pure practical reason. In the 1840 work *On the Basis of Morality*, Schopenhauer criticizes the author's central principle as cold and egoistic and suggests that one cannot act morally from the sense of duty alone. In order to elucidate an example of the central principle presented in this work, the author published as a supplement, *On the Supposed Right to Lie because of Philanthropic Concerns*. With the fullest and most detailed explication of the author's concept of the categorical imperative being given here, for 10 points, name this foundational work of modern ethical philosophy by Immanuel Kant. ANSWER: *Groundwork for the Metaphysics of Morals* [or *Grundlegung zur Metaphysik der Sitten* accept variations of the word Groundwork]

11.[AR+AN]The Prose Tristan states that he was defeated in battle by husband of Argan who made him build a castle for him. In another building attempt, after he founded his kingdom in Mallerstag he attempted to divert the river Eden around his castle to form a moat. Some sources say he took the name after his predecessor, Ambrosius, died. According to Geoffrey of Monmouth; however, he took his name from a creature he defeated in Westmoreland after he saw a comet while leading his men. He sieges Tintangel so that he might have the opportunity to calm his loins as he becomes obsessed with Ingraine, the wife of his vassal Gorlois, the duke of Cornwall, so and with the help of Merlin breaches the Castle and impregnates Ingraine with his future heir. For 10 point, name this mythical English King the father of King Arthur whose surname means, "head dragon."

## ANSWER: Uther Pendragon

12.[AR]Rabbinical Yahrzeits that occurred during this period include that of the Vilna Gaon and the Malbim. This time begins the tekufah of which Cheshvan and Kislev are parts and it corresponds to the camp of Ephraim. The Shemini Atzeret and Simchat Torah occur during this time and it is only period in which the Rosh Chodesh is not performed. In the Tanakh it is called yerach ha'etanim meaning, "the months of ancients," and since it occurs seven months after Nisan it is known as the most "dearest of months." Rabbi Akiva was killed on the 5th of this month, and Tzom Gedaliah occurs on the 3rd. Corresponding to the Gregorian months of September or October, major holidays in this month include Sukkot, beginning on the 15th and Yom Kippur on the 10th. For 10 points, name this first month of Jewish Calendar with of course Rosh Hashanah occurring on the first.

### ANSWER: Tishrei

13.[AR]During the Persian threat, Adimantus the Cornithian chastised this man for having no country and demanded his silence during a meeting prior to this general's greatest victory. He had one rival Epicydes bought off to insure that he would command. Previously, he had his chief rival ostracized in 483 BC, and upon becoming Archon Eponymus, he persuaded others to use the gains from the silver mines at Laurium to increase military projects. In that victory, he served along with the Spartan Eurybiades. Eventually, ostracized himself he eventually found asylum with Artaxerxes in Magnesia. Ambitious, it was said that the trophies of Miltiades would not let him sleep. Using his newly built navy to fight the inconclusive battle of Artemisium, For 10 points, name this Athenian General victor at Salamis.

## ANSWER: Themistocles

14.[AR] Leonard Cohen's "Alexandra Leaving" borrows freely from this man's "The God Abandons Anthony" and he is referred to as "the poet of the city" in Lawrence Durrell's *Alexandria Quartet*. Dividing his own work into three categories: Historical, Philosophical and Sensual, an example of the first tells the traveler to a title location not to be afraid of "Lastrygonians, Cyclops, or angry-Poseidon," in "Ithaka." Another suggests that the title group was "bored by rhetoric and public speaking," but "They were, those people, some kind of solution." For 10 points, name this Egyptian born Greek poet of "Waiting for the Barbarians."

ANSWER: Constantin P. Cavafy

15. [EO] It is the first part of a series of pieces dedicated to Mme. la Comtesse Delphine Potocka and is in the enharmonic parallel major key to the second part. It is heard in the background of the 1969 film *The Desperados* when Jack Palance and George Maharis murder the wife of Vince Edwards' character. In the Warner Brother's cartoon "Hyde and Hare", Bugs Bunny mispronounces the name of the work and its composer to comic effect. It was originally titled "Le Petit Chien", or "the little dog", because it was meant to depict a small dog chasing its tail; however, his publisher changed it, intending the title to mean "small". For 10 points, , Dr. Doom once atomized his personal orchestra when they failed to perform this piece by Frederic Chopin in exactly the ostensible titular length of time.

ANSWER: Minute Waltz

16.[AR]The Curry-Howard correspondence implies that there is a syntactic isomorphism between natural deduction and a typed variant of this model of computation. Consisting of a single transformation rule and a single function definition scheme, it was used by its creator in the 1930's to derive a negative answer to the Entscheidungsproblem and the halting problem. While Haskell, Miranda and ML are more recent examples of languages to utilize this system, Lisp was the first such language though only in its "pure" form. For 10 points, name this formal mathematical system designed by Alonzo Church the minimal basis for functional programming languages.

ANSWER: Lambda Calculus

17.[AR]Though his death was officially declared due to heart attack, Karl Maier in his book, *This House Has Fallen*, claims he died in the company of two Indian prostitutes from an overdose of Viagra. After annulling the 1993 election results, which would have made Chief Mosood Abiola, the rightful president, he seized power and declared himself president. He promised firmness and humanity in his inaugural address; however soon thereafter he had nine Ogoni dissidents from the oil-rich delta region of his country executed, including the writer Ken Saro-Wiwa. For 10 points, name this military strongman from Nigera who was de facto president from 1993-1998. ANSWER: Sani **Abacha** 

18.[AR] The author of *The Mississippi Bubble*, and *The Way of the Man*, Emerson Hough wrote a novel with this as its title. In that work, he suggests it was invented by some backwoodsmen. Its appearance in its final form probably did not appear before April 1846, though *The Dictionary of American History* states that it was coined in a speech by a Senator from Ohio, William Allen. In a satirically derisive gesture, some newspapers replaced the all letters f in it with p-h. Thus, it is unlikely that this phrase played any part in the Election of James K. Polk in 1844. For 10 points, name this latitudinal rallying slogan used in reference to the Oregon boundary dispute.

ANSWER: Fifty-Four Forty or Fight

19.[RF] "They are all gone away/there is nothing more to say" he writes in "The House on the Hill". "There was not much that was ahead of him/And there was nothing in the town below/Where strangers would have shut the many doors/That many friends had opened long ago" concludes "Mr. Flood's Party", one of the many sketches set in a fictionalized version of Gardiner, Maine called Tilbury Town. Other sketches by this author include one about a man who "Grew lean while he assailed the seasons/He wept that he was ever born" and another about "a gentleman from sole to crown/Clean favored and imperially slim". For 10 points, name this American poet of those works about a suicidal rich man and a "child of scorn", "Miniver Cheevy" and "Richard Cory".

ANSWER: Edwin Arlington Robinson

20.[AR]According to Prabu and Feller it is known as this if and only if its namesake process occurs with a discrete parameter space such as in Chung Processes. An aperiodic irreducible positive recurrent version of this is known as ergodic. Particular equations basic to the study of this, are time homogeneous when they do not depend on the initial parameter value, responsible for defining the transition probability distributions, and are known as the Chapman-Kolmogorov equations. A hierarchal arrangement of the classes of this with recurrent classes at the top and transient classes below represent the canonical representation of probability transition matrix. Its primary application is in predicting phenomena in which future states are independent of past states when the present state is known. For 10 points, name this stochastic process with that eponymous property named after its Russian developer.

ANSWER: Markov Chain

TB. [AR]Prior to WWII, he was a free-lance journalist and served as the National High School Headmaster for his country until 1947. His appointment was initially blocked by the French as he served on a committee for Algerian Independence and by the Arab nations because his country officially supported Israel; however, he managed to win unanimously upon reelection. During his tenure the Indo-Pakistani War, the Prague Spring followed by the subsequent Soviet invasion of Czechoslovakia all occurred, and he was succeeded by Kurt Waldheim as he was unable to serve a third term. Chosen after Dag Hammarskjold died in plane crash in 1961, for 10 points name this Burmese-born UN Secretary-General.

ANSWER: U Thant

TB. [JR] This book chronicling the story of a multi-generational family curse, it sweeps back and forth between Santo Domingo and Paterson, New Jersey, from the terrors of the Trujillo dictatorship to the everyday hassles of suburban life. While most of the narrative chronicles the females of the family, it is the voice of the title character that opens and closes the book. This character is a 300-pound-plus "lovesick ghetto nerd" with zero game (except for Dungeons & Dragons) who cranks out pages of fantasy fiction with the hopes of becoming a Dominican J.R.R. Tolkien. For 10 points, name this 2008 Pulitzer Prize winner in fiction by by Junot Díaz.

ANSWER: *The Brief Wondrous Life of Oscar Wao* 

#### **Bonuses:**

[AR]An advocate of "Grand Theory," he was an influential neo-functionalist American sociologist, for 10 points: [10]Name this Harvard sociologist author of *The Social System*.

ANSWER: Talcott Parsons

[10]In Talcott Parson's most recognized title, this work attempts to derive an "action theory" from his influences Weber and Pareto to establish a framework of understanding.

ANSWER: The Structure of Social Action

[10] This paradigm named after the four paradigmatic social imperative functions that underlie it seeks to explicated by what methods and processes a social system maintains equilibrium with another system such as the environment. ANSWER: <u>AGIL</u> Paradigm

[AR] Answer the following about a law from optics, for 10 points each:

[10] This law establishes a linear relationship between absorbance and the material through which electromagnetic radiation, like light, is being absorbed

ANSWER: Beer-Lambert Law

[10] The measured absorbance A in Beer's Law is usually determined by the by the path length b the concentration c and this wavelength dependent coefficient of the material.

ANSWER: molar absorptivity

[10] The linearity predicted by the Beer-Lambert law can be violated if this property, that demands that the incidence radiation be more or less composed of the same wavelength.

ANSWER: **monochromatic** [accept word variants]

[AR]In her work, "How it Feels To Be Colored Me," this author is astonished that anyone would deny themselves the pleasure of her company, for 10 points:

[10]Name this Harlem Renaissance author and anthropologist who grew up in Eatonville, Florida

ANSWER: Zora Neale Hurston

[10] Give this first published novel of Zora Neale Hurston the title of which is inspired by a verse in the Bible. It tells the story of John Pearson a minister in a small town in Florida and his relationship with his wife Lucy Potts.

ANSWER: Jonah's Gourd Vine

[10]In this much-anthologized short story of Hurston's, a washerwoman Delia Jones has to deal with her no good husband, Sykes and the rest of society as she tries to get the laundry done.

ANSWER: "Sweat"

[AR] They were drafted by Jefferson and Madison in 1798, for 10 points:

[10] Name these documents written in opposition to the Alien and Sedition Acts passed in their eponymous states.

# ANSWER: Virginia and Kentucky Resolutions

[10]Besides nullification, the "Virginia and Kentucky Resolutions" advocated this stance against the abridgement or interference of the federal government in the rights of the states. In 1957, Florida utilized this concept in a resolution against the desegregation of public schools in the wake of *Brown vs. Board of Education*.

ANSWER: interposition

[10]Interposition is thought to have highly questionable legal basis due to this line in Article VI, Clause 2 of the Constitution.

**ANSWER: Supremacy Clause** 

[RF] ANSWER these questions about people who have been called "The Tenth Muse", for 10 points each.

[10] An epigram in the *Anthologica Palatina* attributed to this ancient Greek philosopher has him calling the poet Sappho, "the tenth muse".

ANSWER: Plato

[10] This early American poet gained fame with the publication, without her knowledge, of her collection *The Tenth Muse Lately Sprung Up into America*.

ANSWER: Anne Bradstreet

[10] This 17th century Mexican nun became known throughout the Spanish-speaking world as "the tenth muse" for her poetry, but she suffered a backlash due to her spirited defense of women's rights.

ANSWER: **Sor Juana** [or Inés **de la Cruz** de Asbaje y Ramírez de Santillana]

[AR] Meaning "meeting place" in Old Persian, Herodotus claims it was founded by one of the Deioces, for 10 points each:

[10] Name this capital city of the Median Empire located in present-day Northwest Iran.

ANSWER: Ecbatana

[10] Ecbatana was the sight of a 129 B.C. battle between the Parthians led by Farhad II and this Empire, the successor state to Alexander the Great's dominion, its first ruler was surnamed Nicator.

ANSWER: Seleucid Empire

[10] This king of the Seleucid Empire lost the battle and his life, possibly by committing suicide after the Battle of Ecbatana, his father was Demetrius I Soter and he was surnamed Sidetes and is sometimes considered the last major

king of the Seleucids.

ANSWER: Antiochus VII Sidetes

[AR]Coming from the Arabic word for "speech," for 10 points:

[10]Name this dialectical method for philosophical investigation of the Quran, in some conservative sects it is heavily frowned upon.

ANSWER: Kalam

[10]Kalam, is devoted to an analysis of the Quran and the sayings and doings of the prophet and his disciples given this collective name.

ANSWER: Sunnah

[10] The disciples of the prophet are known as this, they met directly after his death to select a new leader that turned out to be Abu-Bakr, often considered the first among this group.

ANSWER: Sahaba

[AR]Located in the north, everyone other than fallen warriors and women who died in childbirth must go here, for 10 points:

[10] Name this lowest level of the Aztec underworld, making it here is dangerous-but one has help along the way

ANSWER: Mictlan

[10] This is the god that is one's soul-companion along the way; he is not so much psychopomp and is considered by the Aztec as the twin bro of Quetzalcoatl.

ANSWER: Xolotl (ZOT-al)

[10] This was the House of the Sun where the fallen warriors would go and live in eternal happiness.

ANSWER: Tonatiuhichan

[AR]These often panic when they attempt to read from an invalid or forbidden memory address, for 10 points: [10]Name this part of an OS that is primarily responsible for system resource management and often times process management.

ANSWER: Kernel

[10]As opposed to microkernels this older kernel design concept runs all the basic system services in the kernel's memory space which can lead to size, extensibility and maintainability issues.

ANSWER: Monolithic Kernel

[10]In a microkernel when a fixed-length block of memory fails to be loaded in physical memory and must be swapped out with hard-disk space, this interrupt occurs which requires a message to be sent from the memory management server to the kernel.

ANSWER: Page Fault

[AR]Umberto Eco is the bees knees, give these items related to his works of non-fiction, for 10 points each: [10]Subtitled Essays on Language and Cognition, Eco shows how the confusion in classifying the second title animal as either a mammal or a reptile raises interesting questions about taxonomies and specifically about the first title animal's philosophical work regarding the manifold of sensible experiences and a priori knowledge.

ANSWER: Kant and the Platypus: Essays on Language and Cognition

[10]A set of 26 essays, in the title essay he begins by discussing Holography and Superman's Fortress of Solitude in order to generate ideas about the nature of theme parks, San Simeon, and wax museum all of which are manifestations of the title phenomenon

ANSWER: *Travels in Hyperreality* 

[10]In his On Literature, Eco talks about his own Anxiety of Influence he feels from this author of Ficciones and

The Aleph.

ANSWER: Jorge Luis Borges

[AR]One of the many fallouts of postmodernism is rise of the meta-analysis of method in academic disciplines, name these related works for 10 points each:

[10] This work by Hayden White rejects the dictatorship of historiographical absolutism and applies literary techniques of analysis to suggest that all histories are essentially emplotments along romantic, satirical, comedic, and tragic lines.

ANSWER: Metahistory

[10] This work by Paul Feyerabend promotes an anarchistic view of scientific knowledge suggesting that there are no hard and fast methodological rules which are universally applicable, as a result scientific theories do not correspond to theories of truth but instead to functionally advantageous or otherwise desirable theories.

ANSWER: Against Method

[10]Perhaps the founding text in the sociology of scientific knowledge is this 1962 publication, which introduces the concept of the paradigm shift and incommensurability, though less radical than Feyerabend's *Against Method*, it was vehemently criticized by the likes of Karl Popper, and Irme Lakatos.

ANSWER: The Structure of Scientific Revolutions

[RF] Answer these questions about Rob's favorite female film characters, for 10 points each:

[10] Frances McDormand plays pregnant Sheriff Marge Gunderson in this film, where she must investigate a multiple murder and finds some grizzly business going on with the wood chipper.

ANSWER: Fargo

[10] Gloria Swanson plays this woman, an aging former film star who is ready for her closeup after she shoots her kept boy, a screenwriter named Joe Gillis, in *Sunset Boulevard*.

ANSWER: **Norma Desmond** (accept either)

[10] The best onscreen portrayal of a librarian is Katharine Hepburn's Bunny Watson in this film, who must match wits with a computer designed to replace her installed by Spencer Tracy

ANSWER: Desk Set

[AR] This December 9th 1824 battle, saw the capitulation of the Royalist Army, for 10 points:

[10]Name this battle in the war for Peruvian Independence which was fought near the town of La Quinua and saw a victory for the Independentists.

ANSWER: Battle of Avacucho

[10] The Independentists were led at the Battle of Ayacucho by this lieutenant of Simon Bolivar who had earlier military victory at the Battle of Pichincha and went on to become the second president of Bolivia.

ANSWER: Antonio Jose de Sucre

[10] This Royalist general capitulated to Sucre at the end of the battle, however, he had to do so by proxy as this last effective Viceroy of Peru was injured during the conflict and his second in command had the honors, according to Wikipedia Che Guevara is a collateral descendant of this man.

ANSWER: Jose de la Serna

[EO] Name these Russian composers who were not part of The Five, for 10 points each:

[10] This composer's heritage often mistaken for French or Belgian given his unique last name; however, it only came about after he immigrated from Russia. His "The Russian Sailor's Dance" is from his ballet *The Red Poppy*.

ANSWER: Reinhold Gliere

[10] This composer helped set up the Union of Soviet Composers. However, he also wrote many operas such as *Song of Spring, The Sisters*, and *Colas Bruegnon*.

ANSWER: Dmitri Kabalevsky

[10] This composer was denounced twice by the Soviet government; the first coming after his opera *Lady Macbeth* of the Mtsensk District, and the second coming after he was denounced in the Zhdanov decree, he also composed the *Leningrad Symphony*.

ANSWER: Dmitri Shostakovich

[AR] Answer the following about the structure of an important plastid, for 10 points each:

[10] The site of light-dependent reactions in the chloroplasts these sac-like structures form stacks called grana.

ANSWER: Thylakoid

[10] An extension of Thylakoid membrane these structures link one granum to another.

ANSWER: Lamellae [or Lamellar Structure]

[10] This thick fluid region around the Thylakoid grana is where the dark reactions occur.

ANSWER: Stroma

[AR] He was the only man to attain the rank of Admiral of the Navy, for 10 points:

[10] Name this man famous for his nearly bloodless victory at the Battle of Manilla Bay during the Spanish-American War

ANSWER: George **Dewey** 

[10] After Dewey's victory he aided this U.S. Army General in the takeover of the city of Manilla, a decorated veteran of the Civil War, noted for his heroics at the Battle of Five Forks, this general became the first US military governor of the Philippines.

ANSWER: Wesley Merritt

[10] Within a few hours the fleet under Dewey managed to capture or sink the entire Spanish Fleet under the command of this Admiral who was court martialed and later absolved due in part of the defense by Dewey himself at his hearing.

ANSWER: Patricio Montojo v Pasaron

[RF] Identify these Pop Artists underappreciated by quiz bowl, for 10 points each:

[10] This artist is known for his "combines", which combined painting and sculpture, such as the bloody 1955 *Bed* and the seminal 1959 *Monogram*, a stuffed goat stuck through a tire.

ANSWER: Robert Rauschenberg

[10] A former billboard artist, he is known for large scale works like 1992's *Time Dust*, the world's largest print at 7x35 feet, and *F-111*, an 86-foot long mural that is longer than the actual jet itself.

ANSWER: James Rosenquist

[10] An artist who works on a much smaller scale, he is known for his paintings of series of items, most famously pies and cakes.

ANSWER: Wayne **Thiebaud** (pronounced "tee-bo")

[JB] Given clues about a body of water, name it, for 10 points each.

[10] Once known as the Sea of Champa, after a local seafaring polity, islands in this body of water include the heavily urban Taipa, on which sits the University of Macao, and Itu Aba island, the largest of the Spratly group. Ports on this body of water include Da Nang, Vietnam.

ANSWER: South China Sea

[10] Scientists first discovered a low-gravity anomaly over this body of water in the 1960s. Recent research, led by the Harvard-Smithsonian Center for Astrophysics has ascertained that convection from mantle plumes and the slow replacement of crustal materials after the melting of the Laurentide Ice Sheets have created a zone of low mass. The largest city on its shore is Rankin Inlet, Nunavut.

ANSWER: **Hudson Bay** 

[10] Its western coast comprises the Syvash, or Rotten Sea, a shallow tidal pool composed mostly of solonets-type soil. It is the world's shallowest sea, and in November, 2007, a tanker disaster near Kerch released thousands of metric tons of oil and liquid sulfur. Significant ports here include Berdyansk and Taganrog.

ANSWER: Sea of Azov

[JR]ANSWER the following about the April, 2008 election in Paraguay for 10 points each:

[10] This ordained Roman Catholic bishop was elected, ending six decades of single-party rule in the country.

ANSWER: Fernando Lugo

[10] This is the long-time ruling party which was defeated by Lugo and his Patriotic Alliance for Change.

ANSWER: Colorado Party

[10] Lugo embraces this sort of theology, initially pushed after Vatican II, which sees Christ not only as redeemer but as advocate for indigenous peoples, blacks, mestizos, and the poor rural and urban masses. It is generally condemned by Pope Benedict XVI and the Catholic Church because of its Marxist influence.

ANSWER: **Liberation** theology

[RF] Identify the Oscar Wilde play given a quotation, for 10 points each.

[10]"To lose one parent, Mr. Worthing, may be regarded as a misfortune; to lose both looks like carelessness."

ANSWER: *The Importance of Being Earnest* 

[10]"Do you know, Mr. Hopper, dear Agatha and I are so much interested in Australia. It must be so pretty with all the dear little kangaroos flying about."

ANSWER: Lady Windermere's Fan

[10]"I suppose society is wonderfully delightful. To be in it is merely a bore. But to be out of it simply a tragedy."

ANSWER: <u>A Woman of No Importance</u>