

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

Round 5

Tossups:

1. [AR]The author claims in a preface to this work that the stories were written because Henry Miller was tired of writing to order for an older patron and instead of participating in this "castrating activity" the author was asked to continue for him. The author suggests that this work along with *Little Birds* is not to be considered connected to her other work. "The Basque and the Bijou" tells of a maternal woman whose eyes traveled quickly down to man's shoes to discover how much he would pay for her pleasure. Other stories in this work include, "The Hungarian Adventurer" about a man who seduces wealthy women then vanishes with their money and one about a Parisian hat maker, titled "Matilde" who leaves her husband for the opium dens of Peru. For 10 points, name this collection of erotic stories by Anais Nin.

ANSWER: *Delta of Venus*

2.[AR]The Sherwood number can be applied in junction with a member of this set of equations in order to determine concentration profiles of various media. The coefficient in these equations is dependent on temperature, viscosity and the size of the particles as now determined by the Stokes-Einstein relation. The first of these laws is used in steady-state conditions, states that J , measured in terms of moles per meter-squared second, is proportional to the negative of the concentration gradient. The second is used for time-dependent changes in diffusion volume.

Formalized by its German namesake in 1855, for 10 points name these set of laws which mathematically models the mass transport phenomena of diffusion.

ANSWER: **Fick's Laws** of diffusion

3.[AR]Interested in the juxtaposition of the French and Italian styles, a direct one is exhibited in 1726's *Les Nations*, while a more allegorical one is seen in his *Instrumental Concert to the Memory of Lully* where Corelli and Lully are received by Apollo on Mount Parnassus. Discussing finger techniques, and standardizing ornament notation in his work, *The Art of Harpsichord Play*, his 230 pieces of harpsichord music established this composer as a favorite of J.S. Bach, Richard Strauss and Maurice Ravel. Nicknamed "Le Grand" to distinguish him from the other members of his musically talented family, for 10 points, name this baroque French composer to whom Ravel wrote a famous solo piano suite in memorial.

ANSWER: Francois **Couperin**

4.[AR]Strabo expresses anger and disbelief at the fanciful mythologies that Deimachus tells in his report as an ambassador to this ruler's court, because Deimachus describes races of Nose-less and mouth-less people and a battle between cranes and Pygmies that occur during his trip to Pataliputra. The inept administration of Susima, this emperor's eldest son, led to the first Taxila revolt, and this ruler died during the second one. This man extended the empire his father founded as far south as Mysore and his father's prime minister, Chanakya also served under him. He died in 272BC leaving only Kalinga unconquered on the sub-continent, a task that would be left to his son. Succeeding his father Chandragupta I, for 10 points, name this second Mauryan emperor the father of Asoka.

ANSWER: **Bindusara** [or Amitrochates]

5.[AR]Each spring the Couch-Stone Symposium is sponsored by the society founded to study this theory. Harold Garfinkel developed Ethnomethodology as an offshoot of this theoretical perspective. Influenced by the work of Erving Goffman, this theory emphasizes the subjective aspects of social life. It conceives of humans as pragmatic actors who adjust their behavior based on the actions of others and can do so because the namesake entities can be

interpreted and manipulated. Criticized for its reliance on qualitative analysis and participant observation and coined by Harold Blumer, for 10 points identify this sociological theory first discussed in the work of George Herbert Mead.

ANSWER: **Symbolic Interactionism**

6.[AR] This institution is severely mismanaged as its administration is forced to steal food from a nearby wrestling school, and one of its directors is described as a "living corpse." Its entomology department is active in research analyzing the jumping abilities of fleas and investigating from which orifice does a gnat "hum." When one person arrives here after his father was rejected from this place, he witness a debate modeled on a cockfight between Kreiton and Etton. Located in Athens, its principal first appears suspended in air. For 10 points, name this center for learning headed by Socrates where Strepsaides sends his spendthrift son Pheidippides to get some edumacation in Aristophanes' play *The Clouds*.

ANSWER: **The Thinkery** [or **Phrontisterion**]

7.[AR]The brainchild of Croatian billionaire and Nascar Sprint Team owner Dietrich Mateschitz, it first took place in Vienna, Austria in 1991 and since then 35 such events have been held at various locations. Entries have included a pregnant cow, a Cadillac, an Oompa-Loompa, a Lobster named Larry and a diaper-delivering stork. The U.S. record was set in Nashville in 2007, at 155 feet while the world record is 195 feet set in Austria in 2000. Entries must be no heavier than 450 lbs and composed of entirely unsinkable parts, and US venues this year include San Diego and Detroit. Allowing competitors to attempt to fly homemade human-powered machines, for 10 points, name this airshow sponsored by an Energy Drink company.

ANSWER: Red Bull **Flugtag**

8.[AR]Its transfer to the appropriate party did not occur until November of that year though stipulations that allowed the transfer under the guidelines of the secret Treaty of San Iidefonso were agreed upon three years prior. Pierre Samuel du Pont de Nemours was instrumental in its negotiation but as a result of some confusion, an area known as the Sabine Free State was formed as a result of this entity. The Calibdo along Jackson Square saw the first official ceremony representing the turnover of a major port city. Barbe Marbois, James Monroe and Robert Livingston signed the official treaty allowing this transaction and costing a total of \$23.5 million dollars, for 10 points, name this 828,000-mile territorial acquisition gained from France in 1803 during the Jefferson administration.

ANSWER: **Louisiana Purchase**

9.[AR]A neurological condition that occurs as a result of the restriction of blood flow via the inferior cerebellar artery to this area is known as Wallenberg's Syndrome. This structure is continuous with the spinal chord and merges with it at the foramen magnum. Located between the anterior median fissure and the antero-lateral sulcus are interior districts of this structure known as the pyramids. The Pons, which is superior to this structure, assists it by acting as a relay between it and the rest of the midbrain. For 10 points, name this anatomical structure located in the lower portion of the brainstem responsible for autonomic functions like regulation of heart rate, swallowing and breathing.

ANSWER: **Medulla** Oblongata

10.[AR]In one song on an album by this musician, "Velvet" the rhythm section plays at a brisk 4/4 while, Hobart Dodson and the rest of the band play in multiple time signatures. That album, 1958's *Jazz in Silhouette* is often considered the most accessible of this artist's discography. The record *A Black Mass* features a radioplay written by Amiri Baraka, a reworking of the myth of Yakub, with this musician's uniquely named band playing in the background. Experimental works include *The Nubians of Plutonia*, *Nuclear War* and *Concert for the Comet*

Kohoutek. Leading his Arkestra and claiming not to be from the planet Earth, despite his resemblance to a Herman Poole Blount born in Birmingham, Alabama, for 10 points name this eccentric jazz musician who took his name from an Egyptian deity.

ANSWER: **Sun Ra** [accept Herman Poole **Blount** before mentioned]

11.[AR]The main character initially took his journey under the employ of Cardinal Mazarin to spy on the efforts of a Dutch scientist to discover the longitudinal secret, which explains the title of this work. The author of this novel makes many references to other works including his own, as a captain recalls that he heard a story about people who died by wetting their fingers to turn pages that had been smeared with poison. Roberto della Griva finds himself inexplicably on the *Daphne* though he is stuck in the harbor unable to swim to land. For 10 points, name this novel by Umberto Eco about a shipwrecked nobleman who ends up near the titular location, named so because it sits on the International Dateline.

ANSWER: *The **Island of the Day Before***

12.[RF] In the *New Chronicles* by Giovanni Villani, he suggests that this was built on the site of a temple to Mars, but it is likely only a Roman guard tower. In its present form it was constructed around 1029, a Romanesque structure in the shape of an octagon. Its ceiling is a vast mosaic depicting the Last Judgement and it contains the tomb of Antipope John XXIII by Donatello. The south doors, completed in 1326, were the work of Andrea Pisano, while 48 years were taken to complete the east and north doors after the artist beat out Filippo Brunelleschi and others for the commission. For 10 points, name this structure featuring the famed "Gates of Paradise" by Lorenzo Ghiberti, a building in an Italian city designed for a child's first sacrament.

ANSWER: **Florence Baptistry** [or **Baptistry of St. John, Battistero di San Giovanni** do not accept Florence Cathedral]

13.[AR]In an early work by this thinker, he analyzes the interiority of an author through analysis of his letters. That work *Joseph Conrad and the Fiction of Autobiography*, his first published monograph sets the stage for much of his future work regarding Europe. He details the dramatic differences between Lampedusa's *The Leopard* with Visconti's film adaptation and Mann's *Death in Venice* with Britten's operatic version in *On Late Style*. Ibn Warraq, noted hater of Islam, in 2007 wrote a criticism, entitled *Defending the West*, of this man's best-known work. In that work, this author outlines the ideological domination of the Middle and Far East by the title process that simultaneously occidentalizes and the Occident. For 10 points, name this author of *Culture and Imperialism* who brought the word *Orientalism* into the post-colonial lexicon.

ANSWER: Edward **Said**

14.[AR]In the *Iliad*, this figure was married to one of the Charities, Aglaea. Dionysus was rewarded with membership in the pantheon after getting this god intoxicated and carrying him back on a mule to Olympus. Born parthenogenically as a jealous response to Zeus' cannibalistic escapades with Metis, after one disappointing night in bed with Athena, his split semen off her thigh produced a future king of Athens, Erectheus. In order to take revenge on his mother for his mistreating at birth, he built a magic throne from which she could not rise. After catching his wife in flagrante delicto with Ares he threw an impermeable magic net and dragged them to Olympus to be judged. For 10 points, name this Greek god, husband of Aphrodite, often depicted as a crippled craftsman over his Anvil.

ANSWER: **Hephaistos** [do not accept Vulcan]

15.[AR]Suhrawardi, founder of the Ishraqi School, in rejecting Aristotelianhylomorphism, lists this entity as the isphabad or the general of light as he resides in the inmost part of the human soul issuing directives according to his

illuminationist worldview. In the Miraj scene, the prophet, while traveling from Jerusalem to heaven on Buraq is accompanied by this entity, and this entity also demands that he read even though Muhammad cannot. This entity also explains to Maryam, how she will conceive a righteous son to be a sign of mercy on the world though she has never been touched by a man, to whom this entity responds that it is a matter already decided. For 10 points, name this primary Archangel of Islam who reveals the Quran to the prophet.

ANSWER: **Jibril** [accept **Gabriel**]

16.[RF] In 1939, it inadvertently published a vulgar acrostic by a former student attacking Nobel laureate Nicholas Murray Butler. Founded in 1912 by Harriet Monroe, it was the recipient of an astounding \$200 million gift from estate of Ruth Lilly in 2001. Monroe's "Open Door" policy led this to be an early advocate of Modernism, publishing works by the likes of Ezra Pound; it also published more traditional fare like Joyce Kilmer's "Trees". Most famous for publishing T.S. Eliot's "The Love Song of J. Alfred Prufrock", for 10 points each, name this Chicago-based "magazine of verse", the leading journal of non-prose literary works.

ANSWER: **Poetry**

17.[AR]The main plenipotentiary of this coalition, after removing all threats of domestic sedition through the acquiescence of Schleswig via the compact of Nyborg, was able to capture and imprison Albert of Mecklenburg and establish this confederation. Major events that occurred during it include the Engelbrekt Rebellion, which led to the deposing of Erik of Pomerania and the Stockholm Bloodbath. It was dissolved when Christian II of Denmark was removed after a successful rebellion led by Gustav Vasa. Formalized in 1397 by a treaty signed at the eponymous castle and spearheaded by Queen Margareta of Norway, for 10 points, name this 14th-16th century confederation of Denmark, Norway and Sweden.

ANSWER: **Kalmar Union**

18.[AR]Using a different technology than diodes, FlatLite™ is an electroluminescent light source that uses Light-Emitting versions of these devices. An incorrect electrolyte formula can cause failure of these devices on motherboards known as its eponymous plague. The inverse of this devices quality factor is known as tan-delta. Reservoir types of these devices are used in power supplies to smooth the output of a full or half wave rectifier. The limit on the power density of these devices is based on the breakdown voltage of the dielectric employed. A precursor to this modern device is known as a Leyden jar. Capable of storing energy between two conducting plates, for 10 points name this electric component whose eponymous SI unit is measured in farads.

ANSWER: **Capacitor**

19.[AR]"The Common Man's Charter" was a synopsis of this leader's views on socialism. This man's coalition with his country's royalist party collapsed, forcing Mutesa II to abdicate the throne and he declared himself president in 1966 by dissolving Parliament after he was implicated in a gold smuggling plot. His re-election was contested by Yoweri Museveni's National Resistance Army and his second term was marred by corruption and civil war. He was deposed by Bazillio Olara-Oktello in a coup and was forcibly exiled in 1985. For 10 points, name this twice former president of Uganda overthrown in his first term by Idi Amin.

ANSWER: Apollo Milton **Obote**

20.[AR]Eberhart's Conjecture and Wagstaff's modification both deal with numbers named after this figure. He confirmed Galileo's time-squared law by measuring the acceleration of falling bodies from the heights of 48, 108, and 147 feet. One of his contributions to musical tuning theory was the approximate ratio for the equally tempered semitone. Catalan discovered a recursively defined sequence that is a subset of a double type of this man's set of numbers. A so-called new conjecture named after this mathematician attempts to show that for certain odd natural

numbers n , 2 to the n plus 1 divided by 3 will be a Wagstaff Prime. For 10 points, name this 17th century French mathematician who gives his name to a set of primes with the formula 2 to the p minus 1, where p is also prime.

ANSWER: Marin **Mersenne**

TB. [AR]A 1990 Argentine opera by Eduardo Alonzo-Crespo is about this person of the royal House of Trastámara. Two of this person's children include Eleanor of Habsburg and Isabella of Austria. After the death of her husband at an unexpectedly early age of typhus, she was locked up in Tordesillas by her father and remained there until her death in 1555. It has been offered that she had to be forcibly removed from the corpse of her husband and did not allow a woman to approach the coffin. The second daughter of Ferdinand and Isabella, for 10 points, name this queen the husband of Philip the Handsome and the mother of Charles V who was thought to have been bat-shit crazy.

ANSWER: **Joanna** of Castile [accept **Joanna the Mad**, **Juana La Loca**, or **Juana I** of Castile]

TB.[JR] In his later ministry, this prophet collaborated with Peter on missions in Pontus and Cappadocia, and he is also listed as Peter's scribe in 1 Peter 5:12. He was chosen by the church elders, along with Judas Barsabbas, to be sent to Antioch to help out Paul and Barnabas, and he was later named as co-author of Paul's epistles to the Thessalonians. For 10 points, name this early church leader perhaps best remembered for a passage in Acts 16 in which he and Paul sang songs in prison, and there was subsequently an earthquake after which the doors flew open, and everybody's chains came loose.

ANSWER: Saint **Silas** [or Saint **Silvanus**]

Bonuses:

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

[10]He was criticized for his use of "broken English," in such works as *My Life in the Bush of Ghosts*.

ANSWER: Amos **Tutuola**

[10]Amos Tutuola achieved recognition with the publication of this 1952 novel that incorporates elements from Yoruba mythology and tells the story of a man who follows a tapster of his favorite beverage into "Dead's Town."

ANSWER: **The Palm-Wine Drunkard and His Dead Palm-Wine Tapster in the Dead's Town**

[10]In this other Tutuola novel, a kind of retelling of the story of the Buddha, the title character's boredom with her princess fairy tale life leads her to the titular place to learn of Poverty and Punishment.

ANSWER: **Simbi and the Satyr of the Dark Jungle**

[AR]During this incident, Admiral Mayo demanded a 21-gun salute be given in addition to a written apology from Victoriano Huerta, for 10 points:

[10]Name this April 1914 incident involving the capture and temporary imprisonment of nine American sailors from the USS Dolphin.

ANSWER: **Tampico** Affair

[10]In response to the Tampico Affair, President Wilson dispatched the military to occupy this Mexican port city for six months.

ANSWER: **Veracruz**

[10]Tensions remained high between the U.S. and Mexico, but in attempt to mediate conflict this conference named after the three South American countries involved the diplomatic efforts met in Niagra Falls in May of that year.

ANSWER: **ABC Powers** Conference

[AR]The wagon-wheel effect and Moire patterns are two forms of this effect of signal processing and computer graphics, for 10 points:

[10]Name this effect, the bane of computer graphic designers, which occurs when different continuous signals become indistinguishable from one another and the resultant distortions that occur as a result of their sampling and reconstruction.

ANSWER: **Aliasing**

[10]According to the Shannon sampling theorem, aliasing can be avoided if this frequency, named after a Swedish-American scientist, is greater than the bandwidth of the signal being sampled.

ANSWER: **Nyquist** frequency

[10]This anti-aliasing technique, often performed to improve the display of screen fonts, converts vector descriptions of fonts to arrays of pixel values which can be more "smoothly" arranged.

ANSWER: **Rasterization**

[AR]This piece of music was inspired upon hearing about the November Uprising in Poland against the Russian Empire in 1831, for 10 points:

[10]Name this Opus 10 No. 12 piece for solo piano, a member of set of 27 piano pieces by its Polish composer, its title is also appropriate as it finishes in a different key F-minor than the original key, C-minor

ANSWER: **Revolutionary Etude**

[10]The *Revolutionary Etude* was composed by this 19th century dude who composed a number of Polonaises, Nocturnes, and Preludes.

ANSWER: Federic **Chopin**

[10]Chopin is credited with developing this form for piano creating four examples, consisting of a single movement and compound meter 6/4 or 6/8 and thematically joined by a lyrical or dramatic narrative, and some sources suggest that were inspired by the poetry of a compatriot, Adam Mickiewicz.

ANSWER: **ballade**

[AR]Aime Cesaire *Discourse on Colonialism* is considered a founding text of postcolonial theory, for 10 points each name these others:

[10]In this Franz Fanon work, whose title references a lyric from the socialist anthem *L'Internationale* discusses the creation of a decolonizing movement, it was controversially and famously prefaced by Jean Paul-Sartre.

ANSWER: **The Wretched of the Earth** [or *Les Damnes de la Terre*]

[10]Written specifically in response to the colonial situation in Tunisia, this non-fiction work of Albert Memmi discusses, in more psychoanalytical terms than Fanon's work, the structure of the relationship between the two titular entities.

ANSWER: **The Colonizer and the Colonized**

[10]Subtitled, a Philosophy and Ideology for Decolonization this 1970 work by the first President of Ghana, Kwame Nkrumah offers that three competing ideologies: indigenous culture, European Christianity, and Islam have shaped the mental world of Africa and thus he offers the title methodological perspective in order to understand how to escape the cycle of colonial subjugation.

ANSWER: **Consciencism**

[AR]Name these works of graphic novelists who all appeared on the Simpson's episode "Husband and Knives," for 10 points each:

[10] This comic book series, written by Allan Moore and illustrated by Kevin O'Neil, includes the recently published third installment *The Black Dossier* and still features the characters of Allan Quatermain and Mina

Murray.

ANSWER: **The League of Extraordinary Gentlemen**

[10] Art Spiegelman, creator of the graphic novel *Maus*, turns his attention in this work to the incidents of September 11th, it also features reproductions of such other comics as Rudolf Dirck's *Katzenjammer Kids*

ANSWER: **In the Shadow of No Towers**

[10] This Daniel Clowes graphic novel presents eight interconnected stories about two recently graduated high school seniors, Enid and Rebecca, from a mostly undetectable eavesdropper.

ANSWER: **Ghost World**

[AR] Give the following related items in Acid-Base Chemistry, for 10 points each:

[10] Useful in finding the PH of a buffer solution name this doubly-eponymous equation which uses the acid dissociation constant and the log of the ratio of ion concentrations.

ANSWER: **Henderson-Hasselbalch** Equation

[10] The Henderson-Hasselbalch equation can be used to determine this point for buffers where a small change in acid or base concentration can have large effects on pH; it can also refer to the pH in Amino acid titrations where the protein has no net charge.

ANSWER: **isoelectric** point

[10] This doubly-eponymous definition acids and bases developed by its German namesake and later modified by its Norwegian namesake offers that in place of electron pairs, hydronium ions or protons, the acceptor/donor species is an oxide ion.

ANSWER: **Lux-Flood** Model

[JB] For 10 points each, Chief Justice Earl Warren delivered the majority opinion, remarking that "legislators represent people, not trees or acres"...

[10] First, name this 1964 case argued before the Supreme Court, in which eight justices struck down state senate inequality in accordance with the "one man, one vote" principle.

ANSWER: **Reynolds v Sims** [accept either part]

[10] In this other 1964 case, with a majority opinion issued by Justice Black, the Court held that Congressional districts for the US House of Representatives should be selected by districts of equal population, ending longstanding patterns of rural over-representation.

ANSWER: **Wesberry v Sanders** [accept either part]

[10] Both the Reynolds and Wesberry cases were argued on the grounds that reapportionment issues presented justiciable questions, as held by the majority opinion of this 1962 case, which in addition to the aforementioned cases, forced the first redistricting of Tennessee in six decades.

ANSWER: **Baker v Carr**

[AR]Name these Restoration Era dramatists, for 10 points each:

[10]A *Discourse Upon Comedy* contains this Irish actor and dramatist's best known works, *The Recruiting Officer* and *The Beaux Stragem*.

ANSWER: George **Farquhar**

[10]After suffering from a bout of stage-fright in an Aphra Behn play he turned to writing, his lasting works include *The Orphan* and *Venice Preserved*.

ANSWER: Thomas **Otway**

[10]Noted for his religious variegation, converting from Protestantism, to Catholicism back to the Church of

England, his literary reputation rests primarily on his last two comedies *The Plain Dealer* and *The Country Wife*.

ANSWER: William **Wycherley**

[AR]This sect of Buddhism has Bodhisattvas, for 10 points:

[10]Meaning "great vehicle" this sect of Buddhism had significant influence outside of India

ANSWER: **Mahayana**

[10]The most influential philosopher within Mahayana Buddhism was 2nd century AD thinker and founder of the Madhyamaka School

ANSWER: **Nagarjuna**

[10]Though a number of works are attested to this thinker, this work is generally accepted as his, in it he offers a number of glosses on the concept of emptiness or shunyata.

ANSWER: **Fundamental Verses on the Middle Way** [or for the truly badass **Mūlamadhyamakakārikā**]

[AR]The first part of the Prose Edda after the prologue, it describes the trick of the title character, for 10 points:

[10]Name this section of the Edda that tells of the title character, the king of what is now Sweden, and his encounters with the Aesir.

ANSWER: **Gylfaginning**

[10]King Gylfi is on the way to this place the capital city of the Aesir and finds Valhalla

ANSWER: **Asgard**

[10]Later on he becomes deluded and confused; however, he plays a trick on the Aesir by disguising himself and assuming this name.

ANSWER: **Gangleri**

[AR]The first seven numbers in this sequence are 1, 1, 2, 5, 14, 42, 132...

[10]For 10 points, name this sequence of numbers named after a Belgian mathematician useful in solving combinatorics problems

ANSWER: **Catalan** Numbers

[10]If Catalan numbers are placed in this eponymous n-by-n matrix, the determinant is equal to one regardless of the size of n.

ANSWER: **Hankel** Matrix

[10]Catalan numbers are also encountered in this puzzle, invented by the French mathematician Edouard Lucas in the late 19th century and named after some structures in what was then a city in Indochina

ANSWER: **Towers of Hanoi** Puzzle

[RF] Identify these works from the Blue Period of Pablo Picasso, for 10 points each:

[10] The most famous Blue work is this depiction of the title man and his title instrument.

ANSWER: **The Old Guitarist**

[10] Another noted Blue work is a portrait of this Wagnerian singer, stolen from São Paulo Museum of Art last year, but recovered this January.

ANSWER: Suzanne **Bloch**

[10] In this allegorical Blue work, a nude woman and a man clad only in a loincloth are on the left, while a woman in a robe holds a baby on the right.

ANSWER: **La Vie** [accept **Life**]

[AR]This Romanian professor was an influential thinker in the field of religious studies and helped to establish the discipline at the University of Chicago, for 10 points:

[10]Name this man who founded the anti-reductionist "phenomenological" approach to the study of religion, whose concepts of the *Terror of History* and *Axis Mundi* remain influential.

ANSWER: Mircea **Eliade**

[10]In this most recognized work of Mircea Eliade's, he tracks the two title concepts throughout history and suggests that the first title concept associated with ideas of the holy "irrupt" into the second "mundane" realm.

ANSWER: **The Sacred and Profane**

[10]This irruption event as described in *The Sacred and Profane*, is the Greek term for holy appearing, and includes such events as the Burning Bush or the Eucharist.

ANSWER: **heirophany**

[AR]Works by a Canadian author who is not Margaret Atwood, for 10 points each:

[10] In this poem, the title character "is from Tennessee, where the cotton blooms and blows" and is the victim of the "queerest sight" on the "marge of Lake Lebarge."

ANSWER: "**The Cremation of Sam McGee**"

[10]"The Cremation of Sam McGee" and the "Shooting of Dan McGrew" were written by this British-Canadian writer who also served as a correspondent for the Toronto Star during the Balkan Wars.

ANSWER: Robert W. **Service**

[10]This first book of poetry also known as *The Spell of the Yukon and Other Verses* contains the poems "The Cremation of Sam McGee" and the "Shooting of Dan McGrew."

ANSWER: **Songs of a Sourdough**

[AR]Discovered in 1965 by an anatomist who determined that telomere length was directly related to the life-span of a cell, for 10 points:

[10]Name this limit that suggests that a normal cell will be able to divide successfully about 50 times before genomic instability sets in

ANSWER: **Hayflick** Limit

[10]After the Hayflick limit has been reached a cell enters this phase of its life-span, Latin for old or advanced in age.

ANSWER: Cellular **Senescence**

[10]During senescence, unchecked or unrepairable DNA damage can lead to cellular suicide, this process is also known as programmed cell death.

ANSWER: **apoptosis**

[AR]Name these teams vying for the Scudetto in this year's Serie A, for 10 points each:

[10]This team owned by media magnate turned politician Silvio Berlusconi, fresh off his win in the general election to be Prime Minister is likely to have Ronaldinho join their squad for the low, low, transfer fee of 31.6 million dollars. However, they currently sit in 5th place some 23 points adrift from the top of the table

ANSWER: **AC Milan**

[10] Currently, at the top of the Lega Calcio this team which plays their games at San Siro are led in goal scoring by Zlatan Ibrahimovic and striker Julio Cruz.

ANSWER: **Inter** Milan

[10]This team just a few points behind Inter, features the likes of the ever colorful Fransisco Totti, on April 9th they lost a close match in the Champions League semifinal, 1-0 to Manchester United after this team's midfielder Daniele De Rossi missed a penalty in the 30th minute.

ANSWER: AS **Roma**

[AR]Russian Filmmakers, for 10 points each:

[10]This director's use of montage is explicated in his book *The Film Sense*, and he directed the talkies *Alexander Nevski* and *Ivan the Terrible* and one pretty important silent film as well.

ANSWER: Sergei **Eisenstein**

[10]This director's first short film *The Killers* was based on the Ernest Hemmingway short story, though he is better known for *Andrei Rublev* and a movie based on a Stanislaw Lem novel that was remade in 2002 by Steven Sodebergh.

ANSWER: Andrei **Tarkovsky**

[10]He opened the first film production studio in Russia, took some rare photographs of Tolstoy and shot over 200 documentaries; he was a professional rival of Aleksandr Khanzhonkov.

ANSWER: Alexander **Drankov**

[AR]What was Heracles doing when he wasn't laboring for King Eurystheus, getting worked over by Hera, for 10 points:

[10]Prone to bouts of furious anger as a child he killed this music teacher, by beating him with a lyre or a stool or possibly both, for chastising him. Amphitryon sent him away for a while to cool off.

ANSWER: **Linus**

[10]Hera, the vengeful queen, took advantage of his anger prone ways, sending him to a fit of rage, whereby he killed this son of Eurystus, by throwing him over the walls of Tiryns.

ANSWER: **Iphitus**

[10]Heracles characteristically ashamed purifies himself by becoming a slave to this barbarian Lydian queen.

ANSWER: **Omphale** of Lydia

[JR] I apologize for the perfunctory bonus on Chinese dynasties that did stuff for 10 points each.

[10] This dynasty was the first documented era of ancient China – inscribed on animal bones and tortoise shells –and ruled in the Yellow River valley from 1766-1122 BC. Its initial capital was at Anyang, southwest of what is now Beijing.

ANSWER: **Shang** Dynasty [accept **Yin** Dynasty]

[10] This dynasty conquered the Shang Dynasty and ruled from 1122-221 BC. Its long history divided into Western and Eastern Periods, and the latter into Spring and Autumn Periods and the Period of the Warring States. Confucius and Lao Tse lived during it.

ANSWER: **Chou** Dynasty [accept **Zhou** Dynasty]

[10] After 900 years, the Chou Dynasty came to an end when this state, the strongest of the seven surviving warring states, unified China and established the first empire in 221 BC. Under it, the emperor initiated the building of the Great Wall.

ANSWER: **Ch'in** Dynasty [accept **Qin** Dynasty]