Sun 'n Fun IX: The Medusa Laughs Again, Or Avoiding the Curse of the Ninth…we hope
Packets by Ahmad Ragab et. al.
Round 12

Tossups:
1.[AR]Minor skirmishes in the region preceding this battle were at Boonville and Carthage. The Confederate general had intended to outflank the Union position by marching to Missick's farm the night prior on March 6th. The division commander at that position, Frank Sigel, anticipating the maneuver was able to organize a retreat and delay the merger of the Confederate forces. The pretext for the engagement was the eventual capture of St. Louis and the carrying of the war to Illinois by the Confederate General Earl Van Dorn. The first clear and decisive victory for the North in a battle west of the Mississippi, for 10 points, name this March 7th and 8th, 1862 battle of the Civil War fought in Arkansas also known as Elkhorn Tavern.
ANSWER: Battle of **Pea Ridge** [accept Elkhorn Tavern before mentioned]

2.[AR]To help explain this, Lord Kelvin computed the time for stellar collapse ignoring relativistic effects at 20 million years, and Harrison's lookout limit is also utilized in connection to this problem, The foggy forest interpretation was adopted by its namesake and Cheseaux to explain this inconsistency. First mentioned by Thomas Digges in 1576, Hermann Biondi's redshift solution could only completely work in a steady-state universe and in the work, *Eureka: A Prose Poem,* Edgar Allen Poe suggested that the age of the universe was insufficient in order to resolve this. Paul Wesson and others suggest that in a Big Bang Universe, Poe's explanation is a pretty good one to resolve, for 10 points, this paradox that suggests that in an infinite universe the number of stars should make the night sky as luminous as the Sun.
ANSWER: **Olbers**' Paradox

3.[AR]Robert Solomon a frequent commentator on this concept argues against its status as a possibly universal state of being, which he suggests is propagated by Western Culture. Robert Sternberg has developed a triangular theory of this concept and Hannah Arendt's PhD dissertation dealt with Saint Augustine's understanding of this. Kierkegaard addresses this concept and describes its Hidden Life and Recognizably by Its Fruits. Rollo May pairs this concept with Will in a work, and Herbert Marcuse pairs a specific form of it and Civilization in his philosophical inquiry into Freud. For 10 points, name this concept that according to a title of a work by Garcia Marquez exists in a time of cholera.
ANSWER: **Love** [do not accept Eros]

4. [AR]Its coiner suggests that traditional economic theory blinded by an obsession with price equilibrium failed to see, what he calls, this essential fact about free enterprise economies, an oversight akin to missing the Danish prince in *Hamlet.* The author of this concept notes that Marx's law regarding the Tendencies of Profit to Fall fails to distinguish between entrepreneur and investor; and thus Marx misses this process of industrial mutation that incessantly revolutionizes the economic structure from within. This organic process is driving force behind Kontratiev long wave cycles, and is first explicated in Chapter VII of *Capitalism, Socialism, Democracy.* For 10 points, name this dynamic process coined by Joseph Schumpeter about the innovative possibilities of capitalism's more violent tendencies.
ANSWER: **Creative Destruction**

5. [AR]Studying under Lisette Model from 1955-1957, one of this artist's works features a burlesque dancer, famous for her affair with a Louisiana Governor, frozen in a rather awkward attempt at sexiness with a Buddha statue in the background and a small poodle at her heels in *Blaze Starr in Her Living Room*. One of this artist's most famous works was used as the 12" LP cover of SNFU's *Nobody Else Wanted to Play* and it features a rather skeletal and

exasperated little boy gripping on to the title object, in *Child with Toy Hand Grenade in Central Park*. This photographer's picture of the star of *The Brain that Wouldn't Die*, Eddie Carmel, shows him towering over his parents in their apartment. Committing suicide in 1971, for 10 points, name this photographer of the *Jewish Giant* and *Identical Twins, Rochelle, NY* often accused of prurient voyeurism for her direct depictions of carnies, drag queens, and the elderly.
ANSWER: Diane **Arbus**

6.[AR]Wave function splitting and cascading occurs in a semiconductor quantum-wire as a result of a two-dimensional Quantum-Confined version of this effect. The Autler-Townes effect is closely related to a dynamic version of this. The results of this effect, independently and simultaneously, were discovered in 1913 by Antonio Lo Surdo and its more recognized namesake, while both were researching the Doppler effect from canal rays. Resulting in a namesake pressure broadening, linear first-order and quadratic second-order effects can be distinguished. The electric analogue of the Zeeman Effect, for 10 points, name this splitting of spectral lines due to an applied static electric field.
ANSWER: **Stark**-Lo Surdo Effect

7.[RF] The subject of the Okkervil River song "John Allyn Smith Sails", he committed suicide by jumping off his the Washington Avenue Bridge in Minneapolis. The semi-autobiographical novel he left unfinished at his death tells of Dr. Alan Severance and his attempt to deal with his alcoholism in *Recovery*. He was the descendant of a famous American poet, whom he celebrated in "Homage to Mistress Bradstreet". In his most famous work, the primary narrator is named Henry, though he is addressed by another narrative voice as "Mr. Bones". Made up of 385 18-line poems, they were collected in two volumes, the second of which was called *His Toy, His Dream, His Rest*. For 10 points, identify this American Confessional poet, author of *The Dream Songs*.
ANSWER: John **Berryman**

8.[AR]Article VII of this treaty demanded that the contracting parties respect the independence of Persia and Afghanistan. The line agreed upon by the parties in Article III, the west of which one party had to give up control ran through the islands of Dago and Worms and around the city of Riga. Frustrated by the demands for territory, one delegation suspended negotiations, encouraging a policy of "no war, no peace." However, an agreement was eventually reached between German Foreign Secretary von Kuhlmann and Russian Foreign minister, Leon Trotsky. The site of a treaty signed less than a month earlier with the Ukraine, for 10 points, name this March 1918 treaty signed in a city in modern day Belarus that allowed for the early exit of Russia from World War I.
ANSWER: Treaty of **Brest-Litovsk**

9.[AR]The central innovation in this concept takes into account the diurnal motion of the earth around its axis while ignoring the sun's apparent motion due to earth's rotation. The eponymous principle was given its name in 1880 by Adolph Sprung. Deficiencies in this concept were finally rectified by William Ferrell who included in his account the effect of Coriolis forces. Its namesake was interested in the causes of the Trade Winds, which according to him had not been fully explained by the likes of Edmund Halley and Robert Hooke. Air is drawn into the Intertropical Conversion Zone via the action of this pattern, for 10 points name this circulation model near the equator named after its English namesake.
ANSWER: **Hadley Cell** or Priniciple

10.[EO] This show premiered at the WPA Theater in 1995 starring Andrea Burns, Jessica Molaskey, Billy Porter, and Brooks Ashmanskas. In "Just One Step", a woman contemplates jumping off a building because of her husband Murray, citing it is his fault because it was he "who bought the penthouse on the fifty-seventh floor, so goodnight,

cheapskate, goodnight!" In "She Cries", the singer laments and warns against the wiles of women's tears. Some of the songs are sung from famous points of view: "The Flagmaker, 1775" is sung from the point of view of Betsy Ross, saying "the wise woman does what she knows" as she sews the flag; whereas "Surabaya-Santa" is sung from the point of view of a cabin-fevered, angry Mrs. Klaus. For 10 points, name this musical by Jason Robert Brown a song cycle whose title is reminiscent of a work by Antonin Dvorak.
ANSWER: ***Songs for a New World***

11. [AR]Moorcroft was the first to give this mountain range the name it is used by today; however, in the latter part of the 19th century there was a drive to rename them "Muztagh," which means ice-mountain. Before a namesake paved-highway was completed in 1986, the Mintaka and Kilk passes were the primary means of crossing this range. Khunjerab National Park located in this mountain range is home to the endangered Snow Leopard and Marco Polo Sheep. It separates the Tarim and Indus Basins and is located in the Gilgit, Ladakh, and Baltistan regions. Meaning "black gravel" in Turkic, for 10 points, name this mountain range spanning the borders of China, Pakistan and India an extension of the Himalayas, the home to the second-highest peak in the world, K2.
ANSWER: **Karakoram**

12. [RF] He wrote two works about Ethiopia: one criticizing Haile Selassie's modernization efforts, the other a satire of war reporting. In addition to *Black Mischief,* he satirized life at Oxford though the character of Paul Pennyfeather who is sent down from fictional Scone college for his activities in the Bollinger Club in *Decline and Fall*. He wrote a work about Tony Last becoming trapped in a jungle village and forced to read Charles Dickens aloud, and is best known for a work subtitled *The Sacred and Profane Memories of Captain Charles Ryder,* about Ryder's encounters with the Flyte family at the title residence. For 10 points, name this 20th century British author of *Scoop*, *A Handful of Dust* and *Brideshead Revisited.*
ANSWER: Evelyn **Waugh**

13.[RF] Juan Junquera suggested in a 2003 book, through an analysis of the Brugada Inventory and the Carderera record that these works could not have been painted by the artist. In their original arrangement *The Fates* and *Asmodea* placed opposite each other deal with supernatural themes *,* while religious themes are dealt with in *The Precession of the Holy Office* and *Judith and Holofernes*. *The Dog* is noted for its stark and unusual use of negative space, while two men fight for an unknown reason in *Duel with Cudgels*. *Leocadia* is a portrait of the woman he lived with in old age at the Quinda del Sordo, the house in which the artist ostensibly painted these 14 works, for 10 points, name these series by Francisco Goya, the most famous of which are *The Great He-goat (Witches Sabbath)* and *Saturn Devouring His Children*.
ANSWER: ***Black Paintings***

14.[AR]The 1973 film based on this work dedicated to Alice Becker Ho that includes footage of the shooting of Lee Harvey Oswald and *The Battleship Potemkin*. Phrases such as "it is the sun that never sets," and "a map that *exactly* covers the territory," are examples of the author's use of "detourned phrases" in this work. In the first chapter, "The Culmination of Separation," the author suggests that the title concept functions as a means of unification in via an intense accumulation of images, which are no longer just images but a social relation among people mediated by images. For 10 points, name this philosophical work of critical theory by Situationist Marxist, Guy Debord.
ANSWER: ***Society of the Spectacle***

15.[AN]In Mangarevan mythology this figure has eight avatars, including a heroic one Matavaru, the last. According to Maori myth, he was born premature so his mother wrapped him in her hair and threw him to the oceans where he was found and nursed to health by his divine ancestor Rangi. According to legend New Zealand's

North Island was a fish he hauled from the depths, but his brother's cut up creating the mountains and valleys and the South Island was his canoe. Many Polynesian mythologies have stories of him beating the sun into submission so it will go slower and therefore there will be longer days. For 10 points, name this Polynesian trickster god and namesake of the second largest Hawaii Island.
ANSWER: **Māui**

16.[AR]In a quizzical justification for marriage, it is reported by Anas that the Prophet Muhammad suggested that this along with four other suras represents a quarter of the Quran. It suggests that no slumber can seize Allah and introduces the concept of intercession on one's behalf on the Day of Judgement. Various hadith have suggested that the title object might represent knowledge, a manifestation such that its dimensions are greater in magnitude than that of the Earth and the heavens, or most rarely that it represents the "creaking" sound in Praise of God. The 255th ayah of the second Sura, for 10 points, name this single most important verse of the Quran referring to the seat of power of God.
ANSWER: ***Throne Verse*** [or **Ayat al-Kursi** or **Quran 2:255** before mentioned]

17.[AR]It derives its name from the grandson of Qusayy bin Kilab a great-grandfather of Muhammad, and the members of this house consider themselves directly related to the prophet through his daughter Fatima. After one of its members, a Sharif of Mecca, had to abdicate the throne of Hejaz; it established the modern state that they currently rule in 1921. One of the Sharif's sons, Faisal, went on to become a King of Iraq, and one of its beloved leaders Abdullah I was assassinated in 1951. His son Hussein was saved by medal he was wearing. For 10 points, name this kingdom currently headed by Abdullah II, which is also known as Jordan.
ANSWER: **Hashemite** Kingdom [accept **House of Hashim** or **Banu Hashim** prompt on Jordan before mentioned]

18.[RF] "Down in the flood of remembrance, I weep like a child for the past", he writes in "Piano" and "For he seemed to me again like a king/Like a king in exile, uncrowned in the underworld/Now due to be crowned again" in "Snake". His time in Mexico prompted an attempt to found a utopian colony called Rananim and the book *The Plumed Serpent.* This author wrote a series of autobiographical works featuring Paul Morel. The gamekeeper Oliver Mellors is the title character of his most famous work, one which prompted a 1960 obscenity trial. For 10 points, name this British poet and novelist, author of *Sons and Lovers* and *Lady Chatterly's Lover.*
ANSWER: David Herbert **Lawrence**

19. [JR] There is a memorial at this site for Nikola Tesla, who invented the three-phase system of alternating current power transmission, allowing distant transfer of electricity. In 1883, George Westinghouse designed a system here to generate alternating current, and by 1896, engineers constructed a massive underground conduit leading to turbines that generated upwards of 100,000 horsepower and sent power as far as 20 miles away. The most powerful hydroelectric stations here today are Sir Adam Beck 1 and 2, Robert Moses, and Lewiston Pump Plants, and all together, this site produces 4.4 Gigawatts of power. For 10 points, identify this source of hydroelectric power, a landmark which includes Horseshoe Falls, American Falls, and Bridal Veil Falls.
ANSWER: **Niagra Falls**

20.[AR] In 1911 with Frederick Lindemann he constructed a special type of calorimeter for specific heats at low temperatures. He also invented the "neo-Beckstein" piano that was able to magnify low-amplitude sounds. His name along with Ettinghausen names an affect regarding the establishment of a potential difference across a metal plate along which there is a temperature gradient and a magnetic field. After earning his Ph.D while studying under Kohlrausch became an assistant to Wilhelm Ostwald at Leipzig in the following year. Winner of the 1920 Nobel in Chemistry, he developed the theories of Helmholtz in order to formulate the third law of thermodynamics. For 10

points, name this German chemist whose namesake equation can be used to calculate equilibrium reduction potential of an electrochemical cell.
ANSWER: Walther **Nernst**

TB. [RF] His ideas were spread through writings like *S, M, L, XL* and *Delirious New York.* Co-founder of the Office of Metropolitan Architecture, in China he is currently building the Shenzhen Stock Exchange and the Central China Television Headquarters. For his native country, he designed their embassy in Berlin and the Kunsthal museum in Rotterdam, and gained early fame for the Euralille business center in northern France. In the United States he designed three Prada stores and the McCormick Tribune Campus Center for the Illinois Institute of Technology which has a tunnel for the green line train on its roof, but gained greater notice for a large scale public building in the northwest. For 10 points, name this architect from the Netherlands who designed Seattle's Public Library.
ANSWER: Rem **Koolhaas**

TB.[JR] Of this composition, *Los Angeles Times* critic Mark Swed said: "There is no name yet for this kind of music." However, the composer gave it a title reminiscent of a Bach composition, and himself described the format as "the telling of a story while simultaneously commenting upon it--(this) has the effect of placing us in the middle of the action, and it gives the narrative a powerful inevitability." His latest piece sets a Hans Christian Andersen story in the format of Bach's *Saint Matthew Passion*, interspersing Andersen's narrative with the composer's versions of the crowd and character responses from Bach's *Passion*. For 10 points, name this inspired piece by David Lang, winner of the 2008 Pulitzer Prize in Music.
ANSWER: The ***Little Match Girl Passion***

Bonuses:
[AN]The great Zulu Chieftain, Shaka was known for his military innovation answer the following about his armies, for 10 points each:
[10]The Zulu regiments were called ibutho, but the English called this name, which actually referred to any armed body of men.
ANSWER: **Impi**
[10]Shaka took his Impi and changed out their usual weapon the long *assegai* for the shorter Iklwa, which was this type of weapon that was better for close combat.
ANSWER: **Spear**
[10]Shaka was famous for using this formation that was made up of three units. One to flank and pin down the enemy, one to smash the pinned down enemy and the last to be held as reserves
ANSWER: **Buffalo Horns**

[RF] Identify these works by E.M. Forster that aren't *A Passage to a Room with a View of India*, for 10 points each.
[10] Published posthumously in 1971, this novel details the homosexual longings of the title character.
ANSWER: ***Maurice***
[10] Composed of a series of Clark Lectures delivered at Trinity College, this work of literary criticism contains the celebrated comment "Yes - oh dear yes - the novel tells a story."
ANSWER: ***Aspects of the Novel***
[10] In this non-fiction collection of Forester's he explains the title by suggesting that Democracy only deserves two of the title entity because only Love and the Beloved Republic deserve more.
ANSWER: ***Two Cheers for Democracy***

[AR]The main character his having a hard time fulfilling his Kshatriya dharma, for 10 points:
[10]Name this work a subsection of the much larger *Mahabharata*, which represents a dialogue between Arjuna and his chariot driver Krishna.
ANSWER: ***Bhagavad Gita***
[10]After significant convincing that Krishna is much more than meets the eye, he is convinced that he must fulfill his dharma out of pure devotion to God. This yoga offers a spiritual path to moksha that is seen as an evolution of the other yogas.
ANSWER: **Bhakti** yoga
[10]One form of yoga that Arjuna is not terribly keen on is this form of yoga that involves a knowledgeful acceptance of atman and Brahman and comes from the Sanskrit word, "to know."
ANSWER: **Jnana** yoga

[JB]Answer these questions about certain properties of Non-Newtonian fluids, for 10 point each:
[10]This term, coined by physical chemist Herbert Freundlich in 1935, describes the property of certain gels to liquify when under constant shear or stress, and to solidify when at rest.
ANSWER: **Thixotropic**
[10] Often called anti-thixotropic, this term describes the rare property of fluids solidifying when subjected to shear.
ANSWER: **Rheopectic**
[10] Both thixotropic and rheopectic substances are Non-Newtonian, insofar that this property is dependent on three factors, temperature, shear rate, and time.
ANSWER: **Viscosity**

[AR]This uberprolific Baroque Spanish playwright is thought to have written more than 1,500 plays over 400 of which survive until today, for 10 points:
[10]After surviving the defeat of the Spanish Armada this playwright wrote such works as *The Knight of Olmeda* and *Justice without Revenge*
ANSWER: **Lope de Vega** y Carpio
[10]In this Lope de Vega work Diana, a noblewoman rejects all the suitors from her class; however, when her lady in waiting is courted by the Countess' secretary, Diana suddenly develops an attraction for him, the title refers to an Aesop's Fable about an animal who doesn't allow some cows to eat hay.
ANSWER: ***The Dog in the Manger*** [or ***El perro del Hortelano***]
[10]This play named after the title village, is about a real incident that occurred in Castile and tells of a cruel commander who is killed by the villagers and how the villagers refused to reveal who was ultimately responsible to the magistrate.
ANSWER: ***The Sheep Well*** [or ***Fuente Ovejuna***]

[JB] About 271 of these have been detected, for 10 points each:
[10]First, some of these celestial objects include Gleise 581 d, and Mu Arae d.
ANSWER: **Extrasolar Planets**
[10] The PSR-1257 system, 980 light years from the Sun, was the first system noted to have exoplanets, notably those four planets orbited this type of star.
ANSWER: **Pulsar**
[10] In 1999, the first multiple planet extrasolar system was found orbiting a young main sequence star like our own and were discovered in this constellation 44 light years from the Sun.
ANSWER: **Andromeda**

[AR]It occurred a short distance from the Viceregal Lodge, for 10 points:
[10]Name this 1882 incident in which the Permanent Undersecretary Thomas Henry Burke and Chief Secretary Lord Frederick Cavendish were stabbed and killed in Dublin.
ANSWER: **Phoenix Park Murders**
[10]This splinter group of the Irish Republican Brotherhood claimed responsibility for the Phoenix Park Murders.
ANSWER: Irish National **Invincibles**
[10]Fresh off his release from prison and the signing of the Kilmainham Treaty, this Irish Home Rule leader denounced the Phoenix Park Murders in a politically savvy gesture.
ANSWER: Charles Stewart **Parnell**

[JB] Stuff about Chinese revolutionary operas, for 10 points each:
[10] Adapted for stage in 1962 by Madam Mao, Wu Qinghua, a poor peasant girl, is imprisoned on Hinian Island by the Tyrant of the South, but escapes to a coconut grove, where she is rescued by Red Army commander Hong Changqing. Wu performs a rifle drill and a seven inch dagger dance with her titular unit, which is then dispatched to dance a *grand jete* en route to liberating the tyrant's slave girls
ANSWER: ***Red Detachment of Women***
[10] *Red Detachment of Women* may be more famous to Western audiences for its performance in act two of this 1985 John Adams opera, in which Pat Nixon, Henry Kissinger, Zhou Enlai, and Madam Mao reenact the Cultural Revolution amid a bayonet dance.
ANSWER: ***Nixon In China***
[10] Mao orders the faithful to "build up stable areas in the Northeast", and Yang Tzu-Jung resolves to capture the bandit leader Vulture. Along the way he is joined by the peasants of the Chiapi Valley for his final assault on the title location. Brian Eno would later take the title of this opera for his 1974 LP.
ANSWER: ***Taking Tiger Mountain*** By Strategy

[AR]Vilfredo Pareto was one of this economist's students for 10 points:
[10]Name this French Economist whose work helped to develop Neoclassical economic theory and the marginalist revolution independently of Jevons and Menger.
ANSWER: Leon **Walras**
[10]Walras' Law deals with this aspect of microeconomic theory that seeks to elucidate the relationship between supply and demand and his law specifically suggests that the sum of excess demands will equal zero, even if the market is not in eponymous state.
ANSWER: **general equilibrium** [prompt on **equilibrium**]
[10]In the development of quantity theory of money, Walras developed this principle regarding a theoretical explanation for why when the supply of money increases that in the end only the price level increases
ANSWER: *encaisse désirée* [or "**desired cash balance**"]

[JB] It is the result of ferromagnetic resonance when the permittivity of a dielectric material is represented by a tensor, ε (lowercase epsilon)...
[10] First, for ten points, what is this eponymous effect, first described in 1845, where the relation between the angle of rotation of polarization and the magnetic field in a diamagnetic material is Beta=VBd, where beta is the angle of rotation, B is the magnetic flux density in teslas, d is the length of the path where light and the magnetic field interact, and V is the Verdet constant for the material?
ANSWER: **Faraday Effect**
[10] The Faraday effect is a measurement of the transmitted light from a magnetized surface, but for another ten

points, what nearly identical effect describes a measurement of the *reflected* light?

ANSWER: Magneto-Optic **Kerr Effect** [or **MOKE**]

[10] Finally, for another ten points, when the magnetization of a media is perpendicular to the plane of incidence, and parallel to the surface, it is said to be in what directional configuration?

ANSWER: **Transverse**

[AR]The head of this Triad was considered the universal architect:

[10]For 10 points, name this triad with its home being the capital of the Old Kingdom, the city's old name, Hi-Ku-Ptah, would eventually name the country of Egypt.

ANSWER: **Memphis** Triad

[10] With Ptah at the head of the Memphis Triad, this God was his consort; she was the goddess of divine retribution and because she bore the solar disc she was sometimes like Hathor associated with the "Eye of Ra."

ANSWER: **Sekhmet**

[10]This son of Ptah and Sekhmet, was depicted as a man with blue water lilies around his head, he was sometimes associated with the boy Atum, it is also said that brought Ra a lotus to ease his suffering.

ANSWER: **Nefertem**

[AR]If you take Modern Philosophy in the United States, you will probably be sick of this dude and his evil deceiver paranoia within a week, for 10 points:

[10]Name this 17th century French philosopher and mathematician, writer of such interesting works such as *Discourse on Method*, and *The Passions of the Soul.*

ANSWER: Rene **Descartes**

[10]Descartes works himself into this nasty solipsistic situation in the *Meditations*, in an attempt to exorcise all doubt where one cannot escape the screen of his or her own perceptions, that is, one is truly stuck with one's self.

ANSWER: **Egocentric Predicament**

[10]This living analytic philosopher offers a reanalysis of the Egocentric Predicament in his famous "brain in a vat" thought experiment, he is also known for a famous thought experiment about the distinction between water and H20 on Twin Earth.

ANSWER: Hillary **Putnam**

[AR] Name these possibly canon expanding but nevertheless worthy American Abstract Expressionists, for 10 points each:

[10]Giving the Charles Eliot Norton Lectures in 1984 on "Working Space" this artist utilized "shaped canvases," i.e. canvases of other shapes than rectangles and day-glo colors in his *Irregular Polygon, Eccentric Polygon,* and *Protractor* series. Other works of his include the mixed media piece, *The Science of Laziness* and the architectural *Severinda.*

ANSWER: Frank **Stella**

[10]One of the most notable female abstract expressionists is this New York born artist. Heavily influenced by the likes of Clement Greenberg and the ever-present Pollock, she would later marry fellow painter Robert Motherwell, her works include *Saturn* and her *Ocean Drive West* series but her most recognizable work is the massive *Mountains and Sea.*

ANSWER: Helen **Frankenthaler**

[10]Recently, Rindy Sam was arrested, tried and fined for kissing a part of this man's tryptch *Phaedrus* on display in France. Often dropping poetic references in his works, such as quoting Stephan Mallarme, or a series of works with just the word "VIRGIL" written on it are part of his unorthodox oeuvre, he is also known for his *Three Studies from*

the Temeraire.
ANSWER: Cy **Twombly**

[RF] Name these Bush administration appointees who later regretted working for Our Dear Leader, FTPE.
[10]An early critic was this University of Pennsylvania professor who became the first director of the White House Office of Faith-Based and Community Initiatives. He later denounced the administation as full of "Mayberry Machiavellis" in an interview with *Esquire*.
ANSWER*:* John J. **Di Iulio**Jr.
[10]Bush's first Secretary of the Treasury and former chairman of Alcoa and RAND, he was forced out and replaced with John Snow. He wrote a tell-all book called *The Price of Loyalty*.
ANSWER: Paul Henry **O'Neill**
[10]Bush decided this former Commissioner for the International Arabian Horse Association was well qualified to head FEMA, and when Katrina destroyed New Orleans, Bush said he was doing "a heckuva job". When the administration tried to make him the scapegoat, he began a public campaign to clear his name.
ANSWER: Michael DeWayne **Brown** (accept "Brownie, you're doing a heck of a job")

[RF] Name these contemporary poets noted for their translations, for 10 points each.
This Irish poet and 1995 winner of the Nobel Prize in Literature received raves and the Whitbread Prize for his 1999 translation of *Beowulf.*
ANSWER: Seamus **Heaney**
While pretending to be a college student, Lisa Simpson attended a poetry reading by this former US Poet Laureate and judge of a metaphor-off between Stephen Colbert and Sean Penn. His 1995 translation of Dante's *Inferno* was widely praised.
ANSWER: Robert **Pinsky**
This American poet authored the infamous masculine manifesto *Iron John.* His book *The Winged Energy of Delight* features his translations from many languages, inlcuding Swedish, Norwegian, German, Spanish, Persian and Urdu.
ANSWER: Robert **Bly**

[AR]Similar to Euler's Polyhedral formula, for 10 points:
[10]Name this rule which determines the number of degrees of freedom a particular system can have given the number of chemical components and the number of eponymous conditions present in equilibrium, and is named after a Yale physicist.
ANSWER: **Gibbs Phase** Rule
[10]The Gibbs Phase rule can be useful in determining this point, the melting point for an alloy or any mixture of two compounds in the solid phase.
ANSWER: **Eutectic** Point
[10]Related to Eutectic reactions, in this type of isothermal reversible reaction a liquid phase reacts with a solid phase to create a single and thermodynamically different solid upon cooling.
ANSWER: **Peritectic** Point

[RF] Identify these works by John Barth, for 10 points each.
[10] In the title story in this Barth collection, a young boy named Ambrose struggles with puberty on his family's trip to Ocean City.
ANSWER: ***Lost in the Funhouse***
[10] This 800 page work about colonial Maryland is based on real life poet Ebenezer Cook, who wrote a poem of

the same title.
ANSWER: *The Sot-Weed Factor*
[10] This work is supposedly based on a computer tape given to Barth by the half-human title character, who undergoes a Campbellian hero's journey.
ANSWER: *Giles Goat Boy*

[AN]Vsevolod the Big Nest was Alexander Nevsky grandfather, for 10 points each:
[10]Nevsky was the prince of this city which name means New City in Russian
ANSWER: **Novgorod**
[10]Nevsky was able to defeat these Northern Crusaders at the Battle of the Ice when Alexander lured them onto the frozen Lake Peipus, where their heavy cavalry was neutralized.
ANSWER: **Livonians** (accept **Tuetonic Knights**)
[10]Nevsky is also known for his political dealings with this group of Mongol invaders whom he placated with tributes and alliances.
ANSWER: the **Golden Horde**

[AR]This sub-chain of the Appalachian Mountains is nestled right next to the Berkshires and Green Mountains; hey, did you know Nap was from New Hampshire, for 10 points:
[10]Name this physiographic section of the New England Province, a mountain range that lies just to the southeast of the Adirondacks
ANSWER: **Taconic** Mountains
[10]The tallest peak in the Taconic Mountains, is this peak outside of Manchester Vermont, the second tallest peak in Vermont, it is home to the only Carthusian monastery in the US, the Charterhouse of the Transfiguration.
ANSWER: Mount **Equinox**
[10]Formed during the glaciation of the Appalachians the southern terminus of the Taconic Mountains merge into these Highlands, whose geographical beauty inspired Thomas Cole to paint here
ANSWER: **Hudson Highlands**