

**Sun 'n Fun IX:** The Medusa Laughs Again, Or Avoiding the Curse of the Ninth...we hope  
Packets by Ahmad Ragab [AR], Rob Fernandez [RF], Jeremy Rasmussen [JR], Anthony Napolitano [AN], Ellen O'Connell [EO] edited by Ahmad Ragab

### Round 1

#### Tossups:

1.[AR]In a 1963 essay, this author promotes a systematic rejection of plot, narrative, traditional character development, and the omniscient author. Those ideas are implemented in a novel where the narrator's suspicion about his wife's infidelity are never confirmed or denied, *Jealousy*. In another work he describes the world through the eyes of a sadistic killer, *Le Voyeur*. He also directed the films *The Immortal* and *Trans-Europ-Express*. A leading member of the so-called New Novelists, a movement which included Michael Butor and Nathalie Sarraute, in another work a detective investigating a murder ends up killing the victim. For 10 points, name this author of the screenplay *Last Year at Marienbad* for Alain Resnais and the novel *The Erasers*, who died in February 2008.

ANSWER: Alain **Robbe-Grillet**

2.[AN] After skipping school one morning, he saw his father crash and die in a test flight for Ferris Aircraft. First appearing in *Showcase #22* and created by John Broome and Gil Kane, he has two brothers, Jack and Jim, and went against his mother's wishes to become a pilot, eventually punching out his commanding officer in the Air Force so he would be thrown out to placate his dying mother. In a future incarnation, he becomes a super-villain and member of the Sinestro Corps, Parallax. He is better known for flying without a plane but instead with an alien device given to him by Abin Sur. For 10 points, name this DC hero who along with Kyle Rayner, John Stewart and Guy Gardner protect sector 2814 as a Green Lantern.

ANSWER: Harold 'Hal' **Jordan** [prompt on Green Lantern]

3.[AR]After working on methods for the interpretation of gravitational and magnetic surveys for Gulf Oil, this man joined the department of physics at Princeton and did his PhD work under fellow Nobel laureate Eugene Wigner. Along with Brattain, he discovered why a particular amplifier, designed by Shockley made of pure silicon, failed to work, and his research led to the development of the point-contact form of a device. For 10 points, name this American physicist and engineer, a two-time winner of the Nobel Prize, first in 1956 for his co-invention of the transistor, and again in 1972 for elucidation with Cooper and Schrieffer of BCS theory.

ANSWER: John **Bardeen**

4.[AR]In an attempt to stop Alexander of Pherae from the north of Boeotia from becoming a tyrant of this region in 369 BC, the Aleulads appealed to the son Amyntas II to forestall the would-be tyrant. One ruling family in this region was the Scopads of Crannon and later in the Battle of Crocus Plain, during the Third Sacred War, this city-state, as part of the majority in the Amphictyonic League, aligned with Macedon to beat the combined Phocian and Pherian armies. In gratitude for the Macedonian's aid in reestablishing the Confederacy here, the aristocrats of the House of Larissa offered Philip of Macedon the title of archon for life. Named after the son of Haemon, for 10 points, name this region that had Peleus, king of the Myrmidons, as a ruler and also contains the city where Caesar defeated Pompey in 48BC, Pharsalus.

ANSWER: **Thessaly**

5.[AR]One member of this family is a movie director whose *Tracks in the Snow* tells of two estranged brothers come to bury their father. A brother of Tijs, Joost, took up one of his uncle's profession and did his Ph.D. thesis on the foraging of starlings. Luuk, the father of Joost, was a biologist who posited an explanation in predator-prey

dynamics for why polymorphisms of cryptic prey were more likely to occur than non-cryptic types. One of his brothers developed a macroeconomic model for the Netherlands and established a namesake norm equal to about 5:1 for the greatest non-counterproductive difference in annual salary between the highest and lowest members of a company. The third brother developed an eponymous set of four questions regarding the investigation of animal behavior. For 10 points, name this family with two Nobel Prize winners, Niko, who won the 1973 Physiology Prize, and Jan, who won the first Nobel for Economics.

ANSWER: **Tinbergen**

6.[AN]In one particularly frenetic montage scene, a 9 of clubs is thrown on a table, a fork is dragged over a tablecloth, and a boy is knocked off a slide onto a pointy metal fence. This film begins with a PSA promoting psychoanalysis for the treatment of mental illness. It was adapted from a novel by an author whose other works include *The Seven Sleepers*, Francis Beeding. John Ballantine is posing as Dr. Anthony Edwardes, the new head of the mental hospital where Dr. Constance Petersen is working, but she discovers that his signature does not match that of the real Dr. Edwardes. The true killer is revealed by surrealistic dream sequences created by Salvador Dali. For 10 points, name this Hitchcock thriller starring Gregory Peck and Ingrid Bergman.

ANSWER: **Spellbound**

7.[RF] This work is based on Robert Greene's popular novel *Pandosto: The Triumph of Time*. Ironically, Greene's denunciation of the author of this work as a plagiarist is the earliest known mention of him as an author. Defying the Oracle at Delphos, the King of Sicilia, Leontes, punishes his wife Hermione for an imagined dalliance with his friend Polixenes, King of Bohemia. But all is well sixteen years later as a statue of Hermione comes to life and their daughter Perdita is found alive - Leontes had ordered the courtier Antigonus to dispose of the infant, a task he failed in a scene prompting the most famous stage direction in theater history: "Exit, pursued by a bear". For 10 points, name this seasonal play by William Shakespeare.

ANSWER: *The **Winter's Tale*** (accept A Winter's Tale)

8.[AR]The Senior British Commander during this conflict, Sir Peter de la Billiere, made the decision to go with Fred Franks' Corps in order to make a more significant contribution in what was called Operation Granby. The Polish contribution, under the auspices of Operation Simoom, was a rescue mission of certain intelligence operatives. The last major engagement of the conflict prior to the cease-fire was led by the VII Corps in the Battle of 73 Easting. Implementing a strategy employed by General Grant during the Civil War, the "left hook" maneuver, brought the Allied Ground Campaign to a conclusion in less than a week. The mass exodus of fleeing opposition troops on the "Highway of Death" on February 26th and the battle of Medina Ridge the following day ended, for 10 points, this conflict commanded by "Stormin'" Norman Schwarzkopf, also known as Operation Desert Storm.

ANSWER: **Persian Gulf** War [accept **First Gulf** War]

9.[EO]This Italian born composer spent much of his time working as the court composer for Louis XIV of France, where he had originally come as a dancer. Since he was a favorite of the king, he flaunted his relationship with a young page and was renowned as a sodomite. He composed many pieces for the comedies of Moliere, such as *Le Bourgeois Gentilhomme* and *L'amour Medecin*. Some of his other works include *Psyche*, *Armide*, and *Roland*. While conducting a *Te Deum* to celebrate the recovery of Louis XIV from illness, for 10 points, this composer, often considered the founder of French Opera, died from striking his toe with the long staff he was using to beat time against the floor.

ANSWER: Jean-Baptiste **Lully**

10.[AR]The author of this work later revises his point about the self-applicability of definitions when in discussion of the paradox of analysis. This work represents a rejection of the idealist philosophical stance adopted by his mentor F.H. Bradley, and McTaggart. In Chapter III entitled "Hedonism," the discussion on beauty and friendship is cited as explicit influence on members of the Bloomsbury Group. Representing what is known in the titular field of philosophy as the "linguistic turn," the author suggests that any definition of good remains an "open question" and that the references to nature to seek guidance for moral behavior will generate his so-called "naturalistic fallacy." Written in 1903, for 10 points, name this fundamental work of ethical philosophy by G.E. Moore.

ANSWER: Principia Ethica

11.[RF] Rarely exhibited are his erotic works, such as his homoerotic *Turkish Bath with Self-Portrait*. His early watercolors were influenced by the Fauves and later in life he produced symbolic non-figurative "portraits" of his friends like William Carlos Williams and Georgia O'Keefe. When diabetes stranded him with his mother in Lancaster, Pennsylvania, his work began to depict his surroundings: advertising and buildings, like factories and the grain elevator in his work *My Egypt*, developing a crisp, exacting style. In his most famous work, he created an abstract depiction of a fire truck based on a poem by Williams. For 10 points, name this Precisionist painter and creator of *I Saw the Figure 5 in Gold*.

ANSWER: Charles Demuth

12.[RF]He studied Buddhism in Japan, writing there "Toji" and "Higashi Hongwanji". His time as a forest ranger in the mountains of Washington inspired "Mid-August at Sourdough Mountain Lookout" and "Milton by Firelight" and he read "A Berry Feast" at the famous Six Gallery reading. Because it ends "may be reproduced free forever", one of his most anthologized works is "Smokey the Bear Sutra". The inspiration for Japhy Ryder in *The Dharma Bums* by Jack Kerouac, for 10 points, name this west coast Beat generation and ecological poet who won the Pulitzer Prize for his collection *Turtle Island*.

ANSWER: Gary Snyder

13.[AR]John F. Marszalek's book on this incident suggests that a more fundamental reason for its occurrence was that the central figure represented the possible dangers that public political leveling would have. A letter from the Presbyterian minister Rev. Ezra Stiles Ely began a series of inquisitions that led to Francis Scott Key being hired to depose Dr. Elijah Craven's widow. Matters became complicated further when Postmaster General Ingham accused O'Neale's husband of conspiring to assassinate him. Beginning when Mr. and Mrs. Calhoun refused to pay a call on the wife of the Secretary of War, it led to the eventual resignation of the entire Cabinet. For 10 points, name this incident surrounding a certain controversial woman that rocked the Jackson Administration.

ANSWER: Petticoat Affair [accept Peggy Eaton Affair or Eaton Malaria]

14.[AR]It occurs in both neovascular and non-vascular forms, also known as the rarer but more severe wet, and the common and more moderate dry form. It is the leading cause of vision loss for Americans aged 60 or older but it can often begin in childhood. Its symptoms include visual distortion, where straight edges appear wavy or bent, and the appearance of gray or dark spots in the middle of the visual field. The eponymous structure it affects is temporal to the optic nerve and contains the fovea at its center. Leaving peripheral vision totally unaffected, for 10 points, name this progressive destruction of a particular spot on the retina of the human eye.

ANSWER: Macular Degeneration

15.[AN]In the *Lokasenna*, one of the many insults traded by Loki to this figure include cuckoldry, though he has no known consorts. Worship of this figure was greater than that of his father before the Migration age and he, not Thor,

is associated with Robert Jordan's central character of the *Wheel of Time Series*, Rand al'Thor. The poetic accounts of Ragnarok do not mention him by name, but he might be referred to as the mighty one. The prose version of Ragnarok has him killing and being killed by Garm. He got the nickname the "Leavings of the Wolf" after the binding of Fenrir. For 10 points, which Norse god got his hand bitten off in that incident and is the namesake of Tuesday.

ANSWER: **Tyr**

16.[AR]Utilizing Fukui's development of Frontier Molecular Orbital theory, Woodward & Hoffman attempted to explain this broad class of reactions. They showed that if the LUMO and the HOMO were phase matched for the reactants, this type of reaction would be allowed under symmetry. One formal type of this reaction occurs between enone and an enamine by n-butyllithium. In order to reduce bond strain, Cope rearrangements can often follow this type of reaction. Thermal types usually have four n plus 2 pi electrons participating in the starting material. Typically resulting in the conversion of pi-bonds into sigma-bonds, for 10 points, name this type of pericyclic chemical reaction of which 1,3-dipolar and Diels-Alder are common types.

ANSWER: **Cycloaddition** reaction

17.[AR]According to one commentator in this state, one can hold a spade while not, and this is referred to as double-roofing. In *No Mind*, the author claims that those in this state observe, "When I am sleepy, I sleep, and when I am sitty, I sit." The concept of intrinsic identity drives a paradox present within this religious experience. In it, the realization of Tathata or Suchness of reality, within the framework of sunyata, or emptiness, occurs, and while the absolute oneness of the experience is emphasized, a numerical distinction is still present. D.T. Suzuki describes this as the momentary dissolution of the subject-object distinction and merely an experience experiencing itself. For 10 points, name this Zen Buddhist concept of enlightenment, which according to a Bauhaus single or a Beat author could happen in Paris.

ANSWER: **Satori**

18.[AR]In this conflict, one side landed in Pembrokeshire, located in the home country of the commander, to begin the invasion. Deciding to meet the invading army just outside of Leicester, the king deployed his troops on Ambion Hill. Forcing the king's troops from the high ground, Henry Percy failed to offer support to the invading rebel army. Featuring the last king of England to die in battle, the victor subsequently dated his reign from one day before the engagement so that all of the enemy combatants could be claimed rebels and their property seized. For 10 points, name this 1485 battle which saw the death of the Yorkist Richard III and the ascension of the Lancastrian Henry VII, the last battle in the War of the Roses.

ANSWER: Battle of **Bosworth** Field

19.[AR]Pontryagin's Minimum Principle states informally that this must be minimized over the set U, the set of all permissible controls for every u-star in U. The Bondy-Chvatal theorem claims that a graph is this if and only if its closure also has this property. This type of vector field defines a flow on a symplectic manifold. A non-abelian group in which all subgroups are normal is known as this kind of group. As a quantum mechanical operator, it is self-adjoint and it is the observable corresponding to the total energy of the system. For 10 points, this is also the ring of the non-commutative extensions of complex numbers, developed by an Irish mathematician also known as quaternions.

ANSWER: **Hamiltonian**

20.[RF]He wrote "Gaze on them, till the tears shall dim thy sight,/But keep that earlier, wilder image bright." in "To Cole, The Painter, Departing For Europe." This author, in a poem to a title creature, wrote, "He, who, from zone to zone,/Guides through the boundless sky thy certain flight,/In the long way that I must tread alone,/Will lead my steps aright." In his most famous poem, he wrote of those "who in the love of Nature holds/Communion with her visible forms" and "the hills, rock-ribbed, and ancient as the sun" concluding with "thy summons comes to join/The innumerable caravan which moves/To that mysterious realm where each shall take/His chamber in the silent halls of death". Appearing with that painter departing for Europe in Asher Durand's painting *Kindred Spirits*, for 10 points, identify this 19th century American poet of "To a Waterfowl" and "Thanatopsis."

ANSWER: William Cullen **Bryant**

TB. [AR] In 1867 a Jesuit missionary, Fransisco Kino, established a number of mission churches in this geographical region to convert the O'Odham natives then located in the northwest area of New Spain of viceroy fame. Despite being one of the hottest North American Deserts, its roughly bimodal rainfall distribution promotes significant biological diversity. Some of the major rivers that flow through this desert include the Santa Cruz, the Gila and the Colorado. Lying to the east of the Salton Sea and south of the Mojave Desert, for 10 points, name 120,000 square mile arid region which covers southwestern Arizona, southeastern California, Baja California and part of its namesake state in Mexico.

ANSWER: **Sonoran** Desert

TB. [AR]A monument in Siivertsi near this site was built to commemorate a 1918 battle that took place here during the region's Liberating War. During WWII, a multi-phased campaign was fought at this site that was part of the Leningrad-Orienbaum Soviet Offensive and an attempt to capture an important namesake Bridgehead in 1944. A 1581 battle was fought here during the Livonian War. The most famous conflict at this site saw 37,000 Russian troops get decimated by a Swedish force of about 11,000. For 10 points, name this battle site in Estonia, where in 1700 Charles XII of Sweden defeated a much larger force of Peter the Great during the Great Northern War.

ANSWER: Battle of **Narva**

### **Bonuses:**

1. [EO+RF] Identify these stories from James Joyce's *Dubliners*, for 10 points each.

[10] The most political story centers around Mat O'Connor, a canvasser for candidate Richard Tierney. He's harassed by Joe Hynes, a canvasser for another candidate named Colgan, and he notes that Tierney will present a welcome speech to King Edward II of England. They are soon joined by Henchy, Crofton, and Lyons, and the talk drifts to Charles Stewart Parnell, as the story takes place on his commemoration day.

ANSWER: **"Ivy Day in the Committee Room"**

[10] The first story in the collection, it tells the story of the relationship between a boy and the ailing Father Flynn. After Flynn's death, the title characters tell the boy he suffered a mental breakdown.

ANSWER: **"The Sisters"**

[10] In the final and longest story, Gabriel Conroy must give a dinner address and later wrestles with a memory from his wife's past, the late Michael Furey.

ANSWER: **"The Dead"**

2.[AR]Answer the following about a 17<sup>th</sup> century Swedish nobleman, for 10 points each:

[10]This statesman served as Lord High Chancellor under Gustavus Adolphus and he sent his son, Johan, to broker the Peace of Westphalia.

ANSWER: Axel **Oxenstierna**

[10]Axel Oxenstierna in 1626 was appointed Governor-General of this region, which had traditionally been ruled by the Hohenzollern.

ANSWER: **Prussia**

[10]Oxenstierna also served as adviser and regent to this queen, the daughter of Gustavus Adolphus.

ANSWER: **Christina** I of Sweden

3.[JR]Answer the following about black holes, for 10 points each:

[10] This theoretical physicist who was born in Jacksonville, FL and died in April 2008 at age 96 coined the term “black hole” in 1967.

ANSWER: John **Wheeler**

[10] This is the term for the ellipsoid region around a rotating black hole in which the hole’s rotation drags the space-time continuum round with it. It is bounded on the outside by the stationary surface and on the inside by the outer event horizon.

ANSWER: the **ergosphere**

[10] Named for two Austrian physicists, this is the phenomenon of pulling the space-time continuum, also known as frame dragging, so that frames of reference are not stationary with respect to the rest of the universe.

ANSWER: **Lense-Thirring** Effect

4.[AR]This work by a philosopher, who was the namesake of a recent tournament, was a neo-Kantian before Kant was dead, for 10 points:

[10]Name this work that was published unbeknownst to the author that was so Kantian that everyone thought Immanuel wrote it. It was, as the title suggests, a first pass at relating the critical work of Kant with the Biblical doctrine.

ANSWER: *Attempt at a **Critique of All Revelation***

[10]This author of *Attempt at a Critique of All Revelation* named his son after his inspiration. He is also known for his *Wissenschaftslehre*, or *Science of Knowledge*, methodology.

ANSWER: Johann Gottlieb **Fichte**

[10]One major point of disagreement between Fichte and the old master was the rejection of the philosophical relevance of this realm of things-in-themselves. This realm laid in contradistinction to the phenomenal world.

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

5.[RF]His political non-fiction includes *Homage to Catalonia*, for 10 points:

[10]Name this author in whose essay, "Why I Write," sympathizes with those who think that the chapter in *Homage to Catalonia* defending Trotskyites might have ruined a good book by making it journalism.

ANSWER: George **Orwell** [or Eric **Blair**]

[10] Drawn from his time as a Burmese policeman, in this essay Orwell recounts how he discovered the title animal was docile but was drawn by the expectations of the surrounding crowd to perform the title action.

ANSWER: "**Shooting an Elephant**"

[10] In this essay, Orwell denounces bad writing and lays down six rules to avoid such poor prose, such as *Never use a long word where a short one will do*. Orwell believed poor writing led to inhumane actions and allowed such things as the defense of totalitarianism.

ANSWER: "**Politics and the English Language**"

6.[JR] Name these sports injuries, for the stated number of points:

[5]For 5 points, also called *lateral epicondylitis*, this injury occurs in the tendon of the *extensor carpi brevis* muscle. Abnormalities of the tendon cause there to be an excess of fibroblasts and blood vessels in the area along with an increase in pain receptors, making the region extremely tender.

ANSWER: **Tennis elbow**

[10]For 10 points, this is the general term for the condition that occurs when the small, fluid-filled sacs that lubricate and cushion pressure points between your bones, tendons, and muscles near your joints become inflamed and painful, usually in the shoulders, elbows or hips.

ANSWER: **Bursitis**

[5]For 5 points, known by doctors as ulnar collateral ligament reconstruction, this is a surgical procedure in which a ligament in the medial elbow is replaced with a tendon from elsewhere in the body. It was famously performed on the eponymous LA Dodgers pitcher in 1974.

ANSWER: **Tommy John** surgery

[10]For a final 10 points, this is the medical term for a back injury involving the “fifth” or bottom lumbar vertebrae slipping forward over the “S1” or top bone of the sacrum, and is usually seen in children ages of 9-14 who are involved wrestling or gymnastics.

ANSWER: **Spondylolisthesis**

7.[AR]This battle saw the last major offensive on the Western front of Hitler's Wehrmacht. For 10 points:

[10]Name this winter campaign of 1944 into 1945, fought in the forests of Luxembourg, Belgium and France.

ANSWER: **Battle of the Bulge** [or Battle of the **Ardennes**]

[10]On December 17th, 1944 during the Battle of Bulge, this war crime was perpetrated by Waffen SS soldiers when 81 American POWs belonging to Battery B of the 285th Field Artillery Observation Battalion were murdered near the eponymous Belgian town.

ANSWER: **Malmedy Massacre**

[10]This general in charge of 101st Airborne division, surrounded during an engagement in the Battle of the Bulge theatre, responded to a ultimatum request for surrender from Heinrich Luttwitz with the one-word reply, "NUTS!"

ANSWER: General Anthony **McAuliffe**

8.[AR]This cobra-goddess protected the kings and pharaohs of Egypt as she was symbolized by the *uraeus*, the cobra symbol found on the brows of many pharaohs headgear. For 10 points:

[10]Name this protector goddess of Lower-Egypt, the "twin" of Nekhbet.

ANSWER: **Wadjet** or **Buto**

[10]Wadjet, or Buto in one myth, helped this goddess hide her son from Set, after her husband was killed by him.

ANSWER: **Isis**

[10]This is the son of Isis who Buto helped hide. He is often conflated with an older version of a falcon-headed God of the same name who also battled Set

ANSWER: **Horus** the Younger

9.[AR]It tells of the fortunes and adversities of a poor town crier from Salamanca. For 10 points each:

[10]Name this anonymously written genre-founding work of the 16th century that tells of the titular low-born character and his many apprenticeships.

ANSWER: **Lazarillo de Tormes**

[10]*Lazarillo de Tormes* is considered the first example of this type of novel. The name derives from the Spanish word for "to itch" and usually offers a realistic depiction of an anti-heroic character trying to survive in a corrupt society

ANSWER: **picaresque** novel

[10] This Spanish Golden Age writer is often considered the first master of the picaresque novel. His fame rests with his popular two part novel *Guzmán de Alfarache*.

ANSWER: Mateo **Aleman**

10. [JR] Answer the following questions about being mentally challenged, for 10 points each:

[10] A score below 20 on this IQ test, named for a Romanian-born Jewish-American psychologist, indicates that a person is "profoundly mentally retarded."

ANSWER: (David) **Wechsler** Adult Intelligence Scale or **WAIS**

[10] This is the most common form of heritable mental retardation, caused by mutations in the FMR1 gene. It is sometimes called by the name of its two 1943 discoverers, an Irish doctor and a British geneticist.

ANSWER: **Fragile X** syndrome or **Martin-Bell** syndrome

[10] What term, now considered pejorative, was once used to refer to someone with the condition of congenital hypothyroidism, in which there is some degree of mental retardation? Hint: Henry II called his son this in the 1964 film *Becket*.

ANSWER: **cretin**

11. [AR] Her teachers included Rem Koolhaas, for 10 points:

[10] Name this Iraqi born British architect, the first female winner of the Pritzker Prize.

ANSWER: Zaha **Hadid**

[10] Zaha Hadid's highly non-rectilinear designs include the center building for this auto-manufacturer in Leipzig.

ANSWER: **BMW**

[10] Hadid recently won a contract to design this joint venture between two art museums that will be located in Vilnius. One of the museums is traditionally centered in St. Petersburg, while the other has extensions in New York and Bilbao.

ANSWER: **Guggenheim-Hermitage**

12. [AR] A connected version of this is a metric space whose distance function is a minimizing geodesic. For 10 points:

[10] Name this real differentiable space in which every point in the neighborhood resembles a Euclidean space and is named after a mathematician with a namesake zeta function.

ANSWER: **Riemannian Manifold**

[10] A Riemannian Manifold's tangent space is this type of space, a generalized form of the Euclidean space. Its namesake has an eponymous set of 23 problems.

ANSWER: **Hilbert** Space

[10] The tangent space of this manifold is a Hilbert space because it has this property. This property defines a vector space in which a metric exists for angles and distance; in  $R^2$  this is the length of two vectors times the cosine of the angle between them.

ANSWER: **inner product** space [do not accept dot product]

13. [AR] Jeremy Clarkson on the BBC show *Top Gear* described that driving this vehicle is like smearing honey into Keira Knightley. For 10 points:

[10] Name this car, recently awarded Top Car of the year by *Playboy*, *Autocar*, and *Automobile* magazine. This mid-engine entry by Audi features the same engine as in its RS4, but in a two-door coupe that is three hundred pounds



lighter. Rumors of a V10 model are circulating.

ANSWER: Audi **R8**

[10]The Audi R8's chasis and transmission are based on this subsidiary company's Gallardo (Guy-ar-do) platform, otherwise known as the poor man's Murcielago.

ANSWER: **Lamborghini** S. p. A.

[10]One of the truly neat features of the R8 is the use of this special "smart fluid" in the car's suspension system that responds to an electromagnet by varying its viscosity depending on the circumstance and can act almost as a viscoelastic solid. Audi intends to introduce this "smart fluid" system into many of its other models.

ANSWER: **Magnetorheological** fluid

14. [JR] Answer the following about a school of Protestant Christian theology for 10 points each:

[10] This Dutch Reformed theologian was professor of theology at the University of Leiden and was known for his opposition to certain points of Calvinism, namely those having to do with predestination versus free will.

ANSWER: Jacob **Arminius [or Jacob Harmenzoon]**

[10] Arminius' followers came to be known by this name after their 1610 publication of a document outlining their objections to Calvinism.

ANSWER: **Remonstrants** (After the "Remonstrance of 1610")

[10] This was the national council held in 1618-19 to settle the controversy in the Dutch churches initiated by the rise of Arminianism.

ANSWER: Synod of **Dort** or **Dordrecht**

15. [RF] Identify these famous equestrian statues, for 10 points each:

[10] One of Donatello's triumphs was a statue in main square of Padua of this mercenary. It was the first bronze equestrian statue since Roman times.

ANSWER: **Gattamelata** or **Erasmus of Narni**

[10] Frederic Remington's most famous sculpture is this work of a man riding a horse reared on its hind legs. A challenging subject, bronze copies were sold at Tiffany's.

ANSWER: **The Bronco Buster**

[10] *The Bronze Horseman* by this French Rococo artist is an equestrian statue of Peter the Great in St. Petersburg which inspired a poem by Pushkin. Before his time in Russia he gained fame for his small-scale porcelain sculpture.

ANSWER: Étienne Maurice **Falconet**

16. [AR]He was the brother of a Hollywood Actor Ernest Cossart, who played Sidney in *The Great Ziegfeld*, for 10 points:

[10]Name this British Born composer whose most famous suite includes subsections entitled, the Magician, and the Mystic he also wrote the *Costwold Symphony* which features an elegy in memoriam of William Morris, of Arts and Crafts fame.

ANSWER: Gustav **Holst**

[10]Holst, the composer of *The Planets*, unsatisfied with the current available translations of Hindu epics decided to learn Sanskrit, a good move on anyone's part, and inspired by such learning and crazy Wagnerian music, wrote this opera from a scene from the *Mahabharata* about the titular wife where Death has come to take her husband from their woodland home, negotiations ensue.

ANSWER: **Savitri**

[10]This husband of *Savitri* is eventually gained back from Death via clever machination his name in Sanskrit

means, "Truth server."

ANSWER: **Satyavan**

17. [RF] Answer the following questions about the author of the pivotal work *Notebooks: 1960-1977* and his works for 10 points each.

In this work, a pair of brothers named Morris and Zachariah share the same black mother, but have different fathers, and have a heated disagreement when Morris tries to pass for white to attempt a relationship with a white girl.

[10] ANSWER: **Blood Knot**

[10] The title characters in this work are a seventeen year old white boy and two African servants, Sam and Willie. The boy lashes out at the servants when he learns of the impending return of his tyrannical father.

ANSWER: **Master Harold...and the Boys**

[10] The plays *Blood Knot* and *Master Harold...and the Boys* were both written by this 20th century South African playwright.

ANSWER: Athol **Fugard**

18. [JR] Identify the modern Web programming concepts from descriptions for 10 points each. [10] This is a Web application that combines data from more than one source into a single integrated tool. Microsoft Popfly and Orchestr8 AlchemyPoint are examples of commercial tools in this vein.

ANSWER: **Mashup**

[10] This is a group of Web development techniques used for creating interactive applications, primarily on the client-side, which exchange only small amounts of data with the server. Intended to increase a Web page's speed and ease of interactivity, it incorporates a scripting language and markup language.

ANSWER: **Ajax** (Asynchronous JavaScript and XML)

[10] This is a family of Web feed formats used to publish frequently updated content such as blog entries, news headlines, and podcasts. The original, version 0.90, was designed by Netscape for building portals of headlines to mainstream news sites.

ANSWER: **RSS** feed [RSS may mean "Rich Site Summary" or "Really Simple Syndication", depending on whom you ask]

19. [AN] Answer the following about the European discovery of Australia, for 10 points each:

[10] The first recorded European sighting of Australia was by the Dutch and as such Abel Tasman originally called it this.

ANSWER: **New Holland** [accept **Nova Hollandia**]

[10] Captain James Cook aboard the *Endeavor* landed at this site, which led to the English claim to the island continent.

ANSWER: **Botany Bay**

[10] Captain Cook gave the English Crown Colony this name, which eventually became an Australian state with capital at Sydney.

ANSWER: **New South Wales**

20. [JR] Oh deer. Identify these ruminant mammals belonging to family *Cervidae* for 10 points each.

[10] This endangered species, which is actually a subspecies of the White-tailed deer, inhabits only a few islands off the coast of Southern Florida. The adult male stands a scant 30 inches at the shoulder.

ANSWER: **Key** Deer

[10] This species is a subspecies of the black-tailed deer and inhabits only a few islands and coastal areas off

western British Columbia and Alaska. It has no upper teeth and so must mash its food with its tongue and the roof of its mouth.

ANSWER: **Sitka** Deer

[10] This is the common term for numerous species of Asian deer. They have a call similar to barking, thus they are often called barking deer. After a 1929 hunting expedition, Theodore Jr. and Kermit Roosevelt presented a single specimen of a genetically unique species of it to the Field Museum.

ANSWER: **Muntjac**