

1998 QuESADILLA -- Caltech Packet I

Tossups

1. Described by Justice Warren as 'a seriously disturbed individual with pronounced sexual fantasies,' he was convicted of kidnapping and rape after the 18-year-old victim picked him out of a lineup, and he confessed after two hours of interrogation in the Phoenix police station. The law enforcement community was outraged when--for 10 points--whose 1963 conviction was overturned because he had not been told he had the right to remain silent and the right to an attorney?

Answer: Ernesto **Miranda**

2. The U.S. government currently has no facility for producing this substance. Russia and Canada are the only suppliers, but Russia is a politically unsuitable source and Canada will not sell it for weapons purposes. The easiest way to make it is to bombard lithium-6 with neutrons, but in 1934 Rutherford and associates made it by collision of deuterium nuclei. For 10 points--what is this heaviest isotope of hydrogen?

Answer: **tritium**

3. He wrote two operas, 'The Spanish Hour' and 'The Child and the Enchantments,' but lamented that the music for a third was in his head when in 1933 he developed severe aphasia, losing his ability to read and sign his name. For ten points, name this French composer of the ballet 'Daphnis and Chloe,' and 'Bolero.'

Answer: (Joseph-)Maurice **Ravel**

4. It's not the movie '2001', but a giant space baby appears to be inhabiting the sun. The control room is strongly reminiscent of 'Dr. Who', another BBC production. All the characters' needs are supplied by machinery and the show is billed by PBS as introducing children to the 'magic of high tech.' For 10 points--what television show features Tinky-Winky, Dipsy, Laa-Laa, and Po, creatures which can receive TV signals and display the picture on their stomachs?

Answer: **Teletubbies**

5. In her memoirs, 'All in the Day's Work,' she wrote of discovering the 'author of [her] father's woes' in Henry Demarest Lloyd's 1894 work 'Wealth Against Commonwealth,' which led to her plans to 'write the great American novel,' based on the same subject as Lloyd's work. For ten points name this author of biographies of Lincoln and Napoleon, whose 1902 serial in McClure's magazine led the Supreme Court to break up the Standard Oil trust in 1911.

Answer: Ida Minerva **Tarbell**

6. His name was John, but his first wife, Constance Adams, once mysteriously referred to him as James, just before he went to fetch Isa Whitney from an opium den. He sometimes claimed to have been wounded in the leg, but sometimes it was his shoulder that had been struck by a Jezail

bullet at the fatal battle of Maiwand. Inconsistencies like these don't inspire confidence in the memoirs of, for ten points, what medical doctor who took up rooms at 221B Baker Street along with Sherlock Holmes?

Answer: John H. **Watson**

7. She was William the Conqueror's great-aunt and provided the first link between the English throne and the house of Normandy. She was the wife of King Ethelred the Unready and by him mother of Saint Edward the Confessor; then she married Canute the Great and gave birth to Hardecanute. For ten points, name this woman who shares her first name with a handsome, clever, and rich girl who marries Mr. Knightley in an eponymous novel by Jane Austen.

Answer: **Emma**

8. The voltage produced is negative for most metals, but positive for beryllium, zinc and cadmium, indicating the conduction of electric currents by holes. Used to measure the mobility and density of charge carriers in a material, the development of a transverse field in a material in a magnetic field through which a current perpendicular to the magnetic field is run is known, for ten points, as what effect?

Answer: **Hall** effect

9. Two bags of grass, seventy-five pellets of mescaline, five sheets of high-powered blotter acid, a salt shaker half-full of cocaine and a whole galaxy of multicolored uppers, downers, screamers, laughers... and also a quart of tequila, a quart of rum, a case of Budweiser, a pint of raw ether, and two dozen amyls. For 10 points--these are the contents of whose trunk as he departs on a savage journey to the heart of the American dream in the book 'Fear and Loathing in Las Vegas'?

Answer: Hunter S. **Thompson** (also accept Raoul **Duke**)
(accept **Fear and Loathing in Las Vegas** before 'whose')

10. William and Andrew Smith fabricated their first cough drops in this city around 1850, and this temporary state capital was the site where New Yorkers ratified the federal Constitution in 1788. Its name, which comes from the Indian for 'waterfall,' is often muttered by TV lawyer John Cage to control his stuttering. For ten points name this seat of Dutchess County, the home of Vassar College.

Answer: **Poughkeepsie**

11. The Mafia named them The Big Thing, but they were renamed in 1967 by producer James Guercio, who suggested that, in the manner of classical symphonies, they give their albums numbers instead of titles. Richard Daley threatened to sue over the new name, although in 1984 their namesake bus system used the band's hit 'Does Anybody Know What Time It Is?' in advertisements. For ten points, name this group whose most famous lead vocalist was Peter Cetera.

Answer: **Chicago** Transit Authority

12. Made along with man, he eateth grass as an ox. His strength is in his loins, his force is in the navel of his belly. He moveth his tail like a cedar, and his bones are as strong pieces of brass, as bars of iron. Behold, he drinketh up a river, and hasteth not. For 10 points--name this monster from the book of Job, sometimes identified with the hippopotamus.

Answer: **behemoth** (prompt on 'hippopotamus')

13. This idea, proposed by Robert Ettinger in 1964, was first tried by the 73-year-old Dr. James Bedford in 1967. About twenty of the sixty people who have tried it failed because their money ran out, but the rest can still hope. Contrary to persistent rumor, Walt Disney did not try it, but instead was cremated and interred at Forest Lawn Cemetery in Glendale, California. For ten points, what process, available in whole-body or brain-only versions, may offer you a way to cheat death?

Answer: **cryonic** suspension (accept: **freezing** or **suspended animation**)

14. To its east lay the city of Riohacha, obscured by an impenetrable mountain range, to its south lay swamps, and to the west a boundless extension of water. Its name means 'banana' in Bantu, appropriate since it was controlled by a banana company which was finally driven out by the rains of four years, eleven months and two days. For ten points, name this South American city founded by Jose Arcadio Buendia, the setting for several works of Gabriel Garcia-Marquez.

Answer: **Macondo**

15. Among those known by this name were the ineffectual Egyptian ruler Amasis, who needed the help of Greek armies to defend against the Persians; Michael III, who restored the use of icons in the Byzantine church; and Ottoman emperor Selim II, who never took interest in governing and retreated to his addiction. For ten points, these men all shared what derogatory nickname, referring to the vice they shared with Mickey Mantle and Barney Gumble?

Answer: the **Drunkard** (accept the **Sot** or close equivalents)

16. A consequence of the first law of thermodynamics, it states that the heat absorbed or evolved in any chemical reaction is a fixed quantity and is independent of the path of the reaction or the number of steps taken to obtain the reaction. For ten points, name this law which is often used to determine heats of reaction and formation from the sums and differences of the heats of intermediate reactions.

Answer: **Hess's Law**

17. Called Wagadu by its rulers, it was known by the title given to its king. Its inhabitants, the Soninke, first acted as middlemen between the Arab salt traders to the north and the gold and ivory producers to the south, later conquering these lands and controlling the gold trade. For ten points, name this medieval empire situated between the Sahara and the Niger River in what is now Mauritania, not to be confused with the modern nation whose capital is Accra.

Answer: **Ghana**

18. His increased cranial capacity and reduced molar tooth size foreshadowed trends seen in

Homo erectus and later humans. He walked efficiently bipedally, and, as evidenced by hand fossils discovered at Olduvai Gorge by Louis Leakey, was capable of precise manipulation of objects, including the shaping of stone with tools. For ten points, name this first member of the genus Homo, whose name reflects this mechanical facility.

Answer: **Homo habilis**

19. One work of this title was inspired by the Great Drumsheugh case, an 1809 Edinboro scandal in which a malicious child said the two headmistresses at her school had an inordinate affection for each other. A second of the same title refers to it as 'a pause in the day's occupations, between the dark and the daylight when night is beginning to lower,' during which the poet plays with his three daughters. For ten points give the shared name of the Longfellow poem and the Lillian Hellman play.

Answer: The **Children's Hour**

20. Describing his recent boss as 'a richly qualified leader' who is 'exasperatingly stupid' in his personal life, he noted that Clinton's presidency 'will always be...stained by the episode with Monica Lewinsky.' For ten points, name this spin doctoring successor of Dee Dee Myers, who resigned his position as White House Press Secretary on October 1, 1998.

Answer: Michael **McCurry**

21. His wife's father disinherited her because she married him, and his plot to defraud a neighbor failed, so he decided to seek his fortune in Virginia Colony. He was appointed to the council of Governor Berkeley, his cousin by marriage, but fought with Berkeley over the Indian policy. Favoring territorial expansion, he organized an expedition against the Indians, which Berkeley denounced as a rebellion. For ten points, who took control of most of Virginia before suddenly dying in 1676?

Answer: Nathaniel **Bacon**

22. Architecture of this style, emphasizing asymmetrical design, S-shaped curves, and mirrors, includes the Munich churches of Wieskirche and Vierzehnheiligen. In Italy, the movement was centered in Venice, exemplified by the vistas of Canaletto and the large-scale decorative paintings of Tiepolo. For ten points, name this intimate and playful artistic style most notably favoured by the French painters Perronau, Boucher, and Fragonard.

Answer: **rococo**

23. Although he relentlessly teased his college roommate for getting into Princeton to study acting, years later, as a starving contemporary literature grad student at Yale, his friend Jason Beghe suggested he earn money making commercials, and he never went back to academia. For ten points name this man who went from Lowenbrau ads, to Bruce in 'Don't Tell Mom the Babysitter's Dead' to the studly Fox Mulder on TV's 'The X-Files.'

Answer: David **Duchovny**

24. While a hermit in Subiaco, several monks asked him to lead them, but his regime became

difficult and they plotted to kill him. Upon blessing a pitcher of poisoned wine it broke into pieces, and he fled the area, founding twelve monasteries and destroying the temple of Apollo at Monte Cassino, where he built his premier monastery. For ten points, name this saint who, with the help of his sister Scholastica, wrote the Rule for the order of monks which are now named for him.

Answer: St. **Benedict** of Nursia

25. Rabbi Shlomo Benizri said of her, 'During all the generations the Jewish people sent light to the world, and now we send darkness to the world.' Homosexuality is a crime in Israel and transsexuals have been condemned by government ministers, but--for 10 points--what transsexual singer won the 1998 Eurovision contest for Israel with her song 'Diva'?

Answer: **Dana International** (accept either name)

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Bonuses

1. Name these Supreme Court cases dealing with the separation of powers for ten points each.

A. (10) In this 1944 case, Justice Black argued that the compulsory exclusion of citizens of Japanese ancestry was constitutionally suspect, but justified during circumstances of 'emergency and peril.'

Answer: **Korematsu** v. United States

B. (10) In this 1935 case, known as the 'sick chicken' case, the Court ruled that Section 3 of the National Industrial Recovery Act, which empowered the president to implement industrial codes, was an unconstitutional delegation of legislative authority.

Answer: **Schechter Poultry** Corp. v. U.S.

C. (10) The defendant in this 1957 case refused to give information about former Communists to the Un-American Activities Committee since he believed such questions were beyond the authority of the committee. The court ruled in his favour under the due process clause of the Fifth Amendment.

Answer: **Watkins** v. U.S.

2. Answer the following about Philip Nolan for the stated number of points:

A. (5) For 5 points--Philip Nolan is the title character of what short story by Edward Everett Hale?

Answer: **The Man Without a Country**

B. (10) Philip Nolan may have been based on--for 10 points--what Democratic Ohio Congressman who, while running for governor in 1863, was exiled from the country for criticizing the government?

Answer: Clement L. **Vallandigham**

C. (15) For 5 points for one, or 15 points for both, give the title and author of the poem which chokes up Philip Nolan with this verse:

`Breathes there the man with soul so dead
Who never to himself hath said,
This is my own, my native land!
Whose heart hath ne'er within him burn'd
As home his footsteps he hath turn'd
From wandering on a foreign strand?"

Answer: **The Lay of the Last Minstrel** by Sir Walter **Scott**

3. Identify the following questionable works of art for ten points each.

A. (10) Bearing the name of a miraculous bird in Romanian legend, it is usually known by a more prosaic name. In 1923, U.S. customs would not allow one version of this slender polished bronze statue to be admitted duty free because it was not a work of art.

Answer: **Bird in Space** or **Maiastrea**

B. (10) Although the sculptor was a founding member of the Society for Independent Artists, their 1917 exhibition refused this work signed R. Mutt. The artist called it a brilliant 'ready-made' sculpture; the society called it a urinal.

Answer: **Fountain**

C. (10) Occupying Sonoma and Marin Counties from 1972-1976, this enormous creation consisted of two million square feet of nylon fabric, 90 miles of steel cables, and more than two thousand steel poles.

Answer: **Running Fence**

4. Answer the following about quasars, for ten points each:

A. This Caltech astronomer first identified quasars by detecting their highly redshifted spectra.

Answer: Maarten **Schmidt**

B. Current theories suggest that quasars are the active cores of primordial galaxies containing these supermassive objects.

Answer: **Black holes**

C. Quasars produce their power through this process, by which galactic matter falls into the gravity well of the central black hole, radiating energy through various forms of interaction.

Answer: **accretion**

5. Identify the following for ten points each:

A. (10) This French priest and paleontologist wrote on mammalian evolution, but his more significant philosophical works such as *The Phenomenon of Man* were suppressed by the Jesuit order during his lifetime.

Answer: Pierre **Teilhard** de Chardin

B. (10) Teilhard believed that evolution was a metaphysical process converging to this Godlike final state.

Answer: The **Omega Point**

C. (10) This Tulane physics professor, originally in a scholarly article and later in the popular book 'The Physics of Immortality,' suggested that the Omega Point can occur in certain types of collapsing universes.

Answer: Frank **Tipler**

6. 30-20-10 name the man.

A. (30) A stunt car driver who later did camera work for D.W. Griffith, he served as the chief photographer for President Woodrow Wilson at Versailles.

B. (20) His reputation for creating charged scenes filled with dramatic action was made with such films as *Red Dust* and *Treasure Island* in the 1930's.

C. (10) He is most famous for directing two 1939 films, *The Wizard of Oz* and *Gone With the Wind*.

Answer: Victor **Fleming**

7. Diamonds are a girl's best friend, but orchids are nice too. Answer the following about them for ten points each.

A. (10) Since they are flowering plants, orchids belong to this broad classification of plants which produce seeds within a closed ovary.

Answer: **angiosperms**

B. (10) Orchid roots are unique among the angiosperms since they possess a multi-layer epidermis which provides support, prevents water loss, and assists the plant in absorbing water. For ten points, name it.

Answer: **velamen**

C. (10) This flavouring agent is the only economically important product derived from orchids, specifically those in its namesake genus.

Answer: **vanilla**

8. Baby-switching is more common than one might think. Identify these instances of mixed-up children for ten points each.

A. (10) In this 1889 work, the Duke of Plaza-Toro stole the heir to the throne of Barataria in order to keep him from becoming a Wesleyan Methodist, and his governess Inez substituted her own little boy, leading to great confusion.

Answer: *The **Gondoliers**, or the King of Barataria*

B. (10) In this Verdi opera, Azucena tearfully tells Manrico that he is not her son, but the brother of the Count di Luna. Instead of killing Manrico as she had meant to do, she threw her own child onto the fire.

Answer: *Il Trovatore* or *The Troubador*

C. (10) Twenty-eight years before the action in this play, Miss Prism placed her manuscript in the perambulator and the baby in a handbag which she left in the cloakroom of a London railway station. That baby, who turns out to be the 'title character' after all, was Jack Worthing.

Answer: *The Importance of Being Earnest*

9. Identify these rivers of Siberia for 10 points each.

A. Flowing over 2700 miles from a small lake west of Lake Baikal to the Laptev Sea in the Arctic Ocean, this river is the longest in Russia and one of the longest in the world.

Answer: Lena

B. Beginning at the confluence of the Biya and Katun rivers, it flows northwestward across western Siberia over 2200 miles before emptying into the Kara Sea.

Answer: Ob

C. This river, over 1750 miles long, forms part of the border between Russia and China before turning northeast across Russia and emptying into the Tatar Strait near Sakhalin.

Answer: Amur or Heilongjiang or Kharamuren

10. Answer the following about the author of *The Princess Bride* for 10 points each:

A. Who wrote *The Princess Bride*?

Answer: William Goldman

B. Goldman's book claims to be only an abridgement of whose 'classic tale of true love and high adventure'?

Answer: S. Morgenstern

C. Goldman claims that the Cliffs of Insanity in *The Princess Bride* inspired the most popular scene in what movie which won him an Oscar for Best Original Screenplay, in which the two title characters jump off a cliff?

Answer: Butch Cassidy and the Sundance Kid

11. Mayor Rudolph Giuliani and former Police Commissioner William Bratton are credited with implementing new policies that have had a dramatic effect on reducing crime rates in New York City.

A. Their policies were based on this theory, which states that police should aggressively pursue small infractions and signs of disorder, such as graffiti on walls or jumping subway turnstiles.

Answer: Broken Windows theory

B. One of the authors of the 'Broken Windows' theory is a UCLA political science professor, and the other is probably the nation's most prominent criminologist. Name either of them for ten points.

Answer: James Q. **Wilson** or George L. **Kelling**

C. Wilson and Kelling first published their 'Broken Windows' theory in an article appearing in the March 1982 issue of this magazine, which was founded in 1857 and is still headquartered in Boston.

Answer: **Atlantic Monthly**

12. Name the following composers of musical portraits for the stated number of points.

A. (5) 13 of his 14 'Enigma Variations' are portraits of friends, the exception being his own musical self-portrait.

Answer: Sir Edward William **Elgar**

B. (10) His 'Five Portraits' suite contains portraits of his friend Picasso, painter Nicolas de Chatelain, and American conductor Alexander Smallens, among others.

Answer: Virgil **Thomson**

C. (15) The prelude to this Russian pianist and composer's 'Kammenoi Ostrow' depicts his island home, where the twelve persons depicted had on one occasion all been gathered together.

Answer: Anton Grigoryevich **Rubinstein**

13. Given rulers from Egyptian history, identify the dynasty of which they were a part, for ten points each:

A. 2570-2450 BC; Cheops (Khufu), Chephren (Khafre), Mycerinus (Menkure)

Answer: **Fourth** (4th)

B. 1554-1305 BC; Thutmose III, Akhenaton, Tutankhamen

Answer: **Eighteenth** (18th)

C. 1305-1196 BC; Seti I, Rameses I, Rameses II

Answer: **Nineteenth** (19th)

14. Your bonus.

A. (10) For ten points, identify the red-haired female musician who learned to play the piano at two, entered the Peabody Conservatory at five, and had her first big hit at twenty-eight with the album ~Little Earthquakes.~

Answer: Tori **Amos**

B. (10) Tori Amos is a big fan of this English author of comic books including the 'Sandman' series, and mentioned him in one of her songs.

Answer: Neil **Gaiman**

C. (10) This character in the 'Sandman' series predates Neil Gaiman's friendship with Tori, but Tori Amos is widely considered to have been a model for the later development of this character's personality.

Answer: **Delirium**

15. It's time for Name that Nun! For ten points each:

A. (10) As played by Sally Field, this is the *real* name of the cheeky, charming Flying Nun.

Answer: Sister **Bertrille**

B. (10) Although the body of this nun from Lourdes was said to never have been embalmed in any way, doctors said she was 'perfectly preserved' thirty years after her death, making her sainthood a shoo-in.

Answer: St. **Bernadette** of Lourdes

C. (10) 'In an old house in Paris that was covered with vines,' this cool fictional nun-to-be took care of twelve little French girls and a dog named Genevieve.

Answer: Miss **Clavel**

16. For ten points each, tell me how you would convert between each of the following temperature scales.

A. (10) Celsius to Kelvin

Answer: **$Kelvin = Celsius + 273.15$** or equivalents

B. (10) Fahrenheit to Celsius

Answer: **$Celsius = \frac{5}{9} * (Fahrenheit - 32)$** or equivalents

C. (10) Kelvin to Rankine

Answer: **$Rankine = \frac{5}{9} * Kelvin$** or equivalents

17. Identify these people whose heads were in demand for ten points each.

A. (10) When Salome's stepfather Herod Antipas said he would give her anything she wanted, Salome asked for the head of this man on a platter.

Answer: **John the Baptist**

B. (10) The Lady of the Lake gave Excalibur to King Arthur, but asked a favor in return. The

request turned out to be the head of this knight.

Answer: Sir **Balin**

C. (10) This son of Shiva and Parvati had his head cut off in a battle. To appease Parvati, Shiva agreed to cut off the head of the first living creature he came across and attach it to their son's body.

Answer: **Ganesha** (accept: **Ganapati**)

18. Identify these characters from *Uncle Tom's Cabin* for 10 points each.

A. Uncle Tom's wife is the cook for the Shelby household. Separated from Tom when he is sold, she works for years to save money to finance his repurchase, but he dies at the hands of Simon Legree before she can do so.

Answer: Aunt **Chloe**

B. A parallel story in the novel deals with one family's escape to avoid being split up when their young son is sold along with Tom. The husband, a skilled factory hand and inventor, is a fair-skinned mulatto who can pass for a white man. His wife makes a daring escape from bounty hunters, leaping from one ice floe to the next to cross the Ohio river while carrying their child. Name this couple, who eventually reach safety and freedom in Canada.

Answer: **George** and **Eliza** Harris

19. Name these things you might see in the great state of Wisconsin for ten points each.

A. This building near Spring Green, formerly the home of a famous architect, houses a school of architecture and is named for a Welsh bard.

Answer: **Taliesin** East

B. (10) While the Norwegians flock to perform the Song of Norway at the Cave of the Mounds near Mount Horeb, the Swiss hold an annual pageant in New Glarus dedicated to the worship of this Schiller work.

Answer: **William (Wilhelm) Tell**

C. (10) The home of Caroline Augusta Woodhouse became an official state historical site because she is the title character of what Newberry-award winning book by her daughter, Carol Ryrie Brink?

Answer: **Caddie Woodlawn**

20. Identify these major Aztec deities who are not Quetzalcoatl, for 10 points each:

A. (10) He was the god of rain, thunder, and lightning. His name means 'He Who Makes Things Sprout.'

Answer: **Tlaloc**

B. (10) This god of the night sky, whose name means 'Smoking Mirror,' expelled Quetzalcoatl from his center of power and drove him across the sea. Each year a handsome young prisoner was chosen to represent this god and live the good life for a year before becoming an involuntary heart donor.

Answer: **Tezcatlipoca**

C. (10) This sun god's name literally meant 'Hummingbird of the Left,' or less literally, 'Resuscitated Warrior of the South.' His animal was an eagle and it was he who told the Aztecs where to found Tenochtitlan.

Answer: **Huitzilopochtli**

21. British production studio Aardman Animations is quite busy these days. Answer the following for ten points each.

A. (10) Aardman Animations is best known for three short films, 'A Grand Day Out,' 'The Wrong Trousers,' and 'A Close Shave' that star, for five points each, what wacky inventor and his dog?

Answer: **Wallace** and **Gromit**

B. (10) Aardman's first full-length claymation feature, which will be released in the summer of 2000, will feature the voices of Mel Gibson as Rocky, a Rhode Island Rooster, and Julia Sawahala as Ginger, a plucky British chicken. For ten points, name it.

Answer: **Chicken Run**

C. (10) Aardman designed a four minute video for this band's song 'Viva Forever,' animating the band's members as tin toys in a fantasyland filled with clockwork chickens and giant Rubik's cubes.

Answer: **Spice Girls**

22. Name these publishing empires for fifteen points each.

A. (15) The 1997 purchase of this American publishing house, which represents Norman Mailer, John Updike, and Michael Crichton, from Advance Publications for 1.4 billion dollars made Bertelsmann AG the largest non-textbook publisher in America.

Answer: **Random House**

B. (15) Three reclusive siblings from Stuttgart own this enormous publishing empire which owns premier New York houses Holt, St. Martin's, and Farrar, Straus and Giroux.

Answer: Georg von **Holtzbrinck** Publishing Group

23. Answer these related questions, for the stated number of points.

A. (10) The 1990 Hugo Award winner for the best science fiction novel was patterned after the Canterbury Tales, centering on stories told by 7 people on a pilgrimage to see the Shrike. For 5 points each, identify the novel and its author.

Answer: Hyperion and Dan Simmons

B. (10) The novel contains several references to a well-known epic poem of the same name, with the planet's capital city being named for the poet. For 10 points, name this romantic poet.

Answer: John Keats

C. According to Hesiod's *Theogony*, this Titan was the mother by Hyperion of Helios, Eos, and Selene.

Answer: Thea or Theia