## 1997 Bay Area Summer Quiz Extravaganza <br> Packet by A Light in August

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## Toss-Ups

## (Current Events: World)

1. 1957, 1972, and 1982-83 saw strong effects, but 1997 is currently predicted to be the strongest. The effect would retard recent periods of intense Atlantic hurricane activity and presage another winter of California flooding. What two-word Spanish name is given to--for ten points--these periodic warmings of the equatorial Pacific that change weather patterns worldwide?
answer: El Niño

## (History: Ancient)

2. Much of his life was spent in the service of Agesilaus II of Sparta, although he himself was Athenian. Having left Athens because of his dislike of democracy in 401 BCE, he worked under the Persian prince Cyrus, and after Cyrus' death was elected head of his mercenary force. For ten points, name this man who led the "Ten Thousand" in their fight through the Anatolian peninsula to the Greek city of Trapezus, the basis for his historical work the Anabasis.

answer: Xenophon

(Science: Biology)
3. He theorized that inheritance was the result of the collection of gemmules from the extremities in the gonads whence they could be passed on. This is largely forgotten now, but he was better known in his own time as the premier expert on barnacle taxonomy and for the first correct theory of the formation of coral reefs. FTP, who is this man whose fame today rests on a theory inspired by an 1838 reading of Malthus, extensive breeding of pigeons, and a trip around the world on the Beagle?
answer: Charles Robert Darwin (1809-1882)

## (Literature: English)

4. Divided into four epistles dealing with man's relation to the universe, to himself, to society, and to happiness, the poem is addressed to Lord Bolinbroke, who inspired it. Expressing the deistic philosophy of the author, it declares "whatever is, is right." For ten points-- name this work in heroic couplets, arguably the most famous poem of Alexander Pope.
answer: An Essay on Man

## (Religion)

5. If the number of voters is divisible by three then a two-thirds majority vote is necessary, otherwise it is two-thirds plus one. The scrutinies are written in disguised handwriting and dropped into a gold cup. If nobody wins, they are then mixed with straw. In any case, they are burned twice a day until someone is elected. FTP, what is this race in which the final absence of straw accounts for the whiteness of the smoke?
answer: election of the Pope

## (History: Ancient)

6. His father, nicknamed "Chlorus," died in Britain whereupon the troops proclaimed him Emperor, but he was only recognized as Caesar by Galerius. After Galerius' death, he allied with Licentius and marched against Maxentius, defeating him at Saxa Rubra and slaughtering his men as the fled over the Milvian Bridge. FTP, name this Roman emperor, the first to hold court in Constantinople.
answer: Constantine I (Constantine the Great)

## (Popular Culture: Television)

7. You may remember him from such questions as the 35 -point bonus on washed-up film hunks, but this actor is doing all he can to rejuvenate his career including a sham marriage to Patti Bouvier to help the public forget his scandalous involvement with various marines. FTP, name this star of the musical Planet of the Apes and the host of the Best of the Simpsons' extravaganza.
answer: Troy McClure

## (Science: Miscellaneous)

8. Particles which are never observed directly and violate the relativistic momentum-energy relation; place-holder member functions of base classes which are only defined in inherited classes; images formed by lenses at which no light rays converge; and the " V " in VRML are all uses of this word in the sciences. FTP, identify this very real seven-letter word.
answer: virtual
(History: World)
9. This "mound of the dead" became known in the 1850's when Alexander Cunningham investigated the small, indecipherable seals found among the ancient bricks being used as ballast on the Lahore-Multan railroad. It became a vital source of information about Indus valley culture. FTP, name this sister city of Harappa.

## answer: Mohenjo-daro

## (Science: Geology)

10. It resists acid and high temperatures and is used for laboratory tables and sinks; it is easily cut and often used as an electric insulator; and it's added to pulp to give paper a smooth surface. FTP, name this oily, white, grey, or grayish green metamorphic rock sometimes known as "French chalk" or steatite.
answer: soapstone
accept: steatite until "steatite"
prompt: French chalk until "French"

## (Literature: American)

11. The experience of his father's business failure and attending Harvard on scholarship left him acutely aware of social gradations, an awareness which was to influence his 1930s works Wickford Point and H.M. Pulham, Esquire, but he was also known for his series of books on the Japanese intelligence agent Mr. Moto. FTP, name this American author whose most famous work, subtitled "A Novel in the form of a Memoir," recounts the life of the recently-deceased, tradition-bound, Bostonian George Apley.
answer: John Phillips Marquand

## (Geography: Europe)

12. It forms from the Breg and Brigach springs, and after traversing the Little Alford plain and the Visegrad gorge, it flows through the Iron Gate Gorge, site of a multinational hydroelectric project. In 1992, a canal was completed connecting it with the Main River, allowing navigation from the North to the Black Sea. For ten points, name this 1770 mile long river, the second longest in Europe.
answer: Danube

## (History: American)

13. It built hospitals, provided medical assistance to over 1 million people, distributed more than 21 million rations, built over 1000 colleges, and spent $\$ 400,000$ on teacher-training institutions. Led by Major General Oliver O. Howard, it could be termed the first federal welfare agency. For ten points, name this agency, which between 1865 and 1872 helped millions of former slaves.
answer: Freedmen's Bureau (U.S. Bureau of Refugees, Freedmen, and Abandoned Lands)
(Fine Arts: Music)
14. Supporting characters include Robbins, Maria, Clara, Jake, and Serena. The story is set on Catfish Row where the stevedore Crown and the crippled title character vie for the affections of the other title character, who eventually follows the gambler Sportin' Life to New York City. For ten points, name this work based on a Dorothy and DuBose Heyward play, which is required to be staged with all-black casts by the terms of George Gershwin's will.
answer: Porgy and Bess (accept Porgy before "play")
(Current Events: American)
15. At a Berkeley commencement address in 1986 he said, "Greed is all right, by the way...You can be greedy and still feel good about yourself." Unless, perhaps, the SEC levies a 100 million dollar fine. For 10 points, name this independent arbitrageur sentenced to three years in prison after getting fingered by Dennis Levine of Drexel Burnham Lambert, but who did unto others by giving information that helped bring down Michael Milkin.
answer: Ivan Boesky

## (Social Science: Sociology)

16. He defined social facts as "every way of acting, fixed or not, capable of exercising on the individual an external constraint" and distinguished between mechanical and organic solidarity within the members of a group. This notion led to his explanation of the higher Protestant suicide rate as the result of more group-enjoined organic solidarity vis-à-vis the Catholic church. FTP, name this French sociologist and author of The Rules of the Sociological Method and On Suicide.
answer: Emile Durkheim [DURK-em]

## (Literature: American)

17. His writings touched upon many subjects: Patriotic Gore was a study of American Civil War literature; The Boys in the Back Room was a study of Steinbeck, among others; Axel's Castle probed the Symbolists; and To the Finland Station looked at the thinkers who laid the groundwork for the Russian Revolution. He also found time to edit his friend Fitzgerald's The Last Tycoon after Fitzgerald's death. For ten points, name this American literary critic, editor of Vanity Fair and The New Republic, husband, for a time, of Mary McCarthy.
answer: Edmund Wilson

## (Miscellaneous: Pop Culture)

18. They are led by Zul'jin and operate lumber mills and destroyers. Spending sufficient gold allows them to regenerate, see as far as towers, and do increased damage with their throwing axes. FTP, who are these warriors from Warcraft II who, to the chagrin of the humans, don't spend all their time under bridges?
answer: trollish axethrowers

## (Science: Chemistry)

19. All readings are relative to tetraethylsilane which is assigned a shift of zero. Values of about seven are the signature of phenyl groups while aldehydes and carboxylic acid groups give spikes from 12 to 17. Cyclopropane has one of the smallest readings, a single spike at about 0.2 . The readings measure the splitting of spin energy levels in hydrogen atoms by a varying magnetic field. FTP, what name is given to this spectroscopy technique, usually abbreviated NMR?
answer: nuclear magnetic resonance (accept NMR until "abbreviated")

## (History: European)

20. The Pacific Scandal led to his resignation in 1873. Earlier, he had formed a coalition government in 1854 with Cartier, and in 1864 he and Cartier joined with their main opponent, George Brown. This coalition was successful in its bid for a confederation. For ten points, name this man who in 1867 became the first prime minister of the Dominion of Canada.
answer: Sir John Alexander Macdonald
(Social Science: Paleontology)
21. A single upper jaw found in 1932 instigated an almighty dispute between Simons and Pilbeam who claimed it was the first hominid species $15-30$ million years old [pause] and Wilson and Sarich who used their "molecular clock" to argue that it was only five million years old. FTP, what name was given to this fossil named for an Indian god and avatar of Vishnu who had much to do with the monkeys Hanuman and Sugriva?

## answer: Ramapithecus

## (Philosophy)

22. A super-intelligent alien understands you perfectly and is able to predict your actions in advance. You will be given the choice between taking either one of, or possibly both, of two boxes, one of which contains $\$ 10,000$ and the other contains $\$ 1,000,000$ or nothing. If the alien predicts you'll take both, he puts nothing in the second, otherwise he puts $\$ 1,000,000$ there. FTP, don't pick a box, but tell me what name is given to this famous paradox of logic.
answer: Newcomb's paradox

## (Literature: European)

23. After 8 months in prison he was taken to be executed, but was then told his real sentence was exile. Although already known for the novel Poor Folk, he claimed that his four years in exile were vitally important in his development as a writer. His observations in prison were contained in The House of the Dead. For ten points, name this writer whose other early works include A Friend of the Family, The Insulted and Injured, and Notes from Underground.

## answer: Fyodor Mikhailovich Dostoevski

## (Fine Arts: Visual)

24. Measuring 675 by 528 feet, the interior is austere with no decoration except Doric pilasters. Comprised of five cloisters, the main church, and the monks' living quarters, it was completed in 1584 by Juan de Herrera. With the exceptions of Philip V, Ferdinand VI, and Alfonso XIII, all Spanish sovereigns since Charles V have been interred there. For ten points, name this stark monastery northwest of Madrid, built by Philip II.

## answer: El Escorial

## (Mythology)

25. She killed her brother Absyrtus to help her lover escape. She later tricked two princesses into killing their father so that her lover could become king of Colchis. Later, when her lover abandoned her, she sent his new bride a poisoned garment and killed their two sons. FTP, name this Greek witch who fled in a chariot pulled by dragons, a sorceress and wife to Jason of the Argonauts.
answer: Medea

## (Geography: Africa)

26. The Pare Mountains run from it to the southeast, while its streams feed Lakes Jipe and Amboseli. Containing the Shira, Mawensi, and Kibo volcanoes, it was first observed by outsiders in 1848, although the reports of snow at the summit of Kibo were discounted since, after all, it's only three degrees south of the Equator. For ten points, name this volcanic massif which reaches 19,340 feet, the highest point in Africa.

## answer: Mount Kilimanjaro

## (Current Events: America)

27. Louis Freeh praised his work, claiming that he improved relations with the CIA and "increased the legal support of important operational matters," but he resigned on June 6, 1997 to join the firm of Wilmer, Cutler and Pickering under the cloud of scandal because he alerted the White House to politically damaging material in the file of former White House security chief Craig Livingstone. FTP, who is this former chief legal counsel of the FBI?
answer: Howard Shapiro

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## Bonuses

## (Social Science: Economics)

1. Identify the following quantities from the study of economics for ten points apiece.
a. This is the average number of times that a dollar changes hands within some time period.
answer: velocity of money
b. This is the area below the demand curve but above the price level; it represents resources consumers would have been willing to pay, but didn't have to.
answer: consumer surplus
c. This is a generic term for the percentage change in a some quantity divided by the percentage change in the price of some good.
answer: elasticity

## (Miscellaneous)

2. Identify the creators of the following works for five points apiece.
a. The Rise and Fall of the Third Reich
answer: William L. Shirer
b. The Rise and Fall of the Elites: An application of theoretical sociology
answer: Vilfredo Pareto
c. The Rise and Fall of the Confederate Government
answer: Jefferson Davis
d. The Rise and Fall of Ziggy Stardust
answer: David Bowie
e. The Rise and Fall of Cesar Birotteau
answer: Honoré (de) Balzac
f. The Rise and Fall of Christian Science
answer: Martin Gardner

## (Science: Biology)

3. Answer the following questions related to AIDS for ten points apiece.
a. Which component of the body's immune system is attacked by the HIV virus?
answer: T-cell
prompt: lymphocyte, white blood cells
b. What is the most common infection with which AIDS patients come down as the illness progresses?
answer: pneumocystis carinii pneumonia (PCP)
prompt: pneumonia
c. Recent research has indicated that drugs like ritonavir and indovir show promise in treasting AIDS; to what
general class of drugs do these belong?
answer: protease inhibitors [PRO-tee-ACE]

## (Mythology)

4. Identify the following mythological characters for ten points apiece.
a. This jotun was slain by Odin and his brothers; from him the earth and sky were formed.
answer: Ymir [EE-meer]
b. This worm was slain by Indra and the storm gods; from his the earth and sky were formed.
answer: Vritra
c. This dragon was slain by Marduk; from her the earth and sky were formed.
answer: Tiamat

## (Literature: American)

5. Name these first novels of famous trilogies on a 10-5 basis.
a. (10) It is set in the period immediately before World War I, characters include Fainy McCreary, J. Ward Moorehouse, Eleanor Stoddard, and Charley Anderson.
(5) The other two books of the trilogy are 1919 and The Big Money.
answer: The 42nd Parallel
b. (10) The author admitted that his central character, Frank Algernon Cowperwood, was based on Charles T.

Yerkes, for whom the observatory was named.
(5) The other two books of the trilogy are The Titan and The Stoic.
answer: The Financier
c. (10) It depicts the struggle of power between California wheat ranchers and the railroad.
(5) The second work of the trilogy is The Pit; the third work, The Wolf, was not completed.
answer: The Octopus

## (Religion)

6. Given each description, name the heresy for ten points apiece.
a. Jesus is not divine, merely the perfect man and an instrument for God's will.
answer: Arianism
b. Jesus is not a single person with two natures, human and divine, but two separate people, one human and one divine.
answer: Nestorianism
c. Jesus is a single person and he has only a single nature: divine.
answer: monophysitism

## (Popular Culture)

7. Given each of the following henchmen, identify the Bond villain whom he or she served for ten points apiece.
a. Oddjob
answer: Auric Goldfinger
b. Professor Dent
answer: Dr. No
c. Tee Hee
answer: Mr. Big or Kananga
(History: American)
8. Name these people associated with the presidency of Woodrow Wilson for ten points each.
a. This man resigned as Secretary of State in 1915 in the aftermath of the Lusitania sinking.
answer: William Jennings Bryan
b. As Attorney General, this man deported Emma Goldman and was responsible for "raids" on suspected

Bolsheviks.
answer: A. Mitchell Palmer
c. Called by Wilson "my second personality...my independent self," this unofficial adviser wielded the greatest power in the Wilson White House.
answer: Colonel Edward Mandell House

## (Science: Physics)

9. Given a description of a class of particles, identify the class for ten points apiece.
a. They are composed of three quarks and include protons, neutrons, deltas, and epsilons.
answer: baryons
b. They are fermions which are not composed of quarks.
answer: leptons
c. They are bosons composed of a quark and an antiquark which need not be of the same color.
answer: gluons
(History: World)
10. Name these events of the Sino-Japanese War for ten points each.
a. In a 1931 incident, the Japanese used an allegedly Chinese-inspired railway bombing to occupy this Manchurian city.
answer: Mukden (now Shenyang)
b. In this 1937 incident, shots were fired near a bridge outside Beijing when a marauding Japanese force demanded entry into Wan-ping to search for a missing soldier.
answer: Marco Polo Bridge Incident
c. In 1937 and 1938, some 200,000 men, women, and children were raped, tortured, and killed, despite international protest, in this Chinese city.
answer: Nanking (or Nanjing)
(Social Science: Anthropology)
11. Answer the following questions about the trip of the Kon-Tiki for ten points apiece.
a. From which country did Thor Heyerdahl depart?
answer: Peru
b. At which island did he end his journey?
answer: Easter Island (Mata ki te Rangi)
c. What was the primary building material used in the construction of the Kon-Tiki?
answer: balsa wood

## (Literature: Ancient)

12. The first great playwright to write in Latin was born circa 254 BCE; 20 of his 130 plays survive to this day.
a. For ten points, name this playwright whose works form the basis for the musical A Funny Thing Happened on the

Way to the Forum.
answer: Titus Maccius Plautus
b. One of Plautus' most memorable plays is about a merchant of Syracuse and his indistinguishable twin sons. For ten points each, give the Latin name of this play and the Shakespearean comedy which draws from the idea for its plot.
answer: Menaechmi; The Comedy of Errors

## (Science: Computer Science)

13. Answer the following questions related to database programming for fifteen points apiece.
a. This results-based programming language with commands like "SELECT," "INSERT INTO," and "UPDATE," is the de facto standard for interacting with databases.
answer: structured query language (SQL [SEE-kwel], 89 or 92)
b. This is the generic name for restructuring databases to eliminate redundancies, most usually by storing pointers to a table of values instead of the values themselves.
answer: normalization (normal form)

## (Current Events: America)

14. Apple Computer said good-bye to its CEO of 17 months in July and shook up its Board of Directors. Apple added Jerry York, a former IBM and Chrysler CFO as well as CEOs of three technology companies. For five points each, name those CEOs and their companies.
answer: Steve Jobs from Pixar,
Larry Ellison from Oracle,
Bill Campbell from Intuit

## (Literature: European)

15. Lately, the quiz bowl list has seen a number of posting about those poor, overlooked Canadians. Did you pay the least bit of attention? Name these authors for the stated number of points.
a. For 5 points, this woman is the author of The Edible Woman, Life Before

Man, and Cat's Eye.
answer: Margaret Atwood
b. For 10 points, this man wrote Fifth Business, The Manticore, and World of

Wonders, which comprise the Deptford Trilogy.
answer: Robertson Davies
c. For 15 points, this woman's Manawaka novels include The Diviners, A Jest
of God, and The Stone Angel.
answer: Margaret Laurence

## (History: European)

16. Name this events and things of the reign of Henry VIII for the stated number of points:
a. For 5 points, this 1534 Act made Henry the leader of the church in England.
answer: Act of Supremacy
b. For 10 points, at this 1513 battle, James IV of Scotland, who was allied with France, was killed. answer: Flodden Field
c. For 15 points, in 1539 , this definition of heresy was promulgated.
answer: Statute of the Six Articles
(Fine Arts: Visual)
17. Answer these questions about art movements for the stated number of points.
a. For five points per name, what three painters, a German, a Swiss, and a Russian, led the movement known as Der Blaue Reiter?
answer: Franz Marc, Paul Klee [CLAY], Wassily [vas-SEE-lee] Kandinsky
b. For fifteen points, of which Russian art movement were El Lissitzky, Naum Gabo, and Vladimir Tatlin a part?
answer: Constructivism

## (Literature: Miscellaneous)

18. Name the poets responsible for these famous lines, for five points each:
a. "How do I love thee? Let me count the ways."
answer: Elizabeth Barrett Browning
b. "She walks in beauty, like the night/Of cloudless climes and starry skies."
answer: George Gordon, Lord Byron (accept either)
c. "Gather ye rosebuds while ye may."
answer: Robert Herrick
d. "'Twas the night before Christmas."
answer: Clement Moore
e. "In Flanders fields the poppies blow."
answer: John McCrae
f. "The outlook wasn't brilliant for the Mudville nine that day."
answer: Ernest Lawrence Thayer
(Geography: Central and South America)
19. Untwist that tongue and identify these Mexican volcanoes for ten points each.
a. Nahuatl for "smoking mountain," it lies 45 miles southeast of Mexico City and has been recently active.
answer: Popocatepetl
b. Born on February 20th, 1943, it now rises 1730 feet above the surrounding plain.
answer: Paricutin
c. The third tallest mountain in North America, it is Mexico's tallest mountain.
answer: Citlaltepetl

## (Geography: Asia)

20. Answer these questions concerning straits of the world for ten points each.
a. The Tatar Strait separates Russia from what disputed island?
answer: Sakhalin
b. What strait, named for the island upon which Mount Piñatubo lies, separates the Philippines and Taiwan?
answer: Luzon Strait
c. The Seikan Tunnel, under the Tsugaru Strait, links what two Japanese
islands? [All or nothing.]
answer: Hokkaido and Honshu
(Fine Arts: Music)
21. Name these composers on a $10-5$ basis.
a. (10) This 19th century composer studied for the priesthood, but after winning the Grand Prix de Rome in 1839, composed the oratorios La Redemption and Mors et vita instead.
(5) His most important opera were Romeo et Juliette and Faust.
answer: Charles François Gounod
b. (10) Another winner of the Grand Prix de Rome, but in 1863, he composed 24 opera including Herodiade, Werther, and Le Jongleur de Notre Dame.
(5) He also composed the opera Le Cid and Manon.
answer: Jules Massenet
c. (10) This man lost four times in the Prix de Rome, the last in 1905 leading to such an outcry the director of the Paris Conservatory resigned. His opera are L'Heure Espagnole, or The Spanish Hour, and L'Enfant et les Sortileges, or The Child and the Spells.
(5) Other works include La Valse and a ballet score of note.
answer: Maurice Ravel

## (History: American)

22. Name these chief justices of the U.S. for ten points each.
a. His court was noteworthy for antilabor decisions such as in the Danbury Hatters Case. His majority opinion in U.S. v. E. C. Knight Co. severely limited the power of the Sherman Anti-Trust Act. answer: Melville Weston Fuller
b. During his tenure, the court ruled on Ex Parte Milligan, along with Hepburn v. Griswold, the first legal tender case, in which he spoke for the majority, invalidating "greenbacks" as legal tender.
answer: Samuel Portland Chase
c. His most important decision was in Chisholm v. Georgia; he resigned from the court to become governor of New York.
answer: John Jay

## (Modern Culture: Film)

23. The International Machine Consortium's expenditures of hundreds of billions of dollars had just come under increasing scrutiny...
a. ...in, for ten points, what 1997 movie?
answer: Contact
b. For ten more points, Contact centers upon a receipt of a message from what 0.03 magnitude star 26.5
light years distant?
answer: Vega (Alpha Lyrae)
c. Contact uses two real-life radio astronomy installations as backdrops. For 5 points each, name these locales.
answer: Arecibo, Puerto Rico
Very Large Array (or Socoro, New Mexico)

## (Sports)

24. Baseball executives have been considering a number of realignment proposals. For ten points each, name the following teams involved in these negotiations.
a. What AL Central team wants to jump to the National League to gain an across-state rival?
answer: Kansas City or Royals
b. What new AL West team wants to be relocated into a more eastern division?
answer: Tampa Bay or Devilrays
c. What new NL West team objects to moving to the American League?
answer: Arizona or Diamondbacks
(Current Events: World)
25. Speaking admiringly of Hitler and Stalin doesn't seem like a sound foreign policy move, unless you are a Soviet nationalist emulating an Air Force One Kazakhstani leader.
a. For ten points, what nation with such a leader recently signed a treaty hinting toward future unification with Russia?
answer: Belarus
b. For another ten points, what increasingly authoritarian Belarus leader signed the treaty this spring?
answer: Aleksandr Lukashenko
c. For a final ten points, Lukashenko shut down the Belarus philanthropic operations of what financier, accusing him of currency speculation?
answer: George Soros

## (History: European)

26. Identify the following participants in the revolutions of 1848 for ten points apiece.
a. This man led the Magyars in declaring their autonomy in the March Laws which Habsburg Emperor Ferdinand was forced to accept.
Answer: Lajos (Louis) Kossuth (1802-1894)
b. This great Austrian field marshal was forced to withdraw from Milan in early 1848 but returned to secure

Austrian force-of-arms over the entirety of northern Italy the next year.
Answer: Marshall Josef Wenzel Radetsky, Count of Radetz (1766-1858)
c. Disenchanted with the Carbonari, this man formed Young Italy which took control of Rome in 1848 forcing Pius IX to flee. French troops defeated him in 1849, however, and his influence declined.
Answer: Giuseppe Mazzini (1805-1872)

## (Science: Earth Science)

27. Answer the following questions relating to acid rain for ten points apiece.
a. Name either of the two dilute acids which are the principle sources of environmental damage.
answer: nitric acid or sulphuric acid
b. This element, when leached from the ground by nitric or sulphuric acid, is responsible for massive fish kills in lakes and rivers.
answer: aluminum
c. Most of the damage done to coniferous trees is caused by sulfur dioxide acting to close these respiratory vents on the needles. Name those vents.
answer: stomata
