

1996 Western Invitational  
Berkeley, I  
Game by Partha/David F./Arun/Kiran

1. German has four, Russian has six, and Arabic has three. Finnish has fifteen, and is therefore considered one of the most difficult European languages for speakers of English to learn. They include essive, dative, inessive, illative, ellative, locative, instrumental, allative, and many others. FTP, name this grammatical category, largely replaced in Modern English by placing increased semantic importance on word order.

ANS: CASEs

2. It is a term used by Matthew Arnold in his "The Study of Poetry" to describe a set of passages from Homer, Dante, Milton and Shakespeare against which the quality of other poetry could be measured. The term comes from an object used to measure the purity of gold by examining the streak left when the metal rubbed on this object. FTP, name this literary and metallurgical assay device.

ANS: TOUCHSTONE

3. A Manhattan Project physicist, an English MP, his son, an English PM, and a basketball player ... what name is shared by Owen, Joseph, Neville, and Wilf the Stilt?

ANS: CHAMBERLAIN

4. Although most people think of him as an economist, he holds a joint appointment in the Dept of Sociology. He is famous for extending economic analysis beyond classical economic behavior involving saving and investing and into more traditionally sociological areas such as crime, discrimination, and family structure and dynamics. FTP, name this University of Chicago professor, winner of the 1992 Nobel Prize in Economics.

ANS: Gary S. BECKER

5. He was named after his father -- obviously -- and his sister shared the name of their mother Henrietta. Mother and sister tried to convert him to Catholicism but he remained openly Protestant. On the other hand, to win allies in May 1670, he did promise in a secret clause in the Treaty of Dover to agree to convert to Catholicism. FTP, name this monarch of England played by Sam Neill in the movie "Restoration".

ANS: CHARLES II

6. This empire was formed around 600 AD in the wake of the collapse of the short-lived Chenla kingdom. It flourished under its Hindu god-kings until the eleventh century, when it began to seriously weaken in the face of the expanding Nam-Viet empire in Annam, but it managed to survive until around 1300. FTP, name this empire, whose King Suryavarman II built the monumental Angkor Wat temple center.

ANS: KHMER empire

(Moderator's note: Angkor Wat was built for the royal phallic cult).

7. This Yale graduate is hardly known for his novels, is slightly better known for his social commentary and autobiographical works, but is certainly best known for his vocabulary and his TV show. His novels feature the character Blacksby Oaks. His non-fiction includes "Up from Liberalism" and "God and Man at Yale". FTP, name this man whose vocabulary prominently features gratuitous latin phrases such as "mutatis mutandis" on his TV show Firing Line.

ANS: William F. BUCKLEY

8. It was founded at the turn of the century by John F. Queeny to manufacture saccharine in america. If you know his wife's maiden name, you'd know the name of the company. Notable former employees include Clarence Thomas. It is better known for petrochemicals, plastics, and lately pharmaceuticals. FTP, name this St. Louis company which makes, Equal, Nutrasweet, Ortho garden supplies, and shares its name with the largest park in Lisbon, Portugal.

ANS: MONSANTO

9. It was discovered by Cronin & Fitch in the 1960s. In 1980 they won the Nobel Prize for this discovery involving something slightly unexpected in the decay pattern of K mesons. It helps explain why the equations governing the Big Bang led to a stable-matter-dominated universe rather than one of matter-antimatter annihilation, because it involves the generation of an anisotropy which allows for the determination of a particular sign of electric charge. FTP, name this famous and much-researched breakdown of "symmetry" in physics.

ANS: CP VIOLATION.

[If they buzz in really early and say "symmetry violation and neutral currents in the decay of K mesons" that is probably ok. As for the name of the violation, "Charge-Parity" is ok too.]

10. Saying he was acting under divine guidance, Boston Corbett shot this man, despite having explicit orders not to do so. Fatally wounded, this man was dragged out of the burning barn in which he was hiding, and then uttered his last words: "Useless, useless." A more famous utterance from him was his cry of "Sic semper tyrannis" as he leapt to the stage of Ford's Theater. FTP, name this assassin.

ANS: John Wilkes BOOTH

11. Convicted felon Randal Schwartz, who describes himself as JAPH, wrote the "Llama book" as a pedantic approach to this language. The definitive work on it is, however, the "Camel book" by Larry Wall, the creator of this text-manipulation language. Considering the name of the language, it is surprising that nobody has written an "Oyster book". FTP, name this computer language

ANS: PERL

12. Name is, well sounds, the same:  
His theorem tells us that Hamiltonian systems preserve volume. It is also the



home of the newspaper founded in 1868 by the merger of that town's Journal and Courier newspapers. That newspaper no doubt does a fine job of covering the town's big annual horse race the first saturday in may. FTP: name this largest city in Kentucky whose name is homophonic with an important french mathematician.

ANS: LIOUVILLE/LOUISVILLE

13. It is one of the most inhospitable areas on earth: it has sand-laden winds that sting through layers of clothing, it is scorched by 120-degree temperatures, and its flat landscape is broken only occasionally by dried river beds. Its largely nomadic population of perhaps 100,000 wanders through a territory the size of Colorado. The Spanish called it "Rio de Oro" or "River of Gold", though it has neither. FTP, name this area which has been a bone of contention among Mauritania, Morocco, Algeria, and its own rebel group, the Polisario, since Spain left in 1976.

ANS: WESTERN SAHARA or SPANISH SAHARA

14. Founded in England in 1883, this group held that revolutionary change should be achieved gradually through democratic action. Prominent members included Sydney and Beatrice Webb and George Bernard Shaw. FTP, name this Second International Socialist organization.

ANS: FABIAN SOCIETY

15: It comes from the feudal practice in which a tenant's real property reverts to the lord's ownership upon the tenant's death. It is used to describe what happens when a state gets a deceased person's property, if there are no heirs. If this seems unfair, you'll like this term. FTP, what is the term from the law of probate?

ANS: ESCHEAT

16. Born in 1447 to a Florentine tanner, he displayed early promise as a painter and was sent to the school of Fra Lippo Lippi. In his later years, he occupied himself with illustrating Dante's Divine Comedy, but some of his better-known works include Mars and Venus, Assumption of the Virgin, Primavera, Madonna and Child, and Birth of Venus. FTP, name this Florentine Renaissance artist.

ANS: Alessandro BOTTICELLI

17. According to mythology, this constellation owes his place in the sky to his short service to Hera. Now a sign in the zodiac, he was originally a lowly creature dwelling in Lerna. When Heracles came to slay the Hydra, Hera summoned this arthropod to pinch the hero's big toe. Although he followed orders, he got the rough end of Heracles' club for his troubles, and was crushed. FTP, what constellation is this?

ANS: CANCER the crab

18. James Joyce wrote The Dubliners. This man wrote "Four Dubliners" ... a book about Wilde, Yeats, Joyce and Beckett. He is the Goldsmith Professor of English

Literature at New College, Oxford. Perhaps Professor of Irish Literature would have been more precise -- he is perhaps most famous for his combined biographical and literary studies of Yeats and Joyce ... in fact he even wrote a book called "Yeats and Joyce". He also edited the Norton anthology of Modern Poetry. FTP, name this important scholar and author whose name rhymes with the physicist who took the word "quark" from Joyce's *Finnegans Wake*.

ANS: Richard ELLMANN

19. They come in two varieties distinguished by intention rather than actually being a different activity. The dynamic version is used to change the size of the monetary base. The defensive kind is used to offset other factors that might affect the money supply. Regardless of purpose, they involve the sale or purchase of government securities, usually treasury bills, by the Trading Desk of the Federal Reserve Bank of New York. FTP, what is the collective name of these transactions conducted under the authority of the FOMC.

ANS: OPEN MARKET operations

20. "Awakening of happy feeling upon the arrival in the country", "Scene by the Brook", "Merry gathering of the peasants", "Thunderstorm", and finally "Shepherd's Song" are the 5 parts of what symphony by Ludwig van Beethoven.

ANS: Beethoven's SIXTH symphony. [accept PASTORAL]

21. The topic is Harvard Philosophers who are not WVO Quine! His latest book is *Political Liberalism*. His dissertation was titled "A study in the grounds of ethical knowledge: considered with reference to judgements on the moral worth of character." His fame rests on his 1971 "green monster" ... a hefty volume that examines "the grounds of ethical knowledge" and reaches fairly politically liberal conclusions about "distributive justice". It has become one of the most influential works of political philosophy in the last 50 yrs. FTP, name this author of *A Theory of Justice*.

ANS: John Rawls

22. This 26,500 foot Nepalese mountain was the first +8000 metre peak to be climbed. The 1950 French expedition which successfully climbed it beat out Tilman's ascent of Nanda Devi and were the new holders of the "highest climbed peak" record, which they were soon to lose to Hillary and Norgay on Everest. You probably heard about the 8 people killed in one day on Mt. Everest. More recently two climbers died on this other Himalayan Peak. FTP, name this peak climbed by Louis Lachenal and Maurice Herzog, who was later to write up the expedition in a book named after the mountain.

ANS: Annapurna

23: It is one of the fundamental theories in international trade and plays an important role in the study of trade patterns, public finance and growth models. Two of its implications are "Factor-price equalization" and the



"Stopler-Samuelson Theorem". FTP, name this theory named after two economists which predicts trade patterns based on a country's "endowment" of labor and capital.

ANS: Heckscher-Ohlin Model/Theorem.

24: In game theory, it is defined as an outcome or choice which is preferred by more people when compared to each alternative. It cannot be defeated in a majority vote. It is named after the French Marquis and Enlightenment Philosopher who wrote: An Essay on the Application of Analysis to the Probability of Majority Decisions.

ANS: CONDORCET WINNER

25: It is a bridge convention that used in response to a 1 no-trump opening by your partner that involves temporarily giving up the 3 natural bids of 2-diamonds, 2-hearts, and 2-spades. It is used to shift the lead back to your stronger partner while signaling him to change from no-trump to a suit you are strong in.

ANS: Jacoby Transfer

26: This theorem which is not named after two pianists, one fictional, one real, tells us that for sets A and B, if there is a 1:1 mapping from A to a subset of B, and from B to a subset of A, then there is a 1:1 mapping from A to B.

ANS: Schroeder-Bernstein Thm.

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#### BONUSES

1. We'll give you the first line of a poem, and for 10 points name it.  
If you need the poet, you only get 5 points.

a. "Of man's first disobedience, and the fruit"  
John Milton

b. "A sudden blow: the great wings beating still"  
William Butler Yeats

c. "I saw the best minds of my generation destroyed by madness, starving  
hysterical naked"  
Allen Ginsberg

ANS: a: PARADISE LOST  
b: LEDA AND THE SWAN  
c: HOWL

2. How much do you know about the life and work of the Danish astronomer Tycho Brahe? Answer the following questions about Ty for the stated number of points:

A. For 5 points, who, from 1600, was his assistant?

Johannes /Kepler/

B. For 10 points, how did Brahe die?

/complications due to a ruptured bladder/...or anything similar

C. For 15 points, what was the name of Brahe's observatory, established on the island of Hven in 1576?

/Uranienborg/

3. You can score 30 points on this bonus, but there was only one catch, and that was catch-22. FTP each:

a. first the movie: who directed "Catch-22"?

b. next, the book's sequel: what is the title?

c. finally, what mustachioed character appears as the mess officer in Catch-22 and as an arms merchant in Closing Time?

ANS: a. Mike NICHOLS

b. CLOSING TIME

c. Milo MINDERBINDER

4. Something familiar, something peculiar, a question on the recently revived musical "A Funny thing Happened on the Way to the Forum" for you tonight! Answer these questions about the musical for 10 points each ...

a. Elements of the plot and characters are taken from the plays of this early roman dramatist

b. He wrote the music

c. Complete this line from the famous opening and closing number

"Comedy Tonight" "Nothing that grim, nothing that's Greek!

She plays \_\_\_\_\_ later this week."

ANS: a: PLAUTUS

b: Stephen SONDHEIM

c: MEDEA

5. It's time for another "Where's Gaius?" question.

When last we saw Gaius, he was boarding a ship from New Carthage to Rome. However, he never made it to Rome, because his ship was attacked by pirates. Luckily, Gaius can read and write, which saved him from the life of a galley slave. Nevertheless, as a joke, the pirates made Gaius write, sign, and send several insulting letters -- in Latin, of course -- to rich and powerful men. Identify the following people who will gladly kick Gaius' ass if they ever catch him.

a) (5 points): This aspiring heir to Trajan's throne wants to have Gaius beaten with a stick for making fun of his beard and calling him a sissy.

Ans: HADRIAN

b) (10): This prolific historian is outraged at the accusation of poisoning his own father-in-law, Agricola. As for the charge that he plagiarized the "Germania" and the "Annals", he wants Gaius crucified.

Ans: Cornelius TACITUS

c) (15): This former governor of Bithynia and man of letters resented being called a suck-up for what he wrote at Trajan's succession, and is fuming at being called a softy on the Christians.

Ans: PLINY the YOUNGER or PLINIUS SECUNDUS

6. Identify the revolutionary leader 30-20-10

a. His year of birth is unknown, but it is believed to be 1928, and his

given name at birth was Saloth Sar

b. In 1976 he became prime minister, he became army chief in 1979

b. He officially retired in 1985, but is believed to still head the Khmer Rouge  
/POL POT/

7. The Nationalist (and some say Neo-fascist) movement is gaining considerable strength in this European nation, where its far-right party took 28.2% in October's election.

a) For 5 points, name this country.

AUSTRIA

b) For 10 points, give the English name of Austria's far-right party, whose name -- as one might expect -- conflicts with some of the party's ideals.

FREEDOM party

c) Now for 15 points, name the man accused of being a Neo-Nazi who heads Austria's Freedom Party.

Jorg HAIDER (hider)

8. I'll give you a description of a famous chemist, you give me the element which was named after him for 15 each; if you need the atomic number it's only five. Here's a hint: all of the elements are artificial.

a. (15 point clue) Noted for important

work on radioactivity, he received the 1944 Nobel

prize in chemistry for splitting the uranium atom and discovering the possibility of chain reactions. The development of the atomic bomb was based on his work.

(5 point clue) It is element 105.

/HAHNIIUM/

b. (15 point clue) He was a professor at the University

of St. Petersburg, a government advisor on the development of the petroleum industry, and the director of the bureau of weights and measures

(5 point clue) It is element 101.

/MENDELEVIUM/

9. Identify the Nobel Prize winning writers from a list of works for 10 each

a. Twenty Love Poems and One Song of Despair, Toward the Splendid City

/Pablo NERUDA/

b. Plain tales From the Hills, Soldiers Three, Stalky and Co.

Rudyard KIPLING/

c. The President, The Green Pope, The Eyes of the Interred

/Miguel Angel ASTURIAS/

10. Lets see if you know your Alcohols. Oh, you're from BYU ... tough.

FTP each:

a) A beverage made from brewed and fermented malt, or malt and cereal.

Fuller bodied, and more bitter than beer.

Ans. Ale

b) The term used for the driest of all champagnes

Ans. Brut

c) Its German for "sparkling, clear, light-bodied beer that is aged, and then carbonated.

Ans. Lager

11. Name these Russian writers/poets. Ten each.

a) His works Eugene Onegin, and Boris Godunov have been interpreted into



music by Tchaikovsky, and Moussorgsky respectively.

Ans. Pushkin

b) Though this Russian writer wrote over a thousand stories, his reputation derives mainly from his five plays.

Ans. Chekhov

c) When this giant of Russian literature was about fifty, he evolved his own brand of Christianity. The aim of man, as he saw it was to do right, to love all men, and to free oneself from greed, anger, and lust.

Ans. Tolstoy

12. Identify the country from clues 30-20-10.

a. Since 1992 the center-left coalition government of Socialists and Christian Democrats has been led by Prime Minister Jean-Luc Dehaene

b. Resentment of Dutch rule led to rebellion in 1830 and independence a year later, an 1838 agreement stipulated perpetual neutrality for this nation

c. Relations remain tense between the Flemish-speakers in the north and the French-speakers in the south

/BELGIUM/

13. Identify these painters from clues about their lives for 15, or a list of works for 10. Both painters are from the same country

a. In 1642 his wife Saskia died giving birth to Titus, his only son, who was later to become his favorite subject

b. The Money Changer, The Polish Rider, Aristotle Contemplating the Bust of Homer

/REMBRANDT van Rijn/

a. He spent all his life in Delft, was admitted to the painters' guild and was twice its dean, yet he enjoyed slight recognition in his own lifetime

b. View of Delft, Soldier and Laughing Girl, Young Woman with a Water Jug

/Jan VERMEER/

14. Identify these famous composers from a list of less than famous works for 10 each

a. the opera The Pearlfishers, the Symphony in C Major, and incidental music to Daudet's L'Arlesienne

/BIZET/

b. Rhapsodie Espagnole, Le Tombeau de Couperin

/RAVEL/

c. Nocturnes, La Mer, Prelude to the Afternoon of a Faun

/DEBUSSY/

15. Answer these questions about the now largely-defunct European Free Trade Association, the EFTA.

a. These two countries left the EFTA in 1973 to join the EC, five points each name them

/BRITAIN, DENMARK/

b. This nation joined the EFTA in 1986, replacing this nation which defected to the EC the same year. Name first the nation that left, and second the nation that joined the EFTA in 1986 for five each

/PORTUGAL left, FINLAND joined/

c. When the EC and EFTA agreed in 1991 to form a joint common market, the forerunner of today's European Union, this country was the lone EFTA member



which rejected the pact. Name it for ten points.

/SWITZERLAND/

16. Answer these questions about Canadian provincial capitals for 10 each

a. It's the home of Canada's oldest Anglican church and oldest University

/HALIFAX/

b. From 1883-1905 it was the capital of the Northwest Territories, and is the headquarters of the Royal Canadian Mounted Police

/REGINA/

c. Founded in 1843 as Fort Camosun, a Hudson's Bay Company post, today it is the second largest city in the province, with a metro population of 300,000

/VICTORIA/

17. Answer the following about the Bourbon family for the stated number of points:

A. For 15 points, name the first Bourbon king of Spain, who ruled from 1700 to 1724, and then later in 1724 to 1746.

/PHILIP V/

B. For 5 points each, name

all three KINGDOMS which were ruled at one time or another by Bourbons.

/FRANCE, SPAIN, NAPLES/

18. Name these mathematicians for ten each.

a) This Norwegian mathematician proved the non-existence of a general solution for a quintic equation.

Ans. ABEL

b) His main contribution was the "Rule of Indeterminate Limits".

Ans. L'HOSPITAL or L'HOPITAL

c) His address to the Second Mathematical Congress consisted of a set of 23 problems that he believed would further mathematics.

Ans. David HILBERT

19. What were they formerly known as?

a) (5): Burkina Faso

Ans. Upper Volta

b) (10): Djakarta (Capital of Indonesia)

Ans. Batavia

c) (15): Mumbai

Ans. Bombay

20. Name these physicists

a) His equation led to the prediction of the existence of an anti-electron.

Name him for ten.

ANS: Paul Adrien Maurice DIRAC

b) This American physicist won the Nobel Prize twice for Physics.

Warning -- it's not Marie Curie. Name him for ten.

Ans. John BARDEEN

c) These researchers at AT&T Bell Labs discovered the existence of Background Microwave Radiation. 5 each.

Ans. Arno PENZIAS & Robert WILSON

21. Name these particles for ten each.

a) This class of elementary particles named after an Indian physicist have integer spin.

Ans. BOSONS

b) These particles have half-integer spin.

Ans. FERMIONS

c) This type neutral particle was postulated by Wolfgang Pauli.

Ans. NEUTRINO

22. BONUS: A laid-back question of the california software industry.

For 10 points apiece, answer these "Who, what, where" questions:

[ask for each answer after each question]

a) WHO:

He was born in France and studied mostly number-theory thought his graduate and post-graduate years. In the 1970s he worked on the Pascal language under Niklaus Wirth, in Switzerland. In 1982 he came to the United States, and in 1983, without resorting to any venture capital, he co-founded Borland International.

ANS: Philippe KAHN

b) WHERE:

What out of the way california city is the home to Borland Software?

ANS: SCOTTS VALLEY

c) WHAT:

And for another 10pts, what is the name of Philippe Kahn's new company after his rocky departure from Borland.

ANS: STARFISH SOFTWARE

23. BONUS/HISTORY

It was a year of beginnins and ending. For 30/20/10 see if you can name the year after 1/2/3 clues.

a. Filippo Brunelleschi is born in Florence.

b. It was the last year of the Avignon Papacy ... before Gregory XI returns to Rome.

c. King Edward III dies; Richard II begins his reign in England

ANS: 1377

24. BONUS/LIT

This isnt a questions about Prufrock or the Wasteland but the Plays of T.S. Eliot. Very simply, for 10 points apiece, name the three plays he wrote.

ANS: MURDER IN THE CATHEDRAL

The FAMILY REUNION

The COCKTAIL PARTY

25. BONUS/AmHist

Name the US historian from his work:

5 points: "The significance of the frontier in American history"

10 points: "The paranoid style in American politics"

15 points: "The Creation of the American Republic 1776-1787"

ANS

5: Fredrick Jackson TURNER

10: Richard HOFSTADTER



15: Gordon WOOD

26. BONUS/LAW

Answer these questions on legal terminology.

a. 10pts: It is a legal term defining how much time may elapse before the plaintiff or the state loses the right to bring certain actions.

b. 20pts: It is a legal term which requires certain types of contracts to be in writing.

ANS: a:STATUTE OF LIMITATIONS.

b:STATUTE OF FRAUDS

27. Name these Shakespeare plays from the characters

a) Solinus (Duke of Ephesus), Aegeon (Merchant of Syracuse), Antipholus, Antipholus, Dromio, Dromio.

Ans. The COMEDY OF ERRORS

b) Marcus Antonius, Cassius, Calphurnia, Portia, Cicero

Ans. JULIUS CAESAR

c) Claudius, Horatio, Rosecrantz, Guildenstern

Ans. HAMLET

20T Temporary  
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