

BASQUE 97

Questions by Maribeth Swiatek, Albert Chiu, and Richard Mason
TOSS-UPS

1. Its overture, which is based upon the Pilgrims Chorus, has two versions, the Dresden, and the Paris. The opera opens in the court of Venus, and ends when the Pope's staff springs into bloom. In the mean time, Elisabeth has died believing that her title character lover was unsuccessful in his pilgrimage to Rome. For ten points name this opera which centers around a Song Contest at the Wartburg Castle by Wagner.

ANSWER: TANNHAUSER and the Song Contest at the Wartburg

2. Pierce Brosnan's infant son may or may not have been given his first and middle names after an author famous for the BBC radio broadcasts which later became the collections Adventures in the Skin Trade and Quite Early One Morning. His wife, Caitlin, wrote a novel about him, Leftover Life to Kill, after his death of 'eighteen straight whiskeys' in 1953. For ten points, name this Welsh author of Portrait of the Artist as a Young Dog and Under Milk Wood.

ANSWER: DYLAN Marlais THOMAS

3. Its vitreous form, a semi-crystalline glass made from crosslinked polymers, is an impermeable, low-density material with tetrahedral bonds between hexagonal layers. Another form has no bonds between hexagonal layers, a more valuable form consists of only tetrahedral bonds, and the discovery of a truncated icosahedral form won Rice University researchers the 1996 Nobel Prize in Chemistry. For ten points, name this element, the basis of organic compounds.

ANSWER: CARBON

4. This problem, first proposed in 1852 by a British grad student, was made into a game by Lewis Carroll, although, since the correct conjecture hadn't been proved, he had a wrong answer of five. A proof finally came in 1976 when University of Illinois researchers Kenneth Appel and Wolfgang Haken used a computer to check the reducibility of the vertices of some 2,000 planar graphs. For ten points, name this theorem which states that you only need red, blue, yellow and green crayons to color in a planar map.

ANSWER: FOUR-COLOR (Map) Theorem (or Problem, Conjecture, etc, to appease those Gardnerites who think computer proofs are cheating and Appel and Haken should have to CHECK THOSE GRAPHS BY HAND, DAMMIT!)

5. She sports a 'Thug Life' tattoo on her wrist in honor of Tupac Shakur, to whom she dedicated her collection Love Poems. This Virginia Polytechnic English professor lost half a lung to cancer and says that if she could come back as anything, she'd be a bird, but as a second choice, definitely the command key. For ten points, name this poet and leader of the black arts movement whose works include The Women and the Men, 'Knoxville, Tennessee,' and Racism 101.

ANSWER: Nikki GIOVANNI

6. In 1453, he married Nicolosia Bellini, sister of Giovanni and Gentile, whose works show his influence. He worked for the Gonzaga family and for them created some of his greatest paintings, including the "Camera degli Sposi", an illusion which made a small interior room

appear to be an open-air pavilion. His subjects are often cruelly tormented, as in his "Calvary" and "St. Sebastian". For ten points, name this painter whose most famous work is a series of nine paintings entitled "Triumph of Caesar".

ANSWER: Andrea MANTEGNA

7. Alexandra of Denmark, Victoria Mary of Teck, Caroline of Brunswick, Anne of Denmark, Eleanor of Castille, Henrietta Maria, Margaret of Anjou, Elizabeth Wydville, Isabella of France, Katherine of Valois, Catherine Parr, Jane Seymour, as well as Anne, Victoria, and two Marys and Elizabeths. For ten points, these women were all queens of what country?

ANSWER: QUEENS [Consort] OF ENGLAND or QUEENS [Consort] OF GREAT BRITAIN

8. Named from the Spanish for 'gullet', this son of Grandgousier shouted the words "Drink, drink, drink!" as he was born from his mother Gargamelle's ear. After stealing the bells of Notre Dame to hang around his horse's neck, he defends his father's land from Picrochole's assaults and founds the abbey of Theleme. For ten points name this title character in Rabelais' most famous work, the father of Pantagruel.

ANSWER: GARGANTUA

9. The full title of this work is The Fortunes and Misfortunes of the Famous 'blank', et cetera, who was born at Newgate, and during a life of continued Variety for Threescore Years besides her childhood, was Twelve Year a Whore, five times a Wife, Twelve Year a thief, Eight Year a Transported Felon in Virginia, at last grew Rich, liv'd Honest, and dies a Penitent. For ten points name this picaresque novel by Daniel Defoe.

ANSWER: MOLL FLANDERS

10. In the early part of this century, this salt was extracted from seaweed and other plant sources. Today, it is produced in many countries around the world through a fermentation process of molasses from sugar cane or sugar beets, as well as starch and corn sugar. Many researchers also believe that this substance imparts a fifth taste, independent of the four basic tastes of sweet, sour, salty and bitter. Its taste, called "umami" in Japan, is described by Americans as savory. For ten points, name this flavor enhancer that makes good food taste better.

ANSWER: MONOSODIUM GLUTAMATE or MSG

11. Lieutenant General Homma Masaharu, the Japanese commander of the invasion forces in the Philippines was executed on April 3, 1946. His crime involved 70,000 American and Filipino prisoners of war. It started out from Mariveles on April 9, 1942. After 55 miles of walking to San Fernando, the prisoners were taken by rail to Capas, from where they walked the final 8 miles to Camp O'Donnell. For ten points, name this forced march in the Philippines in the early stages of World War II.

ANSWER: BATAAN DEATH MARCH

12. She was born in Berlin in 1902. Success as a dancer gave way to

film acting when she attracted the attention of film director Arnold Fanck, subsequently starring in some of Fanck's "mountaineering" pictures. She went on to directing which earned her acclaim and film awards across Europe for films like "Olympia," her epic documentary of the Berlin Olympic Games. For ten points, name the woman whose work on "Triumph of the Will", a documentary about her friend, Adolf Hitler, would come back to haunt her after the atrocities of WWII.

ANSWER: Berta Helene Amalie "Leni" RIEFENSTAHL

13. In February, she eloped with her drummer in the middle of recording her fourth album, Surfacing. Tomorrow (August 10) she will be at the Polaris Amphitheatre in Columbus, Ohio taking the main stage after the Indigo Girls finish their set. For ten points, name the woman who created and is headlining the Lilith Fair tour.

ANSWER: Sarah McLACHLAN

14. He is a member of the caste once known as "untouchables" and now commonly called Dalits. In 1948, he returned to India after attending the London School of Economics. He went on to serve as India's ambassador to China and to the United States. For the last five years, he has served as vice president. For ten points, name the first Indian from Hinduism's lowest class to become president.

ANSWER: K.R. NARAYANAN

15. This archipelago is located on the south western part of the Pacific Ocean, and belongs to what is known as Melanesia. The principal island is known as the "Grande Terre." In 1998, a referendum on independence will be held. For ten points name this French overseas territory whose capital is at Noumea.

ANSWER: NEW CALEDONIA

16. Penn and Teller, Randy Travis, Brady Anderson, Coolio, Sally Jesse Raphael, Racquel Welch, Brian Austin Green, Kathy Ireland, and the Violent Femmes have all made guest appearances in the first season of this sitcom. For ten points, name this show based on a famous Archie Comics heroine played by Melissa Joan Hart.

ANSWER: SABRINA, THE TEENAGE WITCH

17. A strap on clitoral stimulator, a vintage Schwinn bicycle, the nickname of the new American Basketball League expansion team, a classic Corvette, and an underwater sea creature. For ten points, give the shared name of each of these things.

ANSWER: STINGRAY

18. Upon the completion of this man's most famous work he was without a source of income. Catherine the Great came to his rescue and bought his library, requesting him to retain the books until she required them, and then appointed him librarian on an annual salary for the duration of his life. Most of his other works like the antinovel Jacques le fataliste (Jacques the Fatalist) and Le Reve de d'Alembert (The Dream of d'Alembert) were published posthumously. For ten points, name the man who was the chief editor of the Encyclopedie, one of the principal works of the Age of Enlightenment.

ANSWER: Denis DIDEROT

19. The enigmatic name of this mythological character may arise from a misreading or typographical error in French. The word "pe'cher" [pay-shay] with an accent aigu [ay-goo] means "to sin". It is because he has sinned that this man is afflicted with a mysterious wound that will not heal. For ten points, identify this keeper of the Holy Grail in Wolfram von Eschenbach's thirteenth-century epic, "Parzival", bearing in mind that the word "pe^cher" [pay-shay] with a circonflex means "to catch trout."

ANSWER: The FISHER KING

20. The Arabs may have been aware of its peculiar nature even before the invention of the telescope, since its name derives from the Arabic word for "demon" or "mischief maker." In 1670 Geminiano Montanari noticed that it varied in magnitude from 2.2 to 3.5. In 1782 John Goodricke observed that the variation was periodic. For ten points, give the common name of the eclipsing variable star Beta Persei, which coincidentally is also the name of a computer language.

ANSWER: ALGOL

21. Suppose that in an election there are more than two candidates. We would like to somehow define the combined preference of the electorate in such a way that it depends only on the preferences of the individual voters, that it always obeys unanimous decisions of the voters, that it is a transitive complete ordering of the candidates, and that no one voter has dictatorial powers. Unfortunately this is not possible, according to, for ten points, what theorem in economics?

ANSWER: ARROW'S Impossibility Theorem
(accept "Arrow" on interrupt; prompt on "impossibility theorem")

22. Racking up a score of 227, in 1997 they were the first British band since Bucks Fizz in 1981 to win the annual Eurovision pop contest. Their winning entry was the song "Love Shine a Light." For ten points, identify this group who had a 1985 smash hit with "Walking on Sunshine."

ANSWER: KATRINA AND THE WAVES (prompt on partial answer)

23. "Know, O prince, that between the years when the oceans drank Atlantis and the gleaming cities, and the years of the rise of the sons of Aryas, there was an Age undreamed of..." For ten points, who came hither, with gigantic melancholies and gigantic mirth, black-haired, sullen-eyed, sword in hand, a thief, a reaver, a slayer, to tread the jeweled thrones of the Earth under his sandaled feet?

ANSWER: CONAN The Cimmerian (a.k.a. The Barbarian, etc.)

24. According to Livy, only twice in the six centuries between Numa Pompilius and Augustus Caesar were the doors to this god's shrine ever closed. Traditionally, they were supposed to be left open when Rome was at war, and closed in peacetime. For ten points, identify this god of doorways, to whom the beginning of the day, month, and year were all sacred.

ANSWER: JANUS

25. "Amity" was the supposed name of the seaside resort terrorized by a great white shark in "Jaws", but the above-water footage in the movie was shot on this real island. Once the home of the world's largest sperm-oil candle factory, for ten points, what now-tourist-dependent island was part of New York until it was ceded to Massachusetts in 1692?

ANSWER: MARTHA'S VINEYARD (prompt on an interrupt of "Jaws")

26. Her father was king of both Poland and Hungary, but on his death in 1382 she became queen of Poland only. At the age of eleven, she was married to Jogaila, the grand duke of Lithuania -- this began the centuries-long union of Poland and Lithuania, and also precipitated the conversion of Lithuania to Christianity. For ten points, identify this woman who was canonized by Pope John Paul II on his visit to Poland this year.

ANSWER: JADWIGA

27. On August 3, she was named as an honorary World Wrestling Federation champion for her efforts to remove entertainment taxes from pro wrestling in her state. Last year this Republican told Bob Dole that she did not want to be considered as a vice presidential candidate. For ten points name the woman who defeated Jim Florio in 1993 to become the first female governor of New Jersey.

ANSWER: Christine Todd WHITMAN

BASQUE 97

Questions by Maribeth Swiatek, Albert Chiu, and Richard Mason
BONUSES

1. Name these people featured on the cover of Today's Chiropractic magazine FTP each.

a) This marketing major recently starred on Broadway in the Will Rogers Follies. Her other roles have included a cameo in Executive Decision and co-hosting the 1996 Miss Universe pageant with George Hamilton.

ANSWER: Marla MAPLES TRUMP (accept either name)

b) He allowed four home runs in one inning in 1994 and led the National League in wild pitches for three consecutive years, but this Braves star managed to clean up his act and win the 1996 Cy Young award.

ANSWER: John Andrew SMOLTZ

c) This daughter of Princess Elizabeth of Yugoslavia debuted as Princess Di in two made-for-TV movies, later starring in Acapulco H.E.A.T. and as Amanda Carrington on Dynasty.

ANSWER: Catherine OXENBERG

2. Identify the battle on a 30-20-10 basis.

30) After the battle, the commanding English general sent home the famous message to his wife Sarah, "I have not time to say more, but to beg you will give my duty to the Queen, and let her know her army has had a glorious victory."

20) Twenty points. Fought on August 13, 1704, the French army under Marshal Tallard was anchored on the right near the Danube River by the city after which the battle was named, while its left was at Oberglau and Lutzingen.

10) Ten points. Using a massive cavalry stroke to break the French center, the Duke of Marlborough and Prince Eugene scored their greatest victory in this battle of the War of the Spanish Succession.

ANSWER: Battle of BLLENHEIM or BLINDHEIM

3. Let me take you back to last year's blockbuster, The Rock. Sean Connery's character John Mason used a quarter to break through a one-way mirror after his meeting with Stanley Goodspeed, Nicholas Cage's character. Can you name the year that was on the quarter? Well, if not, here are some clues to help you out. 30-20-10.

30) Time magazine names King Faisal of Saudi Arabia as its Man of the Year.

20) The Rumble in the Jungle is fought between Muhammed Ali and George Foreman.

10) President Richard Nixon resigns.

ANSWER: 1974

4. Bees may pollinate flowers, but they can also make national celebrities out of kids who study too much.

a) For 10 points, name the home-schooled beast who won the 1997 National Spelling Bee.

ANSWER: Rebecca SEALFON

b) For 5 points, spell euonym (YU-ah-nim). Note: you do not have to scream out the letters like she did.

ANSWER: E U O N Y M

c) For 10 points, name the winner of the 1997 National Geography Bee.

ANSWER: Alex KERCHNER

d) Asia's most densely populated country has about three million people and an area of less than 250 square miles. Name this country for 5 points.

ANSWER: SINGAPORE

5. Time for a really *cool* bonus.

a) Before the invention of Freon in the 1930s, there were two main refrigerant gases used in mechanical refrigerators. Name them for ten points each.

ANSWER: AMMONIA (or NH3) and SULFUR DIOXIDE (or SO2)

b) When a current flows through a circuit made up of two different conductors, or semi-conductors, one junction is cooled while the other is heated. For ten points, identify this principle on which thermoelectric refrigerators operate.

ANSWER: PELTIER effect

6. In their 1997 term the Supreme Court overturned provisions of the Communications Decency Act as unconstitutional under the First Amendment.

a) For ten points, what is the name of the case in which this decision was handed down?

ANSWER: RENO v. American Civil Liberties Union

b) Two justices did not join the majority opinion but concurred in part and dissented in part. For five points each, who were they?

ANSWER: O'CONNOR and REHNQUIST

c) In the closing paragraph of the majority opinion, the Court ridiculed one of the Government's arguments as "singularly unpersuasive." For ten points, what was this argument?

ANSWER: That the presence of unregulated PORNOGRAPHY IS HAMPERING the GROWTH of the INTERNET. (Accept equivalents.)

7. Given a description of the training academy for a country's military forces, identify the institution.

a) Located on the west bank of the Hudson River in New York State, this is the site of the US Military Academy

ANSWER: WEST POINT

b) Located in Berkshire, this site is also known as the Royal Military Academy of Great Britain.

ANSWER: SANDHURST

c) Also known as the L'Ecole Speciale Militaire, this French academy was founded in 1808 by Napoleon at Fontainebleau, but is based at Coetquidan.

ANSWER: Ecole de SAINT CYR

8. Answer these questions about the violin for the stated number of points.

a) Of course, a violin has four strings. For five points, what musical interval separates the note played on one open string from that played on the next open string.

ANSWER: FIFTH

b) Often the violin is not played with the bow but by plucking the strings with the fingers, giving a sharp, staccato sound. FTP what is the musical term given to such playing.

ANSWER: PIZZICATO

c) This term is Italian for 'bow' and indicates to string players that they should resume the use of the bow as opposed to playing pizzicato. For fifteen points, name it.

ANSWER: ARCO

9. Let's see how much you know about isomers. 10 points each.

a) What are isomers that have different atomic connectivities? An example is 2-ethyl-1-butene and 3-methyl-2-pentene.

ANSWER: CONSTITUTIONAL isomers

b) What are isomers that are noncongruent mirror images?

ANSWER: ENANTIOMERS (prompt on stereoisomers)

c) And finally, what is the name for stereoisomers that are not enantiomers and differ in all their physical properties?

ANSWER: DIASTEREOMERS

10. We all know that the Los Angeles Dodgers have won the last five Rookie of the Year awards for the National League, but can you name the last three American League Rookies of the Year on a 10-5 basis. You will get 10 points if you can name them from the year in which they won but only 5 points if you also need the team that they were on.

a) 10- 1996
5- New York Yankees

ANSWER: Derek Jeter

b) 10- 1995
5- Minnesota Twins

ANSWER: Marty Cordova

c) 10- 1994
5- Kansas City Royals

ANSWER: Bob Hamelin

11. If you need the aid of the Celtic gods at this point, it might help to know the names of their festivals.

a) For ten points, name the festival of Summer's-End, or the Feast of the Dead, celebrated on November 1. It was the pagan precursor of the Christian Hallowe'en.

ANSWER: SAMAIN or SAMHAIN

b) For another ten, name the other major festival in the Celtic calendar, dedicated to the god Belenus and celebrated on May 1.

ANSWER: BELTINE or BELTANE

c) Finally, for five points each, name the two lesser feasts marking the beginning of spring and the harvest fair, on February 1 and August 1 respectively.

ANSWER: IMBOLC and LUGNASAD

12. Identify these works by Japanese writer Yukio Mishima FTP.

a) Mishima's first novel, it was published in 1949. Partly autobiographical, it deals with the problems of a homosexual who must hide his preference from society.

ANSWER: CONFESSIONS OF A MASK or KAMEN NO KOKUHAKU

b) This novel is the story of a Buddhist acolyte whose earliest memory is of his mother cheating on his dying father in his deathbed. Eventually, the acolyte burns down a temple because he can never be as beautiful and immune to time as it is.

ANSWER: THE TEMPLE OF THE GOLDEN PAVILION or KINKAKU-JI

c) This cycle presents four incarnations of the same being; a young aristocrat, a political fanatic, a Thai princess, and an evil orphan. It covers the years 1912-1960 and the last installment was delivered to the publisher just hours before Mishima committed seppuku on a balcony in downtown Tokyo.

ANSWER: THE SEA OF FERTILITY or HOJO NO UMI

13. This bonus will test your knowledge of one man bands on a 10-5 basis. You will receive 10 points if you can name the band from the artist behind it, but only 5 points if you need their hit songs.

10- Pauly Fuemana

5- How Bizarre

ANSWER: OMC or OTARA MILLIONAIRES' CLUB

10- Michael Cretu

5- Return to Innocence

ANSWER: ENIGMA

ANSWER: They cannot go to _COLLEGE_ (or _UNIVERSITY_)

18. Identify the following Russian authors from their works for five points apiece with a five point bonus for all correct.

- a) The Heart of the Dog. ANSWER: Mikhail _Bulgakov_
- b) Cancer Ward. ANSWER: Alexander _Solzhenitsyn_
- c) The Silent Don. ANSWER: Mikhail _Sholokhov_
- d) The Fiancee. ANSWER: Anton _Chekhov_
- e) The Thaw. ANSWER: Ilya _Erenburg_

19. Identify the ecumenical council for ten points each.

- a) This council was called by Constantine I in 325 and condemned the doctrine of Arianism.

ANSWER: Council of _NICAEA_

- b) This council was called by Theodosius II in 431 and condemned the doctrine of the Nestorians.

ANSWER: Council of _EPHESUS_

- c) This council was called by Marcian in 451 and condemned the doctrine of the Monophysites.

ANSWER: Council of _CHALCEDON_

20. Neil Armstrong and Buzz Aldrin were the first two men to walk on the moon. For five points each, name any six of the ten other men who have walked on the moon.

ANSWER: Alan _BEAN_, Charles _CONRAD_, Edgar _MITCHELL_, Alan _SHEPARD_, James _IRWIN_, David _SCOTT_, Charles _DUKE_, John _YOUNG_, Eugene _CERNAN_ and Harrison _SCHMITT_

21. From 1558-1666, many architects were appointed to work on St. Peter's Basilica in Rome. Identify three of them FTP.

- a) He was appointed architect at age 71 by Pope Paul III. His design was the one carried out except for the facade and domes. When he died in 1564, he was succeeded by Pirro Ligorio and Giacomo Barozzi da Vignola.

ANSWER: _MICHELANGELO_ Buonarrotti

- b) Appointed architect in 1607, it was during his work that the completed basilica was dedicated to Pope Urban VIII. He died in 1629 before the bell tower and crossing niches were constructed.

ANSWER: Carlo _MADERNO_

- c) Appointed architect upon the death of Maderno, he designed and erected the Cathedra Petri in the western tribune, the colonnade forming the Piazza san Pietro and the Scala Regia. He was the last of the architects to work on St. Peter's.

ANSWER: Gian Lorenzo _BERNINI_

ANSWER: Dr. Eliyahu RIPS

c) For 15 points, in what year does the book predict that Los Angeles will have a "cataclysmic" earthquake?

ANSWER: 2010

26. The motion of a system from time t_1 to time t_2 is such that the value of the line integral, I , is stationary. This means that the one path actually taken by the system is a local minimum or maximum of I . FTP name this principle.

ANSWER: HAMILTON'S Principle or PRINCIPLE OF LEAST ACTION

In classical mechanics, Hamilton's principle can be derived directly from this law and the two descriptions are equivalent. FTP what is this basic physical law?

ANSWER: NEWTON'S SECOND LAW

Hamilton's principle is usually restated in terms of a set of differential equations that give the dynamical equations for a system if the form of the potential is known. Many problems that are difficult to solve using Newton's laws are made simpler by applying these equations. FTP name these equations.

ANSWER: LAGRANGE Equations

27. Name the Economist 30-20-10.

30) He helped to establish the Public Choice Society in 1965.

20) He published The Calculus of Consent with colleague Gordon Tullock in 1962.

10) He won the Nobel Prize for Economics in 1986.

ANSWER: James M. BUCHANAN Jr.