

## Tossups for Felipe Barrio Olive Oil

1. This is the first time there has been evidence that a moon has a magnetosphere. It is also the first time that a magnetosphere has been observed within another magnetosphere. For ten points, name this moon which was visited by the Galileo Spacecraft early in July 1996.

ANS : Ganymede

2. One of their former lead singers went back and recorded new tracks for some of their older songs for release in an upcoming boxed set. Among those early songs are The First of Fifty and The Lamb Lies Down on Broadway. For ten points, name this group whose more recent hits include "Invisible Touch," and "I Can't Dance."

ANS : Genesis

3. In mathematics this word is used to describe a number that is not the root of an equation with integer coefficients. In philosophy it is used to mean "concerned with the a priori or intuitive basis of knowledge as independent of experience". For ten points, what is this word that also means either mystical or supernatural?

ANS : Transcendental

4. Known for her work both during the Gulf War and the recent Bosnian situation, she has gathered much acclaim during her time at CNN. Though it has rarely happened previously, she will retain her CNN job while also reporting for CBS' Sixty Minutes. For ten points, name this journalist.

ANS : Christiane Amanpour

5. "We'll catch the guys who did this, and I promise you it won't be an O. J. Simpson trial" was the comment made by Prince Bandar bin Sultan, Saudi Ambassador to the US, while speaking to an American soldier. For ten points, identify the city in which the soldier was wounded and 19 servicemen were killed during a recent bomb attack.

ANS : Dhahran

6. "Red disk icon and countour bottle are trade marks of..." was what this company's promotional packaging was supposed to say. However, a typo seemed to permeate the packaging and had to be replaced be a sticker. For ten points, name this soft drink company that mistakenly replaced the "s" in disk with a "c"?

ANS : Coca-Cola or Coke

7. He was the producer or co-producer of all 17 James Bond Films. He died of a heart related illness on June 28, 1996. For ten points, name this man who shares his last name with a vegetable that George Bush would not eat.

ANS : Albert "Cubby" Broccoli

8. This company is trying to take business from America On Line by starting a service that is only available to people who are using Windows95. For ten points, which company has inflicted upon the on-line world WOW!

ANS : CompuServe

9. This Las Vegas Hotel, set to open in December of 1996, will feature a Coney Island style roller-coaster, a Little Italy Food Court, and a Central Park casino. For ten points, what is the name of the casino, shared with a Martin Scorsese movie starring Robert DeNiro and Liza Minnelli.

ANS : New York-New York

10. This Peru-born Chilean novelist started out as a journalist. Her uncle was the President of Chile until his death in a 1973 military coup. Her works include "Paula," "Of Love and Shadows," and "The Infinite Plan." For ten points name the author of "The House of the Spirits."

ANS : Isabel Allende

11. These insects of the order Diptera are related to the flies. Actually, they are one of the more common "bugs" during the summer. For ten points, and without losing too much blood, what is the common name for these insects?

ANS : Mosquitoes

12. He was the mathematician who discovered the quaternions, a concept of things similar to numbers that do not follow the commutative law. In other words, a times b is not equal to b times a. He lived from 1805-1865 and was Irish. For ten points, name this great mathematician and physicist whose early works unified the field of optics.

ANS : Sir William Rowan Hamilton

13. This lab uncovered evidence for anomalies that are difficult to explain under the current model of physics when they deciphered more of the data from the search for the top quark. For ten points, name this lab that found the top quark that is located outside of Chicago, Ill.

ANS : Fermilab

14. This university has more students than any other and there is currently talk of modifying its famously-shaped football stadium. For ten points, name this Big Ten school expected to enroll 58,000 students in the fall of 1996.

ANS : Ohio State

15. In production at the same time as "Fail Safe", this film has a strikingly similar plot line. Among the actors in this movie are George C. Scott, a young James Earl Jones, and Sterling Hayden. For ten points, name this apocalyptic Stanley Kubrick film starring Peter Sellers in multiple roles.

ANS : Dr. Strangelove Or How I Learned To Stop Worrying And Love The Bomb

16. This president's house was called "The Hermitage." He was the seventh President of the United States, For ten points name this President who was responsible for the formation of a national bank, as well as being known for his stubbornness.

ANS : Andrew Jackson

17. Headquartered in Newark, Ohio This glass company made some of the finest glassware in the United States from the time they opened in 1896 to the closing of the plant in the 1960's. For ten points, what is the name of this glassware company, now the sight of one of the largest glassware museums in the country.

ANS : Heisey Glass

18. This civilization was one of the most technologically advanced of the ancient world. In one of its cities was rumored to be a monster that was half-man half-bull, inhabiting an intricate labyrinth. For ten points, what is the name of this ancient civilization whose major city was Knossos and was confined primarily to the island of Crete.

ANS : Minos

19. It is a common problem for secular leaders that the religious people do not bow to them. This was especially true in this far-eastern country. For ten points, in what country did monk Hui-Yuan solve this problem with Emperor Huan-Hsuan in 403 AD?

ANS : China

20. This Christian Cathedral was built in the 530's and was, and still is one of the finest examples of architecture ever built. Its name in Greek means "holy wisdom", For ten points name this cathedral built in what is now Istanbul, Turkey.

ANS : Hagia Sophia

21. It is thought that this invention was first made by the work of a single brilliant inventor in Sumeria around 3500 to 3000 BC. FTP, name this invention, also independently arrived at by other civilizations, such as the Mayans, and you better buzz before it rolls away.

ANS : The Wheel

22. She wrote "Wouldn't Take Nothing For My Journey Now" and "I Know Why the Caged Bird Sings". For ten points, name the poet that read her poem "On the Pulse of Morning" at President Clinton's 1993 Inauguration Ceremonies.

ANS : Maya Angelou

23. This bell is housed within Saint Steven's Tower, which is 98 meters high and the bell itself weighs 13.5 Tons. For ten points name this bell, in London, England in the New Westminster Palace.

ANS : Big Ben

24. This artisan, who has a famous book named after him, was born around 1400, he was trained to be a goldsmith, but took up a different profession. For ten points name this person who was more famous for "smithing" his letters.

ANS : Johann Gutenberg

25. In addition to the treaty that bears the names of these talks, in 1974 the United States and Russia reached the Vladivostok Accord. For ten points, what was the name of the talks that put limits on each type of launcher and delivery mechanisms.

ANS : SALT II or Strategic Arms Limitation Talks II

26. The term for this practice originated from the Spanish word for the Carib Native Americans who practiced it and were encountered by Christopher Columbus in the West Indies. For ten points, what trait was exhibited by the Donner Party of pioneers and also in the plane crash depicted in the movie Alive.

ANS : Cannibalism

27. A new material has been developed to help make crash landings safer. It will stop a 727 traveling at 60 miles an hour in less than 400 yards. For ten points, name this foam-like material that is "paved" around the end of a runway to stop the plane if it goes to far.

ANS : Foamcrete

28. Her literary works include "The Story of My Life," "The World I Live In," "The Open Door," and "The Miracle Worker." For ten points, name this American who was stricken by illness at age 19 months and left deaf and blind.

ANS : Helen **Keller**

30. This American author was educated at Dartmouth College and at Oxford University. His first book was "And to Think that I Saw It on Mulberry Street" in 1937. He won an Academy Award for his work on the film "Design for Death" on the Japanese People during WWII. For ten points, name this author of more famous works such as "Horton hatches the Egg," "Horton Hears a Who," and "The Cat in the Hat."

ANS : **Dr. Seuss** or Theodore Seuss **Geisel**.

31. This Scottish author wrote both poetry and novels. His novels include such works as "Waverly," "Old Morality," "The Fair Maid of Perth," "Ivanhoe," and, for ten points, the book on which the recent movie "Rob Roy" was based upon.

ANS : Sir Walter **Scott**

32. Four years ago, before the Barcelona Olympics, a major ad campaign was launched based on the first names of the Americans expected to dominate of the Decathlon. Until one of them did not qualify for the Olympic team. What were, For ten points, these two first names?

ANS : **Dan** and **Dave**

## Bonus Questions for Felipe Barrio Olive Oil

1. (30-20-10) Name the composer from some of his musical productions.

- 30) Anyone Can Whistle, and Assassins
  - 20) Sunday in the Park With George, and Company
  - 10) A Little Night Music, Into the Woods
- ANS Stephen Sondheim

2. Everyone has probably seen a fireworks display at some point this summer, but how familiar are you with fireworks terminology? Answer the following questions about fireworks for ten points each.

a) The name of someone who works with fireworks

ANS : Pyrotech or pyrotechnician

b) The name of the electric "fuse" used to set off a firework

ANS : Squib

c) The effect that is gotten when a chain of shells does not light properly and instead hangs in the air for a period of time.

ANS : hangfire

3. Integrate the following expressions for the stated number of points, don't forget the constants.

(5)  $5x^4 + 4x^3 + 27$

ANS :  $x^7 + x^5 + x^4 + 27x + C$

(10)  $xe^x$

ANS :  $(x-1)e^x + C$

(15)  $1/(x^2 + 1)$

Arctan(x) + C

4. For ten points each what are the units, in SI units, of these physical constants.

- a) Boltzman Constant ANS : joules per degree Kelvin
- b) Faraday Constant ANS : coulombs per mole

5. C.L. Dodgson published two books on logic under his pseudonym "Lewis Carroll." They were books that were enjoyable to read and focused at children, the people that Dodgson loved. For ten points each, name these two works on Logic.

ANS : Symbolic Logic, The Game of Logic

6. For five points each, and a five point bonus for all five, give the name of the company that produces each of these computer products.

- a)123                   ANS : Lotus
- b)Quicken              ANS : Intuit=
- c)PowerPoint           ANS : Microsoft
- d)OS2 Warp             ANS : IBM

7.(30-20-10) Name the rock group

30) Its lead guitarist was quoted as saying "I'm not like John Lennon, who thought he was the great Almighty. I just think I'm John Lennon."

20) Among their non-hits are Some Might Say, Cast No Shadow and Don't Look Back in Anger.

10) They are responsible for the hit "Wonderwall"

ANS : Oasis

8. For ten points each, name the top three candidates in Russia's preliminary presidential election.

ANS : Boris Yeltsin, Gennady Zyuganov, Aleksandr Lebed

9. (30-20-10) Name the model

30) Also an actress, she starred in such notable movies as "Deadly Treasure of the Piranha" and "Wild Angel"

20) In 1974, when she was 19, she signed the largest modeling contract to that date, for \$1 million.

10) She was found dead earlier this month, apparently of a cause related to her epilepsy.

ANS : Margaux Hemingway

10. Given the formula, name the functional group, For ten points each.

- a)NH<sub>2</sub>               ANS : Amino Group
- b)COOH               ANS : Carboxyl Group
- c)CH<sub>3</sub>               ANS : Methyl Group

11.(list) The six most common elements in the human body are: Calcium Carbon Hydrogen Nitrogen Oxygen Phosphorus. Rank these by their prevalence, by mass, in human bodies from highest to lowest.

ANS : Oxygen Carbon Hydrogen Nitrogen Calcium Phosphorus

12. Independence Day is one of the hit movies of the summer. Answer these questions about it for ten points each.

Director Roland Emmerich and Producer Dean Devlin both worked on what other hit film?

ANS : Stargate

Will Smith, the star of ID4, not only released albums such as "He's the DJ, I'm the Rapper" and starred in "The Fresh Prince of Bel-Air" but also previously acted in a 1994 film co-starring with Stockard Channing and Donald Sutherland. Name the movie.

ANS : Six Degrees of Separation

This actress previously worked on TV shows like "As The World Turns" and will, later this year, share the screen with Brad Pitt and Harrison Ford in "Devil's Own". FTP, name this woman, who plays a Presidential Aide in ID4.

ANS : Margaret Colin

13. There are five stages of mitosis, you will get five points for each one that you name, and an additional five if you can name them in the order in which the phases occur.

ANS : Interphase, Prophase, Metaphase, Anaphase, Telophase

14. Given four former Soviet States answer these questions for ten points each. Of Belarus, Lithuania, Russia and Ukraine....

- a) Which is the farthest west? ANS : Russia
- b) which is the farthest east? ANS : Ukraine
- c) Which is surrounded by the other three? ANS : Belarus

15. Order these events from earliest to latest, for five points each and a 10 point bonus for all four correct. The Crossbow is Outlawed; Battle of Tours is fought; Franks Convert to Christianity; Battle of Hastings

ANS : Franks, Tours, Hastings, Crossbow

16. (30-20-10) Name the Historical Figure

30) He was the director of the group that developed the electron microscope.

20) He was born in Russia in 1889, and became an American Citizen in 1924.

10) His work in the 1920's and 30's is what some people are calling the downfall of american civilization, the television.

ANS : Vladimir \_Zworykin\_

17. Out of the following states: Colorado, Idaho, Kansas, New York, Washington answer the following questions for 15 points each about Women's Suffrage.

a) Which state was the first to grant women's suffrage?

ANS : \_Colorado\_

b) Which state was the last to grant women the right to vote?

ANS : \_New York\_

18. (30-20-10) Name the Roman Emperor

30) He was born in 10 BC near present day Lyon, France. He did not hold any public office until the age of 47.

20) He became Emperor in 41 AD, yet his first wife Messalina controlled the government for part of his reign.

10) After ordering the execution of his wife Messalina, he married his niece, Agrippina, and adopting her son from a prior marriage, Nero. He died in 54 AD, having been poisoned by Agrippina.

ANS : \_Claudius I\_

19. Answer these questions for the stated number of points about conductor Arthur Fiedler.

10) Within 3 years, when did he start conducting the Boston Pops?

ANS : \_1930\_ (accept 1927-1933)

15) What instrument was Arthur Fiedler trained on?

ANS : Violin

20. (30-20-10) Name the historian of philosophy

30) His doctoral dissertation was entitled "Philosophy and Social Problem" and was published in 1917.

20) His monumental work was entitled "The Story of Civilization," which appeared in over 10 volumes.

10) He collaborated with his wife, Ariel, on this work, one of the most popular histories of civilization and thought that there is, and won the Nobel prize for the volume entitled "Rousseau and Revolution"

ANS : Will Durant

21. Given the Roman deity give the Greek equivalent, for 5 points each with a 5 point bonus for all three.

- b) Somnus ANS : Hypnos
- c) Juno ANS : Hera
- d) Ceres ANS : Demeter

22. In a boxing match on July 11, 1996 a riot broke out in Madison Square Garden, the cause of this was attributed by low blows on the part of both boxers in this fight. For 15 points apiece, name the boxers.

ANS : Riddick Bowe and Andrew Galota

23. For 10 points each, who played in the 1995 Stanley cup playoff finals.

ANS : Detroit Redwings and New Jersey Devils

24. These two sanskrit works are thought to confer religious benefit upon the audience when they are read. The focus of one is a contest between two noble families and contains the Bahagavad-Gita, the other tells of the birth and life of Rama and literally translates into "Story of Rama." For 15 points each what are the names of these two ancient Indian epics.

ANS : Mahabharata and Ramayana

25. The National Football League now has two conferences and three divisions in each conference. But do you know which conference and division each of the following teams are in, for five points each.

- e) Philadelphia Eagles ANS : NFC East
- f) Cincinnati Bengals ANS : AFC Central
- g) Detroit Lions ANS : NFC Central
- h) San Diego Chargers ANS : AFC West
- i) Chicago Bears ANS : NFC Central
- j) Dallas Cowboys ANS : NFC East