

TOSSUPS -- ROUND 9

LIVE AID 2000 – UTC/UMR/USC

1. Although his first novel is certainly his most celebrated, it wasn't until 1983 – nearly 30 years later -- that this author won the Nobel Prize in Literature. Recent novels include a historical trilogy which portray life aboard an ancient ship at the end of the Napoleonic Wars. FTP, name the author of that trilogy – “Rites of Passage”, “Close Quarters” and “Fire Down Below” as well as the ultra successful “Lord of the Flies.”

Answer: William Golding

2. In 1955, this Texas-born artist produced the first of his “combines,” the most famous of which includes a stuffed goat with a car tire around its middle. His use of junk materials and mass-produced objects in a new context was a critique of American consumerist culture and influenced the Pop Art movement. For ten points, who was the creator of the aforementioned work titled “Monogram,” as well as pieces such as “Bed” and “Odalisk?”

Answer: Robert Rauschenberg

3. Like neutrinos, they have been suggested as a possible phenomenon to account for the missing “dark matter” in the universe. Also like neutrinos, no incontrovertible evidence for their existence was discovered until recently. They have masses much smaller than the sun, but unlike their white cousins, they never achieve hydrogen burning because their small masses-between 10 and 80 times the mass of Jupiter-are insufficient to ignite the reaction. For ten points, name these dark stars that occupy the far lower right corner of the Hertsprung-Russell diagram.

Answer: **brown dwarfs**

4. The current holder of this position resides Himachal Pradesh. The first to bear the title received it in 1578 from Altan Khan. In 1642 Gushri Khan extended the holder's powers to include governing the country as a tributary to the Mongol Empire. As he dies, his soul migrates to the body of a newborn boy, who must then be discovered. Tenzin Gyatso is the current holder of this title; he fled to India in 1959 after an attempt to expel the occupying Chinese. For ten points, give the title that Tibetan Buddhists apply to the winner of the 1989 Nobel Peace Prize.

Answer: (His Holiness, the) **Dalai Lama**

5. Breaking away from the trend of vehicles with large displacement V8s General Motors first introduced this vehicle in 1960 that featured a 190 cubic inch, horizontally-opposed six- cylinder engine that was located in the rear of the vehicle. It was focus of Ralph Nader's 1965 book, “Unsafe at any Speed”, which pointed out some of the vehicle's design flaws. For ten points, name this Chevrolet that was produced for ten years during the 60s.

Answer: Chevrolet Corvair

6. In its simplest form, it can be described by a “payoff matrix” subject to a certain chain of inequalities. Less formally, imagine two people, Joel and Mickey, each arrested for the same crime and placed in isolation cells. A prosecutor offers an easy sentence to each person, if they will only rat out the other. If both confess, both receive full sentences; if both clam up, they both receive the weakest possible sentences. FTP, this describes what thought experiment, originally part of the Rand Corporation's global thermonuclear war related research?
prisoner's dilemma

7. This piano sonata, no. 14 in C-sharp minor, has its slow movement at the beginning rather than the middle, as was the custom at the time. The second movement is marked allegretto and the third movement is marked presto. Originally titled Sonata quasi una fantasia, it was dedicated to the 17-year-old Giullietta Guicciardi. For 10 points- name this 1801 Beethoven work that received its more common name after a critic said it reminded

him of Lake Lucerne at night.

Answer: Moonlight Sonata

8. In this novel, crewmembers such as Donkin and Singleton debate whether the title character is truly deathly ill or merely faking it to avoid doing work. This occurs while sailing on a merchant ship from Bombay to London, a trip whose highlights include a storm off the Cape of Good Hope. FTP name this 1897 Joseph Conrad novel with a politically incorrect title.

Answer: The Nigger of the "Narcissus": a Tale of the Sea

9. From 1875 to 1896, he had 65 of his 200 deputy marshals die in the line of duty. Probably the most famous person to appear before him was Belle Starr for stealing a horse from a crippled boy. In his 21 years as judge over the Indian Territories he sentenced 172 people to death, but only 88 of his hanging sentences were carried out. He even had gallows that would accommodate six people at a time. FTP, name this "Hanging Judge" of Fort Smith, Arkansas.

Isaac Parker

10. Friedrich Wohler first isolated this iron-gray crystalline metal in 1828. It has three electrons in its outer shell, melts at 1,522 degrees and boils at 3,338 degrees Celsius. Its oxide is used to make red phosphorus and color television tubes, and can be found in nature in the minerals gadolinite, euxenite, and xenotime. For ten points, name this element with atomic number 39, which has the abbreviation Y.

Answer: Yttrium

11. This play can be classified as a comedy as the two lovers Valere and Marianna are trying to get together but are continually thwarted by Marianna's father who has become entranced by the title character to whom he has offered his daughter in marriage. However, when the villain is discovered making advances toward Elmire, the home-owner's wife, he is finally exposed. For 10 points name this play whose central target of ridicule is Orgon who has given all his property to the titular religious hypocrite; the playwright is Moliere.

Answer: Le **Tartuffe**

12. They originated in Jutland, migrating to the Oder Valley in the 5th century B. C. During the 2nd and 3rd centuries A. D. they settled along the Danube. In 406 they invaded Gaul, and invaded Spain in 409, fighting the Visigoths and Romans. They moved south and eventually conquered Carthage in 439. They reached their height of power under King Gaiseric, and sacked Rome in 477. For ten points, name this tribe whose name survives as a person who defaces or destroys property.

Vandals

13. In July 1949, he reported that he had found the molecular flaw responsible for the debilitating blood disease known as sickle cell anemia. In 1917 he had attended Oregon Agricultural College (now Oregon State) without having first graduated high school. FTP, name this two time Nobel Prize winner in chemistry and peace.

Answer: Linus *Pauling*

14. In order, he was a surveyor, university student, engineer, director of a technical school, and secretary of a regional Communist Party committee. Then in World War II, he served as a Political Commissar in the Red Army, and advanced in rank to major general. After the death of Stalin he lost his seat in the Politburo, but he regained his seat in 1956, due to his work in Kazakstan. In 1964, he became the second secretary of the Central Committee. FTP, name this man who in 1964, helped depose Nikita Khrushchev, and who became the dominant figure in Soviet politics.

Answer: Leonid Ilich Brezhnev

15. A 1923 earthquake centered near this city killed over 130,000 people and made over one million people homeless. Flooding on three nearby rivers brought the death toll to over 300,000. FTP, name this capital located near the Chiyo, Takimi and Fukuro rivers.

Answer: **Tokyo**

16. In June 1943 the *USS Eldridge*, a destroyer, was reportedly loaded with sophisticated electronic equipment. About a month later, witnesses claimed to see the *Eldridge* become enveloped in a green fog and slowly fade out of site. When it reappeared a few minutes later, the members of the ship's crew apparently felt disoriented and nauseous. FTP give the name of the unconfirmed American experiment that was supposed to make a ship invisible to radar, but reputedly produced very mysterious results on several occasions.

Answer: Philadelphia Experiment or Project Rainbow

17. This TV show ran on the BBC from 1990-1993 and again for a final season in 1995. However, this show has reached such cult status in reruns, both in Britain and on PBS in America, that fans held a convention in England in March 1999. One of its leads, Patricia Routledge, was named the most popular actress in Britain. FTP, name this comedy about Richard and Hyacinth Bucket, their nutty family, and Hyacinth's ever-vain attempts to improve her social standing.

Answer: Keeping Up Appearances

18. In his teens he was a delinquent, and was imprisoned for selling marijuana and for rape. While in prison he educated himself and wrote his memoir. Upon his release in 1966, he joined the Black Panther Party, becoming Minister of Information after Huey Newton was arrested in 1967. In 1968 he fled the United States to escape arrest for parole violations. For ten points, name the militant author of "Soul on Ice."

Answer: Eldridge Cleaver

19. One way that this biological process occurs is fragmentation, when the parent plant is separated into other, smaller plants which each in turn become clones of the parent plant. Another way is the apoximus method, in which seeds distribute themselves without fertilization from another plant. These both are FTP, part of what process that some plants undergo to reproduce in which they require no fertilization.

Ans: Asexual reproduction

20. This author founded Wild Trees Press after publishing the essay collection *In Search of Our Mothers' Gardens* and the book of poetry *Horses Make a Landscape Look More Beautiful*. Novels of hers include *The Third Life of Grange Copeland*, *Meridian*, and *The Temple of My Familiar*. For 10 points-identify this chronicler of the African-American experience in *The Color Purple*.

Answer: Alice Monsenior _Walker_

21. Launched in January 1953, it was built as an attempt to regain glory for the Italian fleet after heavy losses in World War Two. Replete with extensive lido areas and fantastic service, it was also a floating art gallery. It was known as "The Grand Dame of the Sea," and like the *Titanic* before it, it was touted as one of the safest ships in the world. FTP, what ship sank on On 25 July 1956 in heavy fog off of Nantucket Island after the reinforced ice-breaking bow of the Swedish-American liner *Stockholm* tore into its starboard side?

Answer: The **Andrea Doria**

22. It was developed in the mid-eighteenth century at the Harrow school and was first played in the United States in the late eighteenth century. The United States version of the game is slightly different, as it requires a livelier ball because it was originally played in unheated courts. Play begins with the server hitting the ball off of the front wall and into the service area of the opponent. FTP, name this game which is also a homonym for members of the genus *cucurbita*. Ans: Squash

23. Other than unsuccessfully beg President Ismet Inn of Turkey to bring his country into the war, the only thing that occurred at the second part was Roosevelt telling Churchill that he had decided on Dwight Eisenhower as supreme commander of the Normandy invasion. Interrupted by the meeting with Stalin in Tehran, FTP, name

this two part WWII conference which is better known for the western leaders swearing to strip Japan of its colonies.

Cairo

BONI – ROUND 9

LIVE AID 2000 – UTC/UMR/USC

1. Everybody into the pool! Answer the following about swimming at the 2000 Summer Olympics FTPE: Perhaps the star of the Games for the Australians, this 17-year-old swimmer won three gold medals and a silver, while setting or helping set four new world records.

Answer: Ian **Thorpe**

This American won her eighth career gold medal at the 2000 Games, setting the record for career gold medals won by an American woman.

Answer: Jenny **Thompson**

This country, that has only two swimming pools (both at hotels) and no Olympic-sized ones, began a swim team six months before the Olympics. The determination shown by its last-place finishers Eric Moussambani (moo-sahm-BAH-nee) and Paula Barila added touching moments to the Games.

Answer: **Equatorial Guinea** (do not accept: **Guinea** alone)

2. Identify these blood disorders, for 10 points each.

The classic A type results from a decrease in clotting factor VIII, while the B type is due to decreases in clotting factor IX.

Answer: hemophilia

Drugs such as heparin, dicumarol, and warfarin are used to treat this condition common in extended hospitalization where blood clots form within a blood vessel.

Answer: thrombosis

Erythroblastosis fetalis is a blood-borne syndrome in infants caused by a mismatch between mother and child in what blood characteristic?

Answer: Rh factor

3. Name these Louisa May Alcott books, 5-10-15

5 – An alternate title of this work was “Meg, Jo, Beth, and Amy.”

Little Women

10 – This is the final book of the Little Women trilogy, and witnesses the coming-of-age of Dan, Emil, and Nat.

Jo's Boys

15 – Rosamond Vivian tells her grandfather “I’d gladly sell my soul for a year of freedom,” and soon gets swept away by the dreamy but psychotic Philip Tempest in this work, not published until a century after it was written.

A Long Fatal Love Chase

4. Given the individual members, give the collective names of the mythological groups on a 5-10-15 basis.

Stheno, Euryale, Medusa

Gorgons

Alecto, Megaera, Tisiphone

Furies

Adrastus, Amphiaraus, Capaneus, Eteocles, Parthenopaeus, Polynices,

Tydeus

Seven Against Thebes

5.”On behalf of the Empire State I thank you for the great privilege of being allowed to address this convention.”

So began a keynote address to a 1984 political convention by, FTP, what New York politician?

Answer: Mario Cuomo

b. For five points, what party’s convention was Cuomo addressing?

Answer: Democratic Party

3) For 15 points, what literary nickname was given to Cuomo's speech?

Answer: A Tale of Two Cities

10. Name the American physicist, 30-20-10:

30) While still in college he began doing groundbreaking work in the field of superconductivity but was interrupted by WWII when he went to serve as the head of a naval laboratory.

20) Later in his career he resumed his old superconductor work winning a share of a second Nobel Prize in 1972 for developing BCS theory.

10) After the war he joined Bell Laboratories to work on the electronic properties of semiconductors which led to his Nobel Prize in Physics in 1956, along with Shockley and Brattain, for developing the transistor.

Answer: John **Bardeen**

7. FTPE name the following Russian authors from their works:

A: Resurrection, Father Sergius, The Death of Ivan Ilyitch

Answer: Leo Tolstoy

B: The Inspector General, Dead Souls

Answer: Nikolay Gogol

C: A Sportsman's Sketches, On The Eve, Father and Sons

Answer: Ivan Turgenev

8. For ten points each, name the major Supreme Court decision based on the description of the case:

A: This case dealt with privacy, ruling that married couples had the right to choose to use birth control.

Answer: Griswold v. Connecticut

B: This case stated that no hard quotas could be set by colleges, in an attempt to eliminate "reverse discrimination."

Answer: University of California v. Bakke

C: Ruled that any state-mandated or state-sponsored prayer in public schools, regardless of how innocuous it is violated the separation of church and state.

Answer: Engel v. Vitale

9. From 1990 to 1999, five of the ten Oscar winners for best song came from Walt Disney films. For five points each, and a five point bonus for all correct, give the films from which these non-Disney best song winners came.

(5) Sooner or Later (I Always Get My Man)

Answer: **Dick Tracy**

(5) Streets of (blank) (where "blank" is the title of the film)

Answer: **Philadelphia**

(5) You Must Love Me

Answer: **Evita**

(5) My Heart Will Go On

Answer: **Titanic**

(5) When You Believe

Answer: **Prince of Egypt**

10. Given a pair of ill-fated lovers, name the opera for 15 or for 5 if you need the composer and year first performed

A- 15- Leonora and Don Alvaro

5- Verdi, 1862

Answer: La Forza del Destino (also accept: The Force of Destiny)

B- 15- Silvio and Nedda

5- Leoncavallo, 1892

Answer: I Pagliacci

11. Answer the following about Chinese history, FTPE:

A- Name the 1850-1864 rebellion that nearly brought about the collapse of the Qing dynasty.

Answer: The Taiping Rebellion

B- Name the charismatic leader of the Taiping rebellion who claimed to be the younger brother of Jesus.

Answer: Hong Xiuquan (or Hung Hsiu-ch'uan)

C- Name the southern Chinese city that Hong proclaimed as the capital of his Heavenly Kingdom of Great Peace.

Answer: Nanjing (or Nanking)

12. Given a real-valued function, tell where it has asymptotes, if any, and specify whether they are vertical or horizontal. Ten points each, (all or none).

A): $f(x) = 1 / (x - 1)$

vertical asymptote at $x = 1$, _horizontal_ asymptote at $y = 0$

B): $f(x) = \cot x$ (read: "cotangent of x")

infinitely many _vertical_ asymptotes at $x = n * \pi$ for every integer n

C): $f(x) = (x^2 - 2x - 8) / (x^2 - 4)$

vertical asymptote at $x = -2$ ($x = 2$ is not a vertical asymptote; the function is simply not defined there)

13. Jabez Stone is a farmer down on his luck who makes a deal with the Devil.

For ten points each, give the name and the author of this American folktale and the state in which it is set.

Answers: The Devil and Daniel Webster, Stephen Vincent Benet, New Hampshire.

14. 30-20-10, name the Catholic saint.

30. Born in 1506, He was one of the six founding members of the Society of Jesus although he is not Ignatius Loyola.

20. He is one of the patron saints of foreign missions and died off the coast of China in 1552.

10. He was the first missionary to Japan.

Francis Xavier [Prompt on either name]

15. Give the common surname of these men on a 30-20-10 basis.

(30) Brooks was a historian who believed that societies rise and fall according to the growth and decline of their commerce. He wrote "The Law of Civilization and Decay" as well as "America's Economic Supremacy."

(20) Ansel was a photographer of regional landscapes - most notably of the American Southwest. He also wrote technical manuals and helped to found the first college photography departments.

(10) Samuel was an American Revolutionary patriot who signed the Declaration of Independence and was part of the Continental Congress. He was governor of Massachusetts from 1794-97.

Answer: **Adams**

16. Some recent, high-profile events have thrust Peru to the front of U.S. and world foreign policy. Answer these questions about recent Peruvian history, for 10 points each.

(10) Lori Berenson, a 26-year-old New York native being held in Peru, has recently been given a new trial to determine whether or not she was an active member of this so-called "terrorist" organization.

Answer: the **Tupac Amaru** (TOO-pahck uh-MAH-roo) Revolutionary Movement

(10) Though he supported Berenson's 1995 conviction in military court as recently as summer of 2000, this Peruvian president seemed more open to a new trial during a September, 2000 trip the United States.

Answer: **Alberto Fujimori**

(10) Shortly after returning to Peru, Fujimori announced he would step down as president in the wake of a bribery and coercion scandal involving his close adviser Vladimir Montesinos (mon-tay-SEE-nose), the de facto head of this Peruvian equivalent of the CIA.

Answer: the National Intelligence Service or el Servicio de Inteligencia Nacional

17. FTPE name these authors who wrote in Spanish:

A: Born June 5, 1898, this poet and playwright, a member of the Generación del 27, is known for his works discussing conflict between liberty and authority, such as *La Casa de Bernada Alba*.

Federico **García Lorca** [prompt on Garcia or Lorca]

B: This Argentinian author focused on the conflict between fantasy and reality, penning such works as *La Biblioteca de Babel* and *El Aleph* before his death in 1986. Though many of his works are regarded as classics, he never won a Nobel Prize.

Jorge Luis Borges

C: The only one of these three authors still living, this Spanish novelist is best-known for her works exploring betrayal and isolation of children and adolescents. Her more famous novels include *Los hijos muertos* and *Fiesta al noroeste*, but she is familiar to high school students as the only woman on the AP Spanish Literature exam.

Ana María Matute

18. Identify the following related concepts in chemistry, for 10 points each:

A. A notation system where each atom is represented by its chemical symbol, and its outer electrons are noted around the symbol.

answer: Lewis dot notation

B. Lewis dot notation breaks down where there are these multiple interpretations of a molecule's structure, allowing hybrid orbitals.

answer: resonance forms

C. How many resonance forms exists for the nitrate ion?

answer: 3 [The NO₃ structure needs a double bond & two single bonds shared between the 3 N-O connections]

19. Answer these questions about everyone's favorite fine art for 5-10-15 points:

A. Ballet has this many specific numbered feet positions, which form the basis of almost all ballet steps.

Answer: 5

B. For this pose, the dancer stretches one leg straight out to the back and usually one arm out to the front. The back leg may be on the floor or at 45, 90, or 135 degrees.

Answer: arabesque

C. A movement in which the working leg is brushed vigorously either forward or backward. Then, the inertia of the leg is used to turn the body around, so that the body turns 180 degrees away from the leg, which remains where it was.

Answer: fouetté

20. Identify the mountain range from its highest mountain for ten points each.

A): K2

Karakoram Range

B): Toubkal

Atlas Mountains

C): Gora Narodnaya

Ural Mountains

21. Answer the following questions about contemporary social scientists FTPE:

A- This Professor from the University of Chicago and the Institute for Advanced Studies is famous for popularizing the term "thick description" and his 1973 work *The Interpretation of Cultures*.

Answer: Clifford Geertz

B- This Harvard graduate and professor's recent work *Protecting Soldiers and Mothers* has made her known as an analyst of social policy. She was already well established as one of the foremost comparative historical sociologists with 1979's *States and Social Revolutions*.

Answer: Theda Skocpol

C- This family of academics includes Richard, Louise, Charles, and now Charles's son Chris. Of their studies of class conflicts and social change in Europe, the best known works might be *The Contentious French*, *From Mobilization to Revolution*, and their collective effort *The Rebellious Century 1830-1930*.

Answer: Tilly

22. On September 27 a lawsuit was filed in a French commercial court, alleging that a piece of metal fell off one airplane onto the runway, causing another plane to run over it and crash as a result. FTP what kind of plane crashed and killed 114 people, causing the whole fleet of them to be grounded from their usual transatlantic route.

Answer: Concorde

FTP each name the airline whose plane suffered the crash, and the airline they are suing for leaving the stray part on the runway.

Answers: Air France and Continental