**TOSSUPS -- ROUND 1 LIVE AID 2000 -- UTC/UMR/USC**

1. The 1953 film version earned visionary producer George Pal a special 1953 Academy Award for Best Special Effects. Pal’s version is a work of frightening imagination, with its manta-ray spaceships armed with cobra-like probes that shoot a white-hot disintegration ray. Pal also moved the setting further west to California, just as it had been moved from England to New Jersey for the 1938 radio adaptation by Orson Welles. FTP, name this science fiction classic, in which simple Earth bacteria finally conquer the invaders, written by H.G. Wells.

Answer: The War of The Worlds

2. Born in Chapel Hill, Tennessee, he spent most of his childhood in Mississippi. A successful businessman, he had become quite prominent in the Memphis area by the onset of the Civil War. In 1861 he enlisted as a private but was soon given the rank of Lt. Colonel in a cavalry unit he personally paid to outfit. Despite his total lack of military education he proved to be a brilliant tactician and lost only two major battles. FTP name this Confederate general, notorious as the perpetrator of the Fort Pillow massacre and as founder of the Ku Klux Klan.

Answer: Nathan Bedford Forrest

3. One of the more impressive unexplained natural events in recent history this happening occurred June

30, 1908 in the remote reaches of Siberia. The huge explosion that occurred on this day is still unexplained. Possible explanations range from a meteorite or comet colliding with the earth to a UFO crash. FTP give the name of this event, also the name of the isolated region of Siberia in which it occurred.

Answer: Tunguska or Tunguska event

4. Set in 1892 London, all the action takes place within 24 hours on the main character’s birthday.

Pursued by an unwanted lover, she is eventually rescued from the disgrace of adultery by a “woman with a past” with whom she spars for most of the play and eventually turns out to be her long-lost mother. FTP, this describes the plot of what Oscar Wilde play named for a gift the main character gets as a birthday gift?

Answer: **Lady Windermere’s Fan**

5. Usually placed in the family Hydrochoeridae (hydro-ko-er-I-day), it is sometimes placed with the cavy and guinea pig in the family Caviidae (cav-e-e-day). It belongs to two species, one of which may grow to 50 inches long and weigh 110 pounds or more. Both species are vegetarian, sparsely haired, brownish, with blunt snouts, short legs, small ears, and almost no tail. FTP, identify this South American rodent, the largest known on earth.

Answer: **capybara**

6. It had a busy 200 year stretch but is perhaps better remembered for its defeats than its victories. King Darius led its armies across the Danube and battled the Scythians, but fared ill. And then there were those losses at Platea and Marathon in their wars against Greece, and then their dismantling at the hands of the Macedonian king Alexander III. FTP name this empire, which coasted mostly on the initial conquests by its founder, Cyrus the Great

Answer: **Persian Empire**

7. Born on March 25, 1881 in Nagyszentmiklós, Transylvania, he developed his own style of composition, a combination of Wagnerian and Serialist methodologies. His String Quartet no. 1 of 1908 began a series of masterpieces that some string players refer to as the New Testament, but it was not until his 2nd String Quartet that Hungarian folk influence began to predominate his music. FTP name this modern composer of the masterpiece *Music for Strings, Percussion, and Celest* and the opera *Duke Bluebeard’s Castle.*

---Béla **Bartók**

8. A woman hates to stand in line in the grocery store because she's afraid that everyone is watching her. Another person sits in front of the telephone and agonizes because she's afraid to pick up the receiver and make a call. She's even afraid to call an unknown person in a business office about the electric bill because she's afraid she'll be "putting someone out" and they will be upset with her. These scenarios describe, FTP, what mental health care problem, the third largest in the world, affecting 7% of the US population, many of whom, including Donny Osmond are treated with Paxil?

Answer: **Social Anxiety Disorder** (Accept Social Phobia)

9. Born near Winnfield, Louisiana in 1893, he was elected governor in 1928, and began using state funds for such things as hospitals and roads, for which he was promptly impeached, although acquitted, by the state legislature. In 1930, he became a U.S. Senator, but he didn’t resign his governor’s seat until 1932. His successor took orders directly from him. However his great power ended at the Louisiana state capitol on September 8, 1935, when he was assassinated by Carl Weiss. FTP, name this politician, famous for his slogan, “Every man a king.”

Answer: Huey P. Long

10. It was discovered by a NASA chemist working to create oils to facilitate smooth interworkings of the space shuttle’s moving parts. Instead, it came to be used to facilitate smooth interworkings of human parts. Unlike rival K-Y, it is approved by vegans in the UK. FTP, what is the product that “enhances sexual pleasure, relieves dryness, and promotes safer sex practices,” and whose name harkens back to its origins in the space program?

Answer: **Astroglide**

11. He is writing a collection short stories and novellas called “Licks of Love,” which will include a remembrance of his most famous character. Readers will learn what happened to that character’s wife Janice and his son Nelson, from whom the character became estranged over the years before he died in the fourth book named after him. For 10 points, name this author, whose last story about the former high-school basketball star Harry Angstrom will be called “Rabbit Remembered.”

Answer: John **Updike**

12. His grandfather was the first professional librarian at Harvard. His father, who held the Perkins Professorship of Mathematics and Astronomy, said of his son, “he knows more of mathematics now than I ever will, and he makes his brother look like a fool.” This man himself got his degree in chemistry and lectured on logic and philosophy at both Harvard and John Hopkins but maintained an academic position only briefly, was never rewarded for his brilliance and died in poverty and seclusion in 1914.. He composed two original essays, *The Fixation of Belief* published in 1877 and *How to Make Our Ideas Clear* published in 1878, the sum of which outlined the philosophy for which William James is usually better remembered. FTP identify this philosopher, the founder of pragmatism.

Answer: Charles Sanders **Peirce** (pronounced Purse but accept Pierce)

13. Born in 1743, this man would become one of the most politically powerful scientists in Europe during his lifetime. His contributions to science were considerable and he even turned into an experiment his own death at the guillotine. FTP name this Frenchman who debunked the phlogiston theory and first isolated pure oxygen.

Answer: Antoine **Lavoisier**

14. Part of the artist's ~Frieze of Life~ series, fellow artist Christian Skredsvig descrvibed the artist's intent as 'to paint the memories of a sunset, red as blood...no, it was coagulated blood...He longs for the impossible and has despair as to his religion, I thought, but I advised him to paint it." For 10 points--the result was what painting of a despairing figure on a bridge, executed by Edvard Munch.

answer: The Scream (or The Cry)

15. Tolkien described it as more of a long lyrical elegy than an epic. The hero dies when, after being assisted by the loyal Wiglaf, he stabs and kills a pesky dragon. This is a long fall from his youth when he could take on monsters solo and rip their arms off with his bare hands. FTP, Grendel and family were killed by what titular hero of an Old English epic?

Answer: Beowulf

16. Some 20 million years ago, the earth’s crust weakened and tore itself apart. In some places this natural divide is up to 100 km (60 miles) wide, while it reaches its narrowest point just north of Nairobi at 45 km wide. It is at its lowest near Lake Turkana. As it heads south, however, sheer cliffs rising 1,900 km (6,232 ft) form at Lake Naivasha, after which it descends again to 580 meters (1, 902 ft). FTP, name this geological feature that essentially separates Kenya from east to west.

Great African Rift Valley

17. This unit is equal to 10 to the negative 24 per square centimeter. It is used with nuclear cross sections to express the probability of an interaction between an incoming particle and the target material. Its name comes from a scientist exclamation about its large area necessary for one interaction. FTP give this nuclear unit which sounds like a farmer might put hay in it.

Answer: Barn

18. Born in Mamati, he worked in the interior ministry, gaining a reputation as an opponent of corruption. Elected to the Politburo in 1978, he was named foreign minister in 1985 by Gorbachev, but he resigned in 1990, citing differences with Gorbachev and a fear of dictatorship. A year later, he helped defeat the potential coup, and again served briefly as foreign minister, before returning home and winning election in 1992 as Chairman of the State Council. For 10 points, name this Georgian, who recently won re-election as the only president his country has ever had.

Answer: Eduard **Shevardnadze**

19. Its guiding principles were summarized in the Seven Commandments. Later, reflective of changing political climate, commandments were changed, such as adding the words "to excess" to Commmandment Five, concerning alcohol consumption, ultimately leading to consolidation down to the simple statement that all are equal, but some more than others. For 10 points--identify this society, the former Manor Farm, depicted in a novel by George Orwell.

answer: **Animal Farm**

20. Eddie “Fingers” Ojeda said that Al Gore deserves some of the credit for a booming economy, and Jay Jay French cites Gore’s experience and connections which will enable him to push his agenda through Congress. The lead singer, now a DJ in Hartford CT, believes that the environment is the foremost issue in the campaign, so he and the rest of the band are ready to let bygones be bygones, and throw their support behind Al Gore. Thus ends one of the great feuds in modern political history. For 10 points, name this heavy metal band, singled out by Tipper Gore’s Parents Music Resource Center in 1985, fronted by Dee Snider.

Answer: **Twisted Sister**

21. She was said to be the daughter of Re (RAH), and in her cult center at Dandarah in Upper Egypt, she was worshiped along with Horus. But she stood on her own throughout much of Egypt and abroad, for she was the patroness of foreign lands. She was especially important to women, who wanted to be assimilated with her in the next world, just as men wanted to become Osirus. Her role as the goddess of women, fertility and love prompted the Greeks to associate her with their own goddess, Aphrodite. FTP, identify this ancient Egyptian goddess usually represented in the form of a cow.

Answer: Hathor or Athyr

22. This word, which originally had a quite different meaning from today’s accepted definition, is a shortened form of two words, one of which is the title of a character from Chaucer’s *Canterbury Tales*, more specifically the Reeve. In feudal England, each shire had a reeve who governed and enforced the King’s rule in the shire. At least that was the theory, since according to legends, some shires, particularly Nottingham, proved quite difficult to impose lawfulness over. FTP name this word, which today refers to a high-ranking member of the police force.

*Answer: sheriff*

23. Though it is the sixth most common non-English language spoken in America, this language is not the official tongue of its native land. However, it did serve as a base for the country's official language, which was created in 1936. In its own country, it is spoken mostly by people on the main island of Luzon. FTP, identify this commonly spoken Asian language, a language of the Philippines.

\_Tagalog\_ (accept reasonable pronunciation)

**TOSSUPS -- ROUND 2 LIVE AID 2000 -- UTC/UMR/USC**

1. Except for a little instruction from the composer Mily Balakirev, this composer was mostly self-taught, which is perhaps why he used very bold and unorthodox harmonies that he had taken from Russian folk music. FTP, name this Russian composer whose masterwork include Pictures at an Exhibition and the opera Boris Godunov. Ans: Modest Mussorgsky

2. Begun by Chen Menglei and finished by Jiang Tingzi, it consisted of no fewer than 10,000 chapters with a table of contents of 40 chapters and was so large only 64 copies were printed. Entitled “Collection of texts and illustrations old and new”, FTP, name the kind of book described which today has versions by Colliers and Microsoft.

Answer: **encyclopedia**

3. An early proponent of peaceful coexistence with whites in the Southwest, this chieftain forced his tribe to get along with local whites until he was falsely accused of cattle rustling and captured by U.S. Army Lt. George Bascom in 1861. He escaped despite three bullet wounds and led his tribe, the Chiricahuas, as well as many other local Apache tribes in a fierce war against the army. He finally made peace in 1871 with General George Crook. FTP name this Apache chieftain whose name was later given to one of the largest counties in Arizona.

Answer: Cochise

4. Although overshadowed in his lifetime by Newton, among this man’s achievements were explaining the motion of a pendulum (which led to the first successful pendulum clock) and explaining the rings of Saturn. His greatest achievement however was probably his wave theory of light which he first put forward in 1678 and which was first published in its complete form in 1690. FTP name this Dutch scientist.

Answer: Christiaan Huygens

5. A German spy operating in Great Britain during World War II comes across a secret involving the D-Day invasion that would almost guarantee a Nazi victory at Normandy. For ten points, name this 1978 novel by Ken Follett that tells the tale of Nazi agent Henry Faber, known by his code name “Die Nadel” (pron. Dee Nah-dull), as he attempts to get his information safely back to Germany before the allied invasion.

*Answer: Eye of the Needle*

6. It is separated into four main branches: Koshitsu, Shuha, Folk, and Jinja. Although there is no official doctrine, all practitioners of this religion worship the Kami, which is a collection of deities, famous people from the past, spirits of nature, and mythical objects. For ten points, name this religion which was formed during the 4th century BC by the natives of Japan.

*Answer:* **Shinto** or Shintoism

7. Between 1871 and 1883 he worked as a locomotive fireman, wholesale grocer, and city clerk in Terre Haute, Indiana. In 1885, he served in the Indiana legislature. At the same time, he was an officer of the Brotherhood of Locomotive Firemen before resigning in 1893 to head the American Railway Union. While in prison in Woodstock, IL, he was converted to socialism by Victor Berger. For 10 points, name this labor leader who won 1,000,000 votes for President from prison in 1920.

Answer: Eugene Victor **Debs**

8. The Denver Post has called his new non-fiction work part Jack Kerouac, part William Least Heat-Moon, part travelogue, and part memoir. The collection of essays is not as much about “Roads”, the book’s title, as it is about restlessness. Writing about his all-night interstate drives, these jaunts are therapeutic, a break from the sprawling antique book business he's built in Archer City, Texas, his childhood hometown. FTP, name this author whose most recent fiction novel is “Duane’s Depressed”, the final book in The Last Picture Show trilogy.

Answer: Larry **McMurtry**

9. It’s caused by a type of pathogen known as filovirus, and is classified as a disease type known as a hemorrhagic fever. After an incubation period lasting between four and sixteen days, the victim begins to receive symptoms similar to that of a bad case of the flu. A few days later, a red rash starts growing on the skin and the victim begins to bleed from all orifices. These symptoms all occur because the victim’s internal organs, especially the liver and spleen, are being eaten away. For ten points, name this virus which was first documented in Africa in 1976 and has a fatality rate ranging from 40 to 90 percent, depending on the strain.

*Answer:* Ebola

10. This series of poems, mostly love songs addressed by a man to a woman, contains the description of a dream, a description of a woman as “the loveliest of women,” and how a woman’s “hair dances like a flock of goats bounding down the hills of Gilead.” Those who see it as an allegory for the love of God have trouble explaining lines like “Thy breasts are as twin roes…” FTP name this 8- chapter book of the Bible, also known as the Song of Songs.

Song of Solomon (accept “Song of Songs” before it is mentioned)

11. First surveyed in 1883, this 53-mile long, 2,700-feet deep feature was made a national monument in 1933.. Carved out by its namesake river as it approaches the Colorado River, the central gorge is narrow and deep enough that its walls of schist and gneiss (NEES) are shrouded in shadow most of the day. Located near the city of Montrose, Colorado, even with additional land newly acquired from private owners, at 30,000 acres it’s one of the United States’ smallest parks.. FTP, name this newest National Park upgraded from a National Monument on October 21, 1999.

Answer: **Black Canyon of the Gunnison** National Park

12. Said to be a representation of the novel’s author, the story of Konstantine Levin’s marriage focuses on courtship, marriage, and the ordinary incidents of family life, which, in spite of many difficulties, shape real happiness and a meaningful existence and provides a strong contrast to the tragic love affair of the two major characters. Throughout the novel, he is tormented by philosophical questions about the meaning of life in the face of death. Although these questions are never answered, they vanish when he begins to live correctly by devoting himself to his family and to daily work in, FTP, what novel of Leo Tolstoy?

Answer: **Anna Karenina**

13. Extant since the 6th century BCE, its inspiration, like many doctrines, lies in mathematics because it stresses the superiority of the deductive over all other methods in point of certainty. In opposition to empiricism, it asserts that that the materials of knowledge are derived not from experience, but rather deductively from fundamental elementary concepts. FTP, what method of inquiry practiced by Descartes, Leibniz and Spinoza states that because reality itself has an inherently rational structure, there are truths that the intellect can grasp directly?

 Answer: **Rationalism**

14. He has managed to avoid jail time again, having been sentenced to five years' probation and three months of house arrest for tax evasion in 1990. This isn't his first brush with the law, though -- he was convicted of buying crack from an undercover police officer earlier this year, but got 18 months' probation for that crime. For 10 points, name this former North Carolina and New York Giants linebacker, whose legal entanglements did not prevent his induction into the Hall of Fame in 2000.

Answer: Lawrence Taylor

15. **A nonmolecular version of this element** has been recently observed by scientists at the Carnegie Institution of Washington. Because of the triple bond involved, its diatomic form is one of the most strongly bonded simple molecules in nature. A single atom of this element has not been seen at ambient conditions and was thought to exist only under conditions of very high pressure, such as those one might find at the core of Jupiter. In this state, the element appears to be semiconducting. FTP, name this abundant element with atomic number 7.

Answer: *nitrogen*

16. Currently led by Charles Kennedy, after the long tenure of Paddy Ashdown, they realize they have no chance of winning the next election, and merely hope to gain a few seats. For a few years the centrist party, with the advent of Tony Blair and "New Labour", they have suddenly found themselves the leftmost group in the British political spectrum. FTP, name this third political party of British politics.

The \_Liberal Democrats\_ or \_Liberal Democratic Party\_ ; accept Liberal Party

17. Machines called area detectors, the convolution theorem, and Patterson calculation are used in this technique although the best known tool is Bragg's law. FTP identify this method of determining molecular structure, most famously performed on DNA by Rosalind Franklin.
Answer: **X-Ray** (\_Diffraction\_ OR \_Imaging\_ OR \_Crystallography\_)

18. This man was one of the initial crew members on Saturday Night Live, the creator of a late-night puppet show called Sam and Friends, and an Oscar nominee for a surrealistic short entitled Timepiece. He considered his best work to be on the series “The Storyteller.” However, it was his work on shows such as Sesame Street and Fraggle Rock that made this man endeared to many Americans. For 10 points, name this creator of the Muppets.

 Jim \_Henson\_

19. Considered the first heavy artillery battle, it took place on September 7, 1812, between the Russian army of Tsar Alexander I and the French army of Napoleon only 70 miles away from Moscow. The death toll reached 108,000, but neither side could claim a decisive victory. FTP, give the name this battle.

 Battle of Borodino Field

20. According to research published in the Journal of Medical Genetics, he died of hereditary haemmorrhagic telangiectasia, which means that he spent the last 20 years of his life needlessly traveling the world in search of warmer climates to cure what he was told was tuberculosis. For 10 points, name this man, who died in 1894, but not before writing The Wrong Box, David Balfour, A Child’s Garden of Verses, and Treasure Island.

Answer: Robert Louis **Stevenson**

21. It was founded circa 860 A.D. by a brotherly pair of Greek monks. It was derived from the Greek alphabet and shares several letters with both that alphabet and the Roman alphabet. But write a "P" and it will be pronounced "rrah"; and a "C" will be pronounced "suh." For 10 points, identify this alphabet, used in Serbia, Macedonia, and Russia and named after one of its founders, a saint.

The \_Cyrillic\_ alphabet

22. Officially designated the M1928, this weapon has a rate of fire of 600 to 800 rounds per a minute. The need for this weapon came from the trenches of WW1 when American troops needed some kind of “Trench Broom” to sweep the trenches clear of opposition. FTP name this weapon that came out too late to aid the doughboys in France, but readily found a market after the war during prohibition with bootleggers.

Answer: Thompson submachine-gun or Tommy Gun

23. On December 20, 1922, J. G. Tierney became the first, and thirteen years later, on December 20, 1935, his son Patrick W. Tierney became the last of the 112 men who died during its construction. Its design was first proposed in the Fall-Davis report, a recommendation proposed to Congress under the Kincaid Act of 1920. The project itself was given over to a construction conglomerate known as Six Companies, and under the leadership of Frank Crowe, it was completed two years ahead of schedule and under budget. Crowe’s project would require enough concrete to lay a two-lane highway from Los Angeles to Boston, though contrary to popular legend; no one is buried in it. For ten points, name this dam, whose original namesake visited it only once.

Answer: **Hoover** Dam or **Boulder** Dam

**TOSSUPS -- ROUND 3 LIVE AID 2000 -- UTC/UMR/USC**

1. If two or more chemical equations are combined by addition or subtraction to give another equation, then adding or subtracting changes in enthalpies for these equations in the same way gives the enthalpy change associated with the resultant equation. FTP, name this law in chemistry.

Hess’s Law

2. In her work, All Men are Mortal, she tells the tale of Regina, an up and coming actress and her newly found friend Fosca, an immortal thirteenth century aristocrat. This story explores several key existential themes such as the meaningless of death and emotion. Her existentialist ideas were influenced by Sartre and she lived with him for a good deal of her life. FTP, name this leading existentialist whose best known work is The Second Sex.

Ans: Simone Lucie-Ernestine-Marien-Bertrand de Beauvior

3. The second carrier of this name (CV-16) now stands at anchor off the coast of Corpus Christi, TX. It was used as a stand-in for a Japanese vessel during the filming of “Midway”, and now may be used again in Jerry Bruckheimer’s forthcoming “Pearl Harbor.” The first, CV-2, was badly damaged by the Japanese during the Battle of the Coral Sea, eventually being scuttled. For 10 points, give the common name.

Answer: USS Lexington

4. He placed his hand in the mouth of the giant wolf, Fenrir, to show good faith as the rest of the gods, pretending sport but intending a trap, chained the wolf. Upon realizing that it was a trick, Fenrir bit off his hand. For ten points, name this Norse god, also called Tiu, Tiw, Tiv, Tiwaz, who was the god of war and of justice from whose name Tuesday is derived.

 \_Tyr\_ (accept Tiu, Tiw, Tiv, or Tiwaz on an early buzz)

5. Patriarch Johann is vigorous and prosperous, while his son Thomas is a philosophical dabbler, and Thomas' brother Christian goes insane. Hypersensitive Hanno dies of typhus to end the line of--for 10 points--what title family of a Thomas Mann novel?

answer: \_**Buddenbrook**\_s

6. Developed in part by Norwegian Jon Johansen, Eric Corley published it on his web site. In a self-described act of "online civil disobedience," Corley, AKA Emmanuel Goldstein, published links to copies of the source code located elsewhere, after being forced by the Motion Picture Association of America to remove the software itself from 2600.com. FTP, what is this controversial piece of software, putting the Digital Millennium Copyright Act to the test, which may be used to illicitly decode and thus view DVDs downloaded from the Internet?

 \_DeCSS\_ (read: "DEE-C-S-S"; the CSS is for "Content Scramble System")

7. With a name meaning “chick-pea,” you might not think that this Roman would amount to much. Born in 106BC in Arpinum, he made his first appearance in the Roman Courts in 81BC defending Quinctius. Though he relied on Pompey for military support, he rose to the consulate in 63BC. FTP name this silver-tongued orator of the *Pro Caelio.*

--- Marcus Tullius **Cicero**

8. Born on June 9, 1915, this man is credited with pioneering recording techniques such as sound on sound, overdubbing, the electric reverb effect, and multi-track recording. In the 1940s, he stacked together and synchronized eight Ampex tape machines, effectively creating the first eight-track. However, he is best known for playing his guitar into his mother’s phonograph record’s amplifier, which inspired him to help create the first solid-body electric guitar. For ten points, give the well-known name of this man, born Lester William Polfus, who is immortalized in the famous Gibson guitar that carries his name.

Answer: Les Paul (Accept Lester Polfus before it is mentioned in the question)

9. This work is credited with the inspiration of such religious pieces as Haydn's Oratorio " The creation" and John Keat's "Endymion". It is an epic poem in blank verse, first issued in the year 1667 in ten separate books. FTP, name this most famous work of Puritan John Milton.
Ans: Paradise Lost

10. As the self-funded candidate of the Tomorrow Party, he chose as his running mate Pete Ross, a boyhood friend of his longtime rival. While Newsweek noted his high technology platform might not distinguish him from Al Gore, they failed to mention his many attempts to destroy the world. For 10 points--name this supervillain opponent of Superman.

answer: Lex Luthor

11. After coming to America in 1884 he worked a year for Thomas Edison, then for himself as an independent inventor. Some of his less well-known ideas were wireless radio communication and a method for detecting ships at sea that was later developed into radar. He sold some of his patents to George Westinghouse, including the patent for the induction motor, which Westinghouse used to generate alternating current electricity. For ten points, name this Croatian-American scientist.

Answer: Nikola **Tesla**

12. This Missouri native attended the University of Missouri and then the Naval Academy before serving in the Navy for 5 years. After his discharge he dabbled in several other areas before creating such characters as the blind singer Rhysling and Lazarus Long. FTP name this dean of science fiction writers who wrote such books as The Puppet Masters, Starship Troopers, and Stranger in a Strange Land.

Answer: Robert Heinlein.

13. This man was born in Little Britain, New York on July 26, 1739. He served in the French and Indian War and later served as a Brigadier General in the American Revolution which prevented his signing the Declaration of Independence. He was elected as the first governor of New York after the war and would later go on to serve as Vice-President and become the first vice-president to die in office. FTP name this man who shares his name with the most famous member or Parliament and Funkadelic.

Answer: George Clinton

14. The North American variety of this bird is given the scientific name is Gallinago gallinago. It is fairly common and is stocky with short legs and a long beak. Name this bird, of which the hunting, along with cow tipping, is a rural sport of the incompetent.

Answer: **snipe**

15. He studied mathematics and moral sciences at Trinity College, Cambridge, England, where in 1916 he lost his lectureship for refusing to pay a fine for writing an anti-conscription leaflet, and in 1918, he was jailed for six months for writing an anti-war article. In 1950, he won a Nobel Prize in literature, but that didn’t keep him from being jailed, with his wife Edith Finch, for inciting to civil disobedience in 1952. For ten points, name this philosopher, best known for his commentaries on sexual ethics and his essay “Why I Am Not A Christian.”

Answer: Bertrand **Russell**

16. Marsupials lack this structure completely, while if absent in humans, it can result in “Alien Hand Syndrome,” in which people lose the ability to control their non-dominant hand due to the lack of communication between hemispheres of the brain. FTP, what structure is sometimes surgically severed in order to treat epilepsy patients, in spite of the threat of “Alien Hand”?

 Answer: **corpus callosum**

17. Published in 1962, its stories inclued “A Cat-Tale,” which is written alliteratively; “The Damned Human Race,” which is self-explanatory; “Fenimore Cooper’s Literary Offenses,” which rips apart a passage from *Last of the Mohicans* so well that it would probably make Fenimore Cooper cry like a girl. These essays, along with “Papers of the Adam Family” and the collection’s titular essay are contained in, FTP, what work of Mark Twain that he believed would never be published due to its bitter and satirical nature?

 Answer: **Letters from the Earth**

18. The green-jacketed ranger was not a member of the British Army, and there were no Indians who fought on the British side. The title subject lies directly beneath the British flag, and the background shows the St. Lawrence. For 10 points--name this Benjamin West painting depicting the aftermath of the 1759 Battle of Quebec.

answer: The **Death of** General **Wolfe**

19. Hoping to transform it into the “Rome of the North”, in 1350 Emperor Charles IV declared this city to be the imperial capital of the Holy Roman Empire. Here Charles founded a university, the first in central Europe; built new churches including St. Vitus; and commissioned a stone bridge bearing his name to span the Moldau River. FTP, name this current capital of the Czech Republic.

Answer: **Prague**

20. Dave Grohl of the Foo Fighters was quoted in Entertainment Weekly as saying "I ate about 600 of them in a day and had an extreme feeling of beauty. They [really do] work!". David Letterman uses them to stuff his Thanksgiving turkey, they appear all over the set in the 1994 season of "Baywatch", and the band Supernova named a song after them on their album "Ages 3 and Up". Their commercials have been spoofed by Conan O'Brian, "Weird Al" Yankovic, the MST3K crew, and Siskel and Ebert, and helped the Foo Fighters win the 1996 Video of the Year Award for "Big Me". FTP name this originally Dutch manufactured candy that is "fresh and full of life".
Answer: **MENTOS**

21. This geological term is defined as a reasonable continuous and through-going planar fracture, commonly on the scale of centimeters to tens or hundreds of meters in length. It is also the name of any Spike Lee film. FTP, name this term.

## **Joint**

22. A graduate of Yale University, this man’s friends included Noah Webster. Fond of miniature portraits, he became a respected painter and founded the National Academy of Design. However, he is more famous for

his later work. For 10 points, name this man, who became an American hero in 1844 when he demonstrated the use of the first electromagnetic telegraph.

A: Samuel F. B. **Morse**

23. In 1983 many considered him the game's best player, but within two years, knee problems had insiders talking retirement. Spurned as a free agent, he handed a blank contract to Dallas Green and proceeded to bash 49 homers that season. For five points, what Chicago Cubs outfielder was 1987's Most Valuable Player in the National League?

Andre Dawson

**TOSSUPS -- ROUND 4 LIVE AID 2000 -- UTC/UMR/USC**

1. Born to a poor farm family in Georgia in 1879, he was the best student in his school and went on to attend a seminary on scholarship. While in the seminary he was exposed to literature which changed his political views causing him to leave the seminary and become a revolutionary. He used the bureaucratic clout of his post as Secretary of the Central Committee to outmaneuver the better-known Trotsky after Lenin’s death. FTP name this man, born Josef Djugashvili, whose better-known pseudonym means, “man of steel”.

Joseph Stalin

2. In a rare interview with actor Erland Josephson, he commented about how the loss of his wife Ingrid affected him -- he now wants to commit suicide rather than wasting away. He is currently producing a stage production of Strindberg's "Ghost Sonata" -- not to be confused with his film “Autumn Sonata,” which co-starred another Ingrid For 10 points, identify this director of such films as Fanny & Alexander and Wild Strawberries, whose deceased wife Ingrid did NOT appear in Casablanca.

Answer: Ingmar Bergman

3. They were first produced by Robert Curl, Harold Kroto, and Richard Smalley, who won the 1996 Nobel Prize in Chemistry for their research. They possess unusual qualities, such as the most recently discovered quality – trapping molecules of helium 3, an extra-terrestrial gas which may allow researchers to study atmospheric development. For 10 points, identify this form of pure carbon.

Answer: Fullerenes (or Buckyballs)

4. Son of a Calvinist minister, he lived out the last years of his life in the Bouwerie, his New York farm. He had a wooden leg after an unfortunate expedition to San Martin, but this did not deter the Dutch West India Company from promoting him soon after. FTP name this Dutchman who ruled New Holland until its downfall in 1664 at the hands of the British.

Peter \_Stuyvesant \_

5. In 1576 this man received the island of Hven, located between Denmark and Sweden, as a favor from King Fredrik II. He constructed a castle named Uranienborg on this island, as well as an underground observatory named Stjärneborg. His idea of the world system was that the Sun revolves around the earth, but all other planets revolve around the Sun. He lost his nose in a duel with one of his students over a mathematical computation and wore a silver replacement nose for the rest of his life. FTP name this Danish astronomer whose recorded observations were instrumental for his employee Johannes Kepler as Kepler was drawing up his famous Laws of Planetary Motion.

Answer: Tycho **Brahe**

6. This woman, a Civil War volunteer nurse from Concord, Massachusetts, began work at a Union Hospital in December 1863. She carried a vial of lavender to combat the stenches of her work, and found scrubbing the survivors with dark brown soap her vilest duty. A few weeks later, she was diagnosed with typhoid pneumonia, and went home, expecting to die. FTP name this woman, who survived the illness, and created *Hospital Sketches* and later, *Little Women*.

Louisa May Alcott

7. Talk about a team going to the dogs, the first name of this NHL franchise’s new coach is Alpo. It’s fitting because the team has been playing like dog food for many years now and last won a Stanley Cup in 1961. Current players like Tony Amonte and Alex Zhamnov can hardly make fans forget about Stan Mikita and Bobby Hull. FTP, name these occupants of the United Center.

Answer: Chicago *Blackhawks*

8. On November 7, 1974, this woman was found to be contaminated internally with plutonium. Tests indicated she had suffered no immediate damage, and she returned to her job as a lab technician at the Kerr-McGee plutonium factory. On November 13th, she planned to meet with union negotiators, carrying with her a manila folder containing proof that the plant’s quality control records were being falsified. The wrecked remains of her car were found about an hour later, although the papers were never recovered, and an expert in accident reconstruction concluded that she had been hit from behind and forced off the road. FTP name this woman, later portrayed by Meryl Streep, who may have been a victim of a cover-up of atomic fission secrets. Answer: Karen Silkwood

9. Theorists have identified five basic rules of this phenomenon: simplification, disfiguration, transfusion, unanimity, and orchestration. These are fancy terms for such techniques as reducing all data to right vs. wrong, smearing your opponents, presenting your view as if it was the opinion of the majority of all right-thinking people, and repeating your message over and over again. For ten points, these rules describe what means of spreading one’s doctrines against all others?

Answer: **propaganda**

10. When the Titanic sank, this vessel played a valiant role, rescuing 706 survivors and delivering them to New York. She was later sunk, torpedoed by a German U-Boat in World War I. Marine salvager Graham Jesop believes he has found her wreckage 185 miles west of England’s southwestern tip. FTP, name this vessel, named for an Eastern European region.

## Carpathia

11. . Absent in birds such as the ostrich and emu, it is best-developed in aquatic species like the pelican. The purpose of this gland, located near the base of the tail on the back, is not clear, though its secretions, that empty onto the skin surface via one or more nipple-like pores, are thought to help preserve the integrity of the feather structure. This would explain why birds spread the secretions over their bodies by rubbing with the head and bill. For 10 points, identify this gland, named because a bird’s actions in using it mirror a person’s actions in dressing himself up, or gloating.

Answer: the **preen** gland (accept: **preening** gland)

12. Beginning as a 250-word caption for *Sports Illustrated*, this book was called “a failed experiment in Gonzo Journalism” by its author. It begins with the narrator’s assignment to cover the Mint 400, a motorcycle race, and then becomes a desperate search for the American Dream, which the narrator and his attorney spend in a drug-induced haze. FTP name this book by Hunter S. Thompson, recently made into a movie starring Benicio Del Toro and Johnny Depp.

 Fear and Loathing in Las Vegas

13. Stopping in mid-performance, he would cut three strings from his violin and perform amazing feats of musical wizardry on the remaining string. Tall, gaunt and forbidding with a weakness for women and gambling, this Italian relished his devilish reputation. Admired by Berlioz and Liszt, FTP, name the violin virtuoso who created the imaginative 24 Caprices.

Answer: Nicolo **Paganini**

14. Born in 1908 in New York to a family of Jewish Immigrants, he went to Cornell Law School to satisfy his parents. He later married his first cousin, Bertha Goodman, and then moved on to the University of Wisconsin. It was here that he began his studies in psychology, working with noted psychologist Harry Harlow. After his work with Harlow he began to explore the key humanistic themes that he is well known for. FTP, name this psychologist, famous for his hierarchy of needs.

Ans: Abraham **Maslow**

15. Pope Pius V and Philip II of Spain asked Don John of Austria, the 24- year-old half-brother of Philip to assemble a fleet in response to a Turkish attack of Cyprus. He did son gathering together 316 ships to face a fleet of 250 Turkish ships under the command of Ali Pasha. For 3 hours on October 7, 1571, the two fleets met in a fierce ramming battle off of southwestern Greece, ending with a resounding Turkish defeat. FTP, name this large naval battle, the largest since Actium, and the last great battle of oared ships.

 Battle of \_**Lepanto**\_

16. This novelist was born in Siedlce in 1846, which at that time was controlled by Russia. His 1890 novel *With Fire and Sword* was the first in a trilogy about Polish society during the 1600’s while Poland fought the Cossacks, the Turks, and the Swedes. For these works and others he was awarded the 1905 Nobel Prize in Literature. FTP, identify this author, best known for his 1895 novel *Quo Vadis?*, about Roman society under Nero.

Answer: Henryk **Sienkiewicz** (shehn KYEH veech, but be lenient on pronunciation)

17. In 1961, he set up The Store, a place to exhibit and sell his hard plaster models of consumer goods. Four years later, he produced plads for such urban models as replacing the Statue of Liberty with an electric fan. In between he mad the first of his noteworthy sculptures of hamburgers, pie, and ice cream cones. For 10 points--name this soft sculpturist.

answer: Claes **Oldenburg**

18. It was formed on September 21,1897, the result of an earthquake on the Philippine island of Mindanao. The resulting mud volcano last erupted in 1941, but not before sprouting two more volcanoes, giving it its name meaning "Island of the Three." Located just north of Borneo, this is--for 10 points--what location where a child-abusing naked corporate-training weasel named Rich pocketed $1 million by backstabbing his teammates on ~Survivor~.

answer: **Pulau Tiga**

19. Born July 26, 1894 in Surrey, England, he suffered partial blindness due to keratitis while at Eton,

making reading difficult, but not hindering his ability to write with elegance, wit and pessimistic satire. He became recognized as an author in 1921 for *Chrome Yellow*, while his most well-known work came in 1932. FTP, name the author whose work is credited with giving the musical Doors their name and who will always be associated with his *Brave New World*.

Answer: Aldous **Huxley**

20. Rocks from this period, which occurred 408 to 360 million years ago are found on every continent. During the period a giant continent was situated in the Southern Hemisphere, and other land masses were located in the equatorial regions The research of English established this period officially in 1839, and their evidence was soon corroborated by geologists in other parts of the world. FTP, which period followed the Silurian and preceded the Carboniferous and was named for the home county of its namers?

 Ansewer: **Devonian** Period

21. Both Russia and Poland claim credit for the invention of this product, which was probably first produced in the fourteenth or fifteenth centuries by local aristocratic families. Since then, it has been taxed and banned in certain areas, and power struggles between commercial and government producers have broken out. It was rarely sold in its pure, unflavored form in the West until the mid-1900s, where its popularity soared and many American brands emerged. For ten points, name this colorless, tasteless and odorless spirit.

*Answer:* Vodka

22. This country may be divided into three main regions: the coastal plain, the sierra, and the montaña. The first is an arid stretch of land extending the entire length of the country. The plain has most industries and cities, but few ports. Parallel and east to the plain is the sierra. It contains parts of the Andes, with the main region being the Cordillera Occidental. The forested slopes of the sierra are the regions known as the montaña, and forms part of the Amazon basin. FTP, name this South American country with Lake Titicaca at its south and Lima as its capital.

Ans: Peru

23. First implemented at MIT in 1967, it was modified by Ken Thompson in 1970 to create the B programming language, which was later used to make Unix and C. For ten points name this simple, typeless programming language that was created by Martin Richards in 1966.

*Answer:* BCPL

**TOSSUPS -- ROUND 5 LIVE AID 2000 -- UTC/UMR/USC**

1. Once upon a time, there was a young girl named Wisp. By some stroke of fate, she became aware of a magic place that once was colorful and happy and wanted to save it from the darkened state it was in. She set out on a mission to find the Color Belt and the Sphere of Light in order to defeat the Dark One. With the help of a Sprite named Twink and a magnificent horse named Starlite, she succeeds in her mission and is given the duty of keeping color and happiness alive in Rainbowland along with, FTP, what name?

Rainbow Brite

2. When studying the periodic table, decreasing atomic and ionic sizes of the transition metals from left to right cause the radii of main-group elements to be smaller than expected. The post lanthanide metals of the sixth period of the periodic table are similar in size to those of the fifth period. FTP, give the name of this phenomenon, which occurs after the 4*f*-orbitals are filled. Lanthanide contraction

3. One of the founders of the field of science studies (also known as the history and philosophy of science), this American’s most influential idea was that the sciences develop in a cycle of two phases. First, scientists work within a paradigm, but as that paradigm weakens a new one comes to prominence. There is no logical reasoning behind the progress from one paradigm to another. For ten points, name the author of \*The Structure of Scientific Revolutions\*.

Answer: Thomas Samuel **Kuhn**

4. His works include a humorous tome co-written with James Thurber entitled “Is Sex Necessary?” Another collaborator was William Strunk with whom he produced “The Elements of Style”. However he is probably best known for his children’s books that include “The Trumpet of the Swan” and “Stuart Little”. FTP, name this Maine native, the author of “Charlotte’s Web”.

Answer: E.B. **White**

5. Genoese by birth with Venetian citizenship, this explorer came to England in the late 15th century to raise support for a trans-Atlantic crossing. His ship The Matthew would reach Labrador in June 1497. FTP, name this maverick who broke a 1494 agreement allowing Spain to monopolize voyages of discovery.

Answer: John **Cabot**

6. Bertrand Russell's proof took several hundred pages, mostly due to his definition of number. Recursion allows a much shorter proof in Peano arithmetic: The successor of zero plus the successor of zero equals the successor of the successor of zero plus zero, equals the successor of the successor of zero. For 10 points--name this equation, the simplest form of addition taught in grade school.

answer: 1+1=2

7. Born in England in 1874, he earned a living as a trombonist, conductor and most importantly a composer. In 1910, he composed the first of his two suites for military band. Today, his suites, which are based on English folk tunes, continue to serve as cornerstones of the wind band repertoire. FTP, name this composer who is best known for his seven-movement orchestral suite, The Planets.

Answer: Gustav Holst

8. Though to police, he often seemed invincible, in fact, this man died twice. The first time, he achieved a state of legal death on the operating table after swallowing his tongue before the surgeon who was altering his appearance managed to revive him. The second and more famous time, he was gunned down in front of the Biograph theatre in 1934 after being set up by his date. FTP name this longtime "public enemy #1".

 John \_Dillinger\_

9. It originated on Feb. 20, 1909, when Parisian newspaper *Le Figaro* published a manifesto by the Italian poet and editor Tommaso Marinetti that glorified the new technology of the automobile and the beauty of its speed, power, and movement. It also exalted violence and conflict and called for the destruction of cultural institutions like museums and libraries. FTP, what artistic movement, prominently displayed in the visual arts and poetry, emphasized the dynamism, speed, energy, and power of the machine and the vitality, change, and restlessness of modern life in general?

Answer: **Futurism**

10. Unlike a familiar later adaptation, at its conclusion the heroine becomes Mrs. Frederick Aynsford-Hill. It begins with a simple bet. A phoneticist wagers with a colonel that he can change the speech of a poor Cockney flower seller named Eliza into the mannerisms of a grand duchess in just six months. When he succeeds, he abandons his devout student, leaving her in the doldrums between lower and upper class, but belonging to neither. FTP, name this play by George Bernard Shaw that shares its name with the mythological sculptor who falls in love with his sculpture.
**Pygmalion**, do not accept My Fair Lady

11. The Svatembara practice Moshka, or devotion of their whole lives to the 5 rules of 'destroy no life,' 'do not lie,' 'practice charity,' 'practice chastity,' and 'possess and want nothing.' The other denomination, or the Diganbara, practice a vow of nudity. Ironically, many of India's rich and influential citizens belong to this sect. FTP, what is this 'most strict religion,' which was founded in the 6th century BC by Mahavira as an answer to Hinduism, but retains the concepts of reincarnation and karma?

Answer: Jainism

12. Even though he never set foot in Paraguay, this man is a national hero there because he ruled in arbitration that Paraguay had the rights to the Chaco after the War of Triple Alliance. Back in the U.S., before the Civil War he was a successful lawyer in several fugitive slave cases. After serving in the Union Army, he served in Congress in 1865, and as governor of Ohio from 1868 until 1876. Due to disputes over the validity of Electoral College ballots, some argue he never really won the Presidential election of 1876. FTP, name this 19th president of the U.S., who as a result of his election, brought an end to Reconstruction.

Answer: Rutherford B. Hayes

13. This prize-winning novelist recently used an awards-ceremony speech in Bangkok to assail how the humanities are taught at universities in Britain and the United States and to discourage Thai students from studying the humanities at British universities. FTP, name this Hindu immigrant born in Trinidad whose novels include A Bend In The River and A House For Mr. Biswas.

Answer: V.S. **Naipaul** (accept just Naipaul but do not accept Shiva Naipaul)

14. When these were first discovered, they were jokingly given the acronym LGM, or little green men, as their initial discoverer Jocelyn Bell mistook them for communication from intelligent life form. It was quickly found that the regular waves of radio radiation were not aliens, but rather a new form of star. FTP, name this new type of start that sends regular emissions of radiation and are created by the explosion of supernovae.

Ans: Pulsars

15. Her real first name is Clorinda. Her father was born in Calabria, Italy, but she and her 7 siblings were raised in Philadelphia. Her films include *The Moderns, Bodily Harm, Larger Than Life, Men in Black,* and *Jade.* FTP name this actress, recently seen in *Dogma,* whose breakthrough movie was *The Last Seduction.*

 **Linda Fiorentino**

16. Written by Marie Henri Beyle, under the pen name of Renate Stendhal, the novel is a powerful character study of Julien Sorel, an ambitious young man who uses seduction as a tool for advancement. During his recent appearance on Oprah, Al Gore claimed that this book is his favorite. FTP, name this colorful book that shares its name with the school newspaper at the University of Georgia.

Answer: *The Red and the Black*

17. One of its founders was Andrew Jackson, and it was founded in 1819 on the site of a Chickasaw Indian Village and U.S. Fort. It was incorporated as a town in 1826 and received a city charter in 1849. During the Civil War it was a Confederate military center, but was captured by a Federal gunboat force in 1862. In 1879 it lost its charter due to a devastating outbreak of Yellow Fever, but it regained its charted in 1893. Two of its private universities are Rhodes, and Christian Brothers, and it has two state supported universities. For ten points, name this city, who among its most famous inhabitants was Elvis Presley.

*Answer:* Memphis Tennessee

18. This word combines the Greek words meaning work and law is also known as human-factors engineering. It is an applied science concerned with designing and arranging things people use so that the people and things interact most efficiently and safely. FTP, what is the term that applies to, among other things, designing computer work stations.

Answer: *Ergonomics*

19. This nation first raised its independent flag on May 30 1967. Following a brutal civil war leaders capitulated and once again became part of Nigeria. Only five nations had recognized the secessionist state. This short-lived nation, home to the Ibo tribe, is known to this day for the starvation suffered by its people. FTP, name this former country that shares its name with the surname of the writer and singer named Jello.

Answer: **Biafra**

20. Mutation of this gene is presumed to cause HOLOPROSENCEPHALY (holo-prose-en-sefally), a disease that reportedly afflicts Tom Cruise, albeit mildly. The gene contributes to the formation of a midline axis, and mutations are often fatal in the womb. People that survive with these mutations may have their eyes too closely spaced or have only one central incisor. FTP, name this gene which sounds like it was named for the "Blue Blur," the speedy nemesis of Dr. Robotnik.

Answer: **Sonic Hedgehog** (Go ahead and accept \_Sonic the Hedgehog\_)

 [editors note: Say cheese, Tom.]

21. Alcmaeon, Empedocles, Anaxagoras, Herophilus, Erisistratos, Arcagathus, Asclepiades, Vesalius, Galen. These gentlemen of antiquity all shared a profession that, for ten points, also was the livelihood of Hippocrates.

Answer: **physician** (accept equivalents)

22. One has a Puerto Rican mother and a father of Dutch ancestry from Surinam while the other is from the Netherlands. With a shared last name, the former is an actor who introduced a panel at the 2000 Democratic National Convention while the latter recently retired from the NBA. FTP, what is that last name of the actor who gained fame as Victor Sifuentes on L.A. Law and the “Dunkin’ Dutchman” of the Indiana Pacers?

Answer: *Smits* (Jimmy and Rik)

23. Much of its center is taken up by Bras d'Or Lake, while the Strait of Canso divides it from the mainland. Its north end is dominated by a national park, while its southeastern side is dominated by Louisbourg National Historic Park. For 10 points--name this puffin-packed island of Nova Scotia.

answer: **Cape Breton** Island

**TOSSUPS -- ROUND 6 LIVE AID 2000 -- UTC/UMR/USC**

1. At 17 he attempted to enlist on a privateer called *The Terrible*, whose captain’s name was Death. It is lucky that he failed, since 175 of a crew of 200 were killed in action. His first publication, in March 1775, was an attack on slavery and the slave trade, about which his position never changed. In England, he was prosecuted by Pitt and nearly hanged; in France, he was imprisoned after annoying Robespierre by opposing the execution of Louis XVI; in America, he was branded an infidel for his publishing unpopular theological opinion. For ten points, name this author of *The Age of Reason* who sometimes used the pen name Common Sense.

Answer: Thomas Paine

2. In 1677, this playwright had a bummer of an opening night when a rival play by the same name opened the same evening as his play Phaedra. Observing the rules of Aristotle, his tragedies were confined to one time and place and left all physical action to be described by a messenger. FTP, name this creator of Andromaque and Berenice who shares his surname with a southeastern Wisconsin city near the Illinois border.

Answer: Jean *Racine*

3. In 1987 this nation experienced a coup led by Ratu Lieutenant Colonel Sitiveni Rabuka (rom-BOO-kah), which ousted a majority ethnic Indian government and rewrote the constitution. In May 1999 Mahendra Chaudry, an ethnic Indian, was chosen prime minister. A year later the island nation experienced another coup led by a failed businessman, George Speight. Rabuka and the army do not support Speight’s coup, and he is now charged with treason. For ten points, name this pacific island nation with capital at Suva.

Answer: **Fiji** (Viti)

4. Legalized with restrictions by the FDA in early 1999, this controversial drug is now used for the treatment of rheumatoid arthritis and for complications of AIDS and leprosy. Previously prescribed to pregnant women to combat nausea and as a sedative, it was fortunately never approved in the U.S. and was pulled from international shelves in 1961-62 because of its nasty tendency to cause birth defects. FTP, name this drug that deformed the limbs of thousands of so-called "seal babies."

Answer: **Thalidomide**

5. Born near Florence, he was a student of Cimabue, the most outstanding painter in Italy at the end of

the 13th century, but whom he would eventually surpass in terms of fame. His works show human beings as the exclusive subject matter, and they act with dedicated passion their parts in the great Christian drama of sacrifice and redemption FTP, identify this artist who broke away from the Middle Ages and ushered in the "good modern manner" and whose major works include "The Madonna in Glory" and the Arena Chapel frescoes in Padua.

Answer: **Giotto** Di Bondone

6. Born as the son of a sharecropper in Natchez, Mississippi, this black writer rebelled against his serious religious upbringing, evidence of which can be found in his autobiographical book, Black Boy. FTP, name this writer of Native Son.

ANS: Richard **Wright**

7. Mr. Sleary runs an circus and speaks with a lisp. James Harthouse got bored wherever he went, until he falls in love with Louisa. Mrs. Sparsit is a housekeeper with aristocratic connections and a busybody. Stephen Blackpool is a millhand whose wife is a lush, he gets accused of robbing the bank. Thomas Gradgrind is a retired mill owner, school owner, and member of Parliament. For ten points, name this shortest Dickens novel that takes place in Coketown.

 \_Hard Times\_

8. This series is an originally British cartoon that aired in the 1980s on Nickelodeon.  Following this show, there was a five-minute short cartoon called "Banana Man." It was about a secret agent mouse, his goofy sidekick Penfold, and their missions to foil the plans of Baron Cyrus GreenBack and his gang.  FTP, name this show.

Answer: Danger Mouse

9. Her husband did not share his wife’s enlightened racial views and reportedly used to leave the house whenever she entertained a black guest. A registered nurse she played midwife to black sharecropper mothers who could not afford a doctor. After her husband died, she worked as a fraternity house mother at Auburn University. At age 68 in 1966 she volunteered for the Peace Corps 10 years before her son would get elected President of the United States. FTP, name this “First Mother.”

Answer: Lillian *Carter*

10. At least one of the isotopes of this element has the odd property of being a neutron emitter. An isotope of this element with an mass number of 245 was first produced in 1950 by those usual suspects at Cal-Berkeley, Stanley Thompson, Kenneth Street Jr., Albert Ghiorso, and Glenn Seaborg. FTP name this artificially created transuranium elements of the actinide series with an atomic number of 98.

 Answer: Californium

11. One of the noblemen of the city of Novgorod, he should be grateful that his surname didn’t come from his second great success on the ice of Lake Chud. FTP, name the Russian hero of the 13th century who, before defeating the Teutonic Knights on Lake Chud, had already earned his name by defeating the Swedes at the River Neva. Alexander Nevsky

12. To make up for some of the shortcomings of its predecessor language, Bjarne Stroustryp of AT&T Bell Labs developed this programming language in the early 1980’s. It’s major achievements include the object-oriented programming technique, automatic checks, as well as making it more understandable than the earlier, UNIX-based language. Name this language, thereby producing a pun on the language invented by Dennis Ritchie.

Answer: C++

13. First staged by the New York Theatre Workshop in early 1996, this show won the Best Musical Tony the same year. Former cast members of the show include Taye Diggs, Doogie Howser M.D.'s Neil Patrick Harris, and Road Trip co-star Anthony Rapp. For ten points, name this musical update of La Boheme by Jonathan Larson.

 \_Rent\_

14. “The greatest improvement in the productive powers of labour, and the greater part of the skill, dexterity and judgment with which it is any where directed, or applied, seem to have been the effects of the division of labour.” “Though the profusion of government must, undoubtedly, have retarded the natural progress of England towards wealth and improvement, it has not be able to stop it.” Those quotes come from, FTP, this man who wrote on The Theory of Moral Sentiments, first published in 1759, before the greater fame achieved by his tome on economics, “The Wealth of Nations.”

Answer: Adam *Smith*

15. A homeland could have been created for this people after World War I if Britain and France could have agreed on it; they were even promised one in the 1920 Treaty of Sevres. Instead the two superpowers created nation-states in the region formerly ruled by the Turks using the ridiculous straight lines and angles that one can see on a map today, dividing the area this people inhabit between the present nations of Syria, Armenia, Turkey, Iran, and Iraq. For ten points, name the people who Saddam Hussein attacked with chemical weapons in retribution for siding with Iran in the Iran-Iraq war.

Answer: **Kurds**

16. “The main buildings consist of Buddhist structures, such as the Reliquary.and the Hosui-in; and residential apartments, such as the Shinden, the Hall of the Lords, the Assembly Hall, the Tenkyo Tower.and the Kansetsu Pavilion.” The foregoing passage describes the title building of a novel about a stuttering acolyte who burns that building down because he cannot cope with its beauty. For ten points, name the building that is the title of this novel by Mishima Yukio.

Answer: **The Temple of the Golden Pavilion**

17. It seems that this German inventor’s life and discoveries keep bringing our attention back to England. Before attending the Polytechnic School in Munich, he studied in England and he drowned in the English Channel in 1913. The recent strikes in that country would not have even been an issue if he hadn’t patented an engine that employed autoignition of fuel. What, for ten points, is the name of this inventor who built an engine that ran on a cheap fuel that stills bears his name?

Answer: Rudolf Christian Karl **Diesel**

18. They received their name from a passage in Kant's \_Critique of Pure Reason\_, where he used the term to describe any knowledge "which is concerned, not with objects, but with our mode of knowing objects so far as this is possible a priori." This was taken to reflect the belief that truth was innate in all of creation, and thus that knowledge of it was intuitive rather than rational. FTP, in what literary and philosophical movement of the early 1800s were these ideas formed, and expressed in the works of Ralph Waldo Emerson and Henry David Thoreau?

 \_transcendentalist\_ movement (\_transcendentalists\_ )

19. This film won the 1986 Golden Palm at Cannes, but managed only one Oscar, for Best Cinematography. The waterfall scenes were filmed at Iguazu Falls, near the confluence of the Rio Parana and the Rio Iguazu. With the redemption and martyrdom of the former slaver Mendoza as a subplot, it tells of Father Gabriel’s efforts to bring Christianity to South American natives and then defend them from slavers operating under the tacit protection of the Church. FTP name this Roland Joffe film which starred Jeremy Irons and Robert DeNiro.

*Answer:* The Mission

20. Her $150,000 investment in an Internet company called getmapping.com, which is creating a detailed aerial map of Britain, is about to pay off big-time, as the company is planning an IPO, which could drive her investment’s value to over $1.5 million. Of course, since she’s already the world’s richest woman, it really won’t matter too much. For 10 points, name this woman, owner of the Balmoral and Sandringham Estates and eldest daughter of George VI.

Answer: Queen Elizabeth II

21. Weighing in at 43 tons and sporting an enormous 420mm cannon, it could fire a 2,200 pound shell over 9 miles. Two of these destroyed the fortified city of Liege in under three days at the beginning of World War I. This German howitzer was officially named Krupp Howitzer L/14. Give the common name of this gun nicknamed for its manufacturers wife

*Answer*: Big Bertha

22. The first player ever picked in the NBA Draft Lottery, he showed his merit by winning the NBA Rookie of the Year award in 1986. His trips to the championship game in college, from 1982 to 84, were not repeated in the pros until 1994, and his pro team never won a championship to match the 1983 NCAA Championship won by his Georgetown Hoyas. For 10 points, name this superstar center, whose lack of a championship may have spurred his desire for a trade to the Seattle Supersonics after 15 seasons with the New York Knicks.

Answer: Patrick **Ewing**

23. There are two classes of phylum *hemichordata* living today. The more prominent of the two classes, class *enteropneusta*, is a three-segmented creature with a n average length of 10 cm that lives underneath the sand of shallow seafloors. The members of this class dig their burrows using a muscular proboscis that is shaped like an acorn. For ten points, give the common name of these creatures.

Answer: Acorn Worm

**TOSSUPS -- ROUND 7 LIVE AID 2000 -- UTC/UMR/USC**

1. In Elizabethan times, if used as an adjective it described someone whom was ill humored and of a peevish temper. As a noun it was also once thought of as the seat of spirit and courage and such emotions as mirth and melancholy. FTP name this word which also defines a highly vascular and ductless organ which is used to aid in the formation of mature lymphocytes and destroy red blood cells, and as a reservoir for blood.

Answer: Spleen

2. This author’s novel within a novel is a cult classic about a pulp-fiction writer who is having an affair with a married woman. The primary novel is the memoir of an old woman named Iris Chase. Both novels have the same title “The Blind Assassin.” At age 60, this writer may be Canada’s most famous citizen and is certainly its most celebrated author. FTP, name the woman behind “The Robber Bride,” “Cat’s Eye,” and “The Handmaid’s Tale.”

Answer: Margaret *Atwood*

3. India has requested to pull its troops out of the U.N. sanctioned operations in this country, currently the largest UN field operation in the world with more than 13,000 troops stationed here. Indian leader Maj.-Gen. Vijay Jetley , current head of the peace keeping force here, complained earlier this year in a memo to Kofi Annan that corrupt politicians from its neighbor Nigeria and this country had tried to sabotage the UN’s involvement by engaging in illegal diamond smuggling with rebels in, FTP, what West African Country?

Ans: Sierra Leone

4. The original opened in 1883 when a group of businessman were upset that they couldn’t get box tickets at the Academy of Music and so they decided to open their own operah house on Broadway. Its early days attracted such composers as Mahler and Toscanini. In 1966, it moved to a more contemporary building where it was received very well. FTP, name this opera house located in New York, one of the most prestigious in the world.

ANS: The Metropolitan Opera House

5. Written by Franz Liebkind\* and directed by Roger De Briz, this musical received critical disdain by the end of its overture, but by intermission, it was hailed as a success. Its producers, Max Bialystock and Leo Bloom,

should have made a killing in profits, but because their fraudulent machinations, they received jail time instead. For 10 points, name this 1968 musical which starred L.S.D. and served as the comic focal point of Mel Brooks's The Producers.

Springtime for Hitler

6. This book parodies such works as “the Sluggard,” “The Spider and the Fly,” “Star of the Evening” and “Speak Gently.” While the parodied works are mostly forgotten today, they would have been well known to the Liddell sisters. It was in 1852 that they were first told this work while on a rowing expedition up the Thames with a certain Oxford math professor. FTP, name this classic children’s story by Lewis Carrol.

Answer: Alice’s Adventures in Wonderland

7. His father was a physiology professor at the University of Copenhagen, and his mother came from the prominent Jewish banking family. One of his early achievements was being awarded a prize for his theoretical analysis of and precise experiments on the vibrations of water jets as a way of determining surface tension. In 1912 he joined Rutherford, in studying the structure of the atom. FTP, name this Danish scientist, who in 1922 won the Nobel Prize in Physics for his work in applying the quantum theory to atomic structure.

Answer: Niels Bohr

8. This tribe is among the most noteworthy among anthropologists, political theorists, and biologists, as they are known for their vicious warfare and raids on neighboring villages. Northwestern University professor Napoleon Chagnon is noted for his work with them, but recent allegations have come to light that Chagnon and American geneticist James Neel may have introduced measles to them, resulting in hundreds of deaths. FTP, name this Amazonian tribe of South America.

 \_Yanomamo\_ (plural Yanomami)

9. Born in New York he was arrested in Central Park in 1947 for indecent exposure at the age of seventeen. Three months after graduating from the New York School for teachers in 1951 he enlisted in the navy and became chief petty officer aboard the U.S.S. Kittyhawk, but was soon discharged because he was gay, or so he says. After struggling in Long Island, he moved to San Francisco to open up a camera shop, but later got into politics, running for the position of City Supervisor three times before finally being elected in 1977. FTP name this openly gay Democrat who was gunned down on November 27, 1978, by a man hopped up on Twinkies.

Ans: Harvey Milk.

10. A member of the Bloomsbury Group, this man's lesser-known novels include Maurice and The Longest Journey. His Aspects of the Novel is a literary study, and his novels show a sense of irony that reveals the deficiencies of the English upper classes. FTP, who is this author of Where Angels Fear to Tread, Howard's End, and A Passage to India?

Edward Morgan Forster

11. Two answers required: Nathaniel founded the firm in 1835, and hired James hired as a bookkeeper. Together in their New York shop, they mass-produced familiar scenes that were hand-colored in an assembly line system and sold for as little as twenty-five cents. FTP, who are these artistic collaborators whose lithographs brought art within reach of ordinary Americans?

Currier and Ives

12. The name is almost the same. One was a son of Deucalion and Pyrrha who ruled over Phthia in Thessaly. He married a nymph called Orseis and had three sons Dorus, Xuthus, and Aeolus. The other, by some accounts, is the daughter of Zeus and Nemesis. In fleeing Zeus, Nemesis changed shapes several times finally settling on a goose. She was then raped by Zeus. This daughter was laid in an egg in an Attican woodland where it was found and brought to Leda. For 10 points, give the similar name of these mythological figures; the first one gave his name to the race of the Greeks, the second became the wife of Menelaus.

ANSWER: **Hellen** or **Helen**

13. Javelle water is a solution of the potassium salt of this ion. Its sodium salt also shares its bleaching and disenfectant properties, being a key component of Clorox bleach, and stemming from the ion's unusual +1 state for its single chlorine. For 10 points--name this monovalent ion consisting of a single chlorine and a single oxygen.

answer: hypochlorite or chlorite(I) or OCl-1

14. The losing general of the battle of Camden, he was replaced by Nathanael Greene, but accepted by Washington as his deputy. This after he had been planned to replace Washington by the organizers of the Conway Cabal. For 10 points--name this rather lackluster Revolutionary War general whose only major success of the war occurred at Saratoga.

answer: Horatio Gates

15. In 726 A.D., Emperor Leo the Third began this movement, destroying one of Byzantium’s primary art forms. This movement ultimately sparked fierce religious debates, protests, and even riots as images of Jesus and other religious figures were banned in use in churches and were destroyed across the countryside. FTP, name this movement, literally translated from Latin into “The breaking of Icons”

Ans: Iconoclasm

16. His earliest papers showed that noise in transmission lines came in sequences similar to the Cantor set. It was not until his 1967 paper, “How Long is the Coast of Britain?” that his ideas about what he called “fractals” caught on. For ten points, name the mathematician who articulated fractal geometry as taking place in fractional, rather than whole number, dimensions, and whose set is perhaps the most recognizable fractal.

Answer: Benoit B. **Mandelbrot**

17. He and his brother Butch, lately head coach of the Toronto Raptors, co-wrote a book coming out this year entitled “Born to Believe.” An All-American for Ohio State in 1986, he was selected in the fourth round of the supplemental draft in 1987 by the Philadelphia Eagles, for whom he played for 3 years. After the 1989 season, which saw him catch 45 passes, 11 for touchdowns, he was released by the Eagles, and claimed by the Vikings, for whom he still serves as mentor/wide out. For 10 points, name this wide receiver.

Answer: Cris “All he does is catch touchdowns” Carter

18. He ascended to the French throne when Charles X was forcefully removed from the position. During his reign, he strengthened his own powers by appointing friends as ministers, manipulating elections, and granting judiciary favors. These actions directly caused the Revolutions of 1848 which spread across Europe. FTP name this French monarch who was a member of the house of Orleans.

Answer: Louis Phillippe Orleans

19. Its current status was conferred within the Holy Roman Empire in 1719. Part of the Confederation of the Rhine, it joined the German Confederation in 1815, leaving in 1866 when it belonged to the Austrian customs union until the fall of the Hapsburgs. Joining the Swiss customs union in 1922, this is--For 10 points--what nation lodged between Switzerland and Austria?

answer: Principality of \_Liechtenstein\_ or F\"urstentum Liechtenstein

20. Known as "the Father of Tragedy,"\* this dramatist was born in 525 B.C. in the city Eleusis. A false legend attributed his 455 B.C. death to an eagle that mistook his bald head for a rock and dropped a tortoise on it. Only seven of his plays survive in whole, including The Suppliants and the trilogy Oresteia. For ten points, name this dramatist, the author of Seven Against Thebes and Prometheus Bound, and the man responsible for the creation of the second actor.

Aeschylus

21. One recipe on the Internet for a homemade version of this product includes ½ pint whiskey, the juice of 3 lemons, ½ cake asafoetida, ½ cup honey and Rock candy. Over-the-counter brands usually include Guaifenesin or Dextromathorphan. FTP what’s the generic name for products branded as Robitussin or Nyquil among others?

Answer: *cough syrup*

22. This word that is prevalent in the current Presidential campaign comes from the Greek words for leading people. Like many nouns, this word has become increasingly used as a verb. One definition says it refers to a leader championing the cause of the common people in ancient times. The more useful definition today says it is a leader who makes use of popular prejudices and false claims and promises in order to gain power. FTP, name this nine-letter word.

Answer: **demagogue**

23. In the summer of 1869, Jim Fisk and Jay Gould distributed $1.5 million in gold to Jenny Corbin the sister of President Ulysses S. Grant and to Julia Grant the first lady of the United States. Soon after, in secret letter to President Grant, Fisk urged him to stand fast on his decision not to sell gold, thus leading to a steady rise in gold prices until, FTP, this "darkest" of days, when the price of gold plummeted from $164 to $132, resulting in the largest financial collapse of the Gilded Age.

A: BLACK FRIDAY (accept September 24, 1869)

**TOSSUPS -- ROUND 8 LIVE AID 2000 -- UTC/UMR/USC**

1. Three Renaissance experts this summer have published the most comprehensive collection of her writings ever gathered between two covers. Lord knows her life provided fodder for her muse. Her father had her mother beheaded. Parliament declared her a bastard. Her half sister locked her in the Tower of London on suspicion of treason. She survived smallpox, plots to kill her, and the Spanish Armada. FTP, name this monarch whose life was turned into a 1998 Best Picture nominee.

Answer: **Elizabeth I**

2. We meet the nine occupants from the viewpoint of the bourgeois Bolshevik Pavel Rusanov, who is arrogantly angry that he must enter as a common patient. The occupants of the title facility reflect something of a cross-section of Soviet cultures. Eventually the viewpoint shifts and we realize that Oleg Kostoglotov, not Rusanov, is the main character. For ten points, name this novel by Aleksandr Solzhenitsyn.

Answer: The **Cancer Ward**

3. In early 1973, Sasheen Littlefeather went to the Oscar podium and, in protest of Hollywood’s treatment of her fellow Native Americans, turned down an Academy Award for a friend. Of course, it was later found out that her name was really Maria Cruz, she wasn’t an Apache, and she had won the 1970 Miss American Vampire contest, but there you go. For 10 points, name the actor who sent Cruz to turn down the 1972 Academy Award for Best Actor that year, his second, for *The Godfather*.

Answer: Marlon **Brando**

4. Formed as a result of an up-warping of ancient rock, after which the the higher portions of the mountain mass were removed by stream erosion, this area is home to such wildlife as bison, deer, elk, bobcat, coyotes, and prairie dogs. In 1874, a U.S. military expedition under George A. Custer discovered gold, leading to numerous conflicts with the local Sioux Indians. FTP, identify this geographical region in South Dakota, devastated by fires in 1988 and again in the summer of 2000.

Answer: The **Black Hills** of South Dakota

5. During a type of radioactive decay process known as beta decay, a radioactive nucleus breaks down into a different nucleus, an electron, and a third particle which was not discovered until 1956. The third particle was used to reinforce the laws of conservation of energy an momentum at the atomic level. Name this tiny particle, whose name means “little neutral one.”

Answer: neutrino

6. "Loving in truth and fain in verse my love to show," the first poem starts out, and it apparently takes the author a whole lot of verse to show his love, since the sequence goes on to include 108 sonnets and eleven songs. Some say it was the authorís attempt to win the affection of a woman named Penelope Devereux, but if it was then the attempt failed, since she married another man in 1581, one year before the collection was completed. FTP, name this first of the great Elizabethan sonnet sequences, written by Sir Philip Sidney.

Answer: Astrophil and Stella

7. One of the symptoms of this disease, a purple rash that does not change color when pressed, indicates that the infected person has blood poisoning which is quickly fatal. Most cases of this disease have an abrupt onset whose symptoms include headache, stiff neck, fever, nausea, vomiting, listlessness, and irritability. As the disease progresses it leads coma and eventually brain damage as the drainage from the fluid in the cavities in the cranium are blocked and pressure builds. Death then usually occurs in 1 to 3 days after onset, unless antibiotics are administered. FTP, name this family of infectious diseases, most common in schools and barracks, that attack the lining of the brain and spinal cord.

Ans: Meningitis

8. This 1875 painting was rejected for an exhibition in Philadelphia because it was considered harshly realistic. The monumental painting, which is 96 by 78 inches, is set in a surgical amphitheater and depicts an operation for osteomyelitis of the femur. Among those watching the surgery are disinterested medical students, the surgeon's son and a female relative of the patient, who can't bear to watch the operation. FTP-name this painting, considered to be on of Thomas Eakins' best.

Answer: The Gross Clinic

9. This patron saint of Venice has his feast day on April 25th. St. Peter called this man "my son" and he traveled with Barnabas and Paul on their first missionary journey together, but because he had deserted them in Pamphylia, Paul refused to travel with him to Syria. The book of Acts tells us that his name is actually John but he is more often known by his surname. FTP name this writer whose symbol is the lion and whose account of the gospel is thought to be the earliest.

Answer: St. **Mark**

10. A clock behind the central figures reads 1:10; the viewer is allowed to determine from the darkness surrounding the figures that they have been seated for some time. In a classic example of the sfumato technique, the central table is lit only from above with one bulb. Around the table, seven figures are intent upon a game of chance; but one figure, with his back to the viewer, is receiving an extra ace from the contestant to his right. For 10 points, identify this work of art by CM Coolidge, which inspired a series of commercials on ESPN.

Answer: “Dogs Playing Poker” (actual title is “A Friend in Need”)

11. Published for 35 years in Boston and claiming an official readership of only 3000, it favored abolition of slavery rather than African colonization. Southern slaveholders believed these views to represent the majority opinion in the north and reacted militantly, calling slavery a “positive good” and enacted stricter laws to suppress attempts at emancipation. FTP, what weekly newspaper of William Lloyd Garrison was the most influential antislavery periodical in the pre-Civil War period of U.S. history?

 Answer: The **Liberator**

12. Shortly after this musician joined Jay McShann’s Kansas City big band, the band was riding to Wichita for a gig when several chickens escaped from a farmer’s yard, ran into the road, and were run down by the car. McShann’s young recruit demanded that they turn back and salvage the dead “yard birds” for eating later on. Thus goes McShann’s account of how that young alto saxophonist got his nickname, “Yardbird”-later shortened to “Bird” from constant use. For ten points, name the alto saxophonist who, with Dizzy Gillespie, is credited with inventing the Bebop style of jazz.

Answer: Charles Christopher (“Charlie”) **Parker** Jr.

13. At the age of 29, this man wrote his autobiography, which would not be published until 1959, when many of his prototypes had a far more practical use. His experiments were funded partly through Charles Lindbergh, who

befriended this man after his invention of the first liquid-fueled rocket. For 10 points, name this pioneer of modern rocketry, who holds 214 patents in the field.

 Robert \_**Goddard**\_

14. Most scholars believe he was born in the far western provinces, sometime during the Tíang dynasty, but eventually his travels took him to the court of the emperor, where he became known as part of a group at court called "The Eight Immortals of the Wine Cup." Chinese folklore says he died in 762 while boating drunk, when he tried to embrace the reflection of the moon in the lake. For ten points, name this poet, called Rihaku by the Japanese, who gained fame in the Western Hemisphere when his works were translated into English by imagists like Ezra Pound, and later into Spanish by Octavio Paz.

Answer: Li Po

15. Her companions and followers include Philautia, Kolakia, Misoponia, Lethe, and Hedone. Her parents were Plutus and the nymph Youth, and she was born in the Fortunate Islands. As a babe she was suckled by Ignorance and Drunkenness. Amidst a great deal of lampooning mankind is a general call for a return to simple Christian values. For ten points, name this character created by Desiderius Erasmus.

 \_Folly\_

16. Christmas Day 2000 will mark the 1000th anniversary of Duke Stephen being crowned this country’s first King. Presiding over festivities will be the current head of state Prime Minister Gyula Horn. FTP, name this country that shared a dual monarchy with Austria from 1867 until 1918.

Answer: *Hungary*

17. He is being awarded the Ralph Ellison Award for lifetime achievement in literature, Oklahoma’s highest literary award, despite the fact that he died 13 years ago. Kicked out of the Federal Writers’ Project for membership in the Oklahoma Communist Party, he then went to Hollywood, where he wrote screenplays for two Stanley Kubrick films. For 10 points, name this noir author, whose works include “The Killer Inside,” “After Dark, My Sweet,” and “The Getaway”, twice made into movies, but who is probably better known for writing “The Grifters”.

Answer: Jim **Thompson**

18. The 1999 Nobel Prize in physiology or medicine was awarded to Dr Günter Blobel, a cell and molecular biologist at the Rockefeller University in New York for his work with these organic compounds. In 1971 he first formulated a version of the “signal hypothesis” that postulated that these compounds secreted out of the cell contain an intrinsic signal that governs them to and across membranes. FTp, name this important molecule found in cells.

Answer: proteins

19. This man was the U.S. Attorney assigned to the case of Attorney General Ed Meese who resigned in disgrace and narrowly escaped indictment in the aftermath of the Wedtech influence-peddling scandal. His resume includes a stint as Associate Attorney General for Ronald Reagan, which eventually led to a successful run as mayor of a large East Coast city. FTP, name this man who is currently fighting prostate cancer.

Answer: Rudy *Guiliani*

20. Literally meaning publicity and commonly translated as openness, it refers to the Soviet policy permitting open discussion of political and social issues and freer dissemination of news and information. FTP, name this key concept of Mikhail Gorbachev’s administration as general secretary of the Communist Party of the Soviet Union.

Answer: *Glasnost*

21. Its chemical equation was first recorded in the 13th century by English scientist Roger Bacon. England shared its knowledge of this compound with only Germany, as they were the only two countries believed to first have the ability to produce it. After taking the throne in 1558, Elizabeth I she banned private production of it, so that the monarchy could have the monopoly over this explosive substance. FTP, name this now common substance first used by the Chinese in fireworks.

ANS: Gunpowder

22. Rising in Yellowstone, this river's largest tributary is the Salmon. Its valley includes the "Craters of the Moon National Monument" and "Hell's Canyon." Forming part of the border between Oregon and Idaho, FTP, name this reptilian tributary of the Columbia.

Answer: the Snake river

**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’s1965 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 Giullieta 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 thrawted by Marianna's father who has become entranced by the title character to whom he has offered his daughter in marriage. However, when the villian 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 bought 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\_ **TOSSUPS -- ROUND 10 LIVE AID 2000 -- UTC/UMR/USC**

1. In 1993, UK Science Minister William Waldegrave offered a bottle of champagne to anyone who could explain on a single sheet of paper what these were, and why we would want to find them.The currently accepted theory of elementary particles, known as the standard model, cannot explain why particles have mass. To overcome this problem, two physicists, one at the University if Edinburgh and one at Imperial College in London, proposed in 1964 a particle that is responsible for giving other elementary particles their masses. For ten points, name this particle that has never been detected experimentally.

*Answer:* Higgs Boson

2. Its recorded history begins in the 1st century when Chinese ambassador Gang Ying embarked upon it traveling to the far western lands, reaching perhaps as far as Mesopotamia before turning back. Once fully established, it stretched all the way from Antioch and Palmyra in the West all the way to Luoyang in China. Its commerce included religion, philosophy, and FTP, an exotic fabric for which this major thoroughfare of early civilization is named.

Ans: The Silk Road

3. Born Robert Cummings on January 12, 1966, he was worked as a porn magazine art director and a production assistant for *Pee Wee’s Playhouse* in the 1980’s. He animated the hallucinatory sequence in the film *Beavis and Butthead Do America* and was supposed to direct the third film in *The Crow* franchise until it was canceled. For ten points, give the name of the man who is best known for his solo career as well as his former position as frontman for the heavy metal group White Zombie.

Answer: Rob Zombie

4. The first person narrator never tells us his name, but he lets us follow him through the streets of the capital as he grows more and more trapped in poverty, pawning a blanket, the buttons from his coat, and eventually the coat itself for just enough money to eat. He wishes to be a writer and composes articles like "Crimes of the Future" but is unable to get paid more than a few kroner for his efforts. For ten points, name this Knut Hamsun work in which the protagonist escapes starvation in the city of Christiania by gaining employment on a ship bound for England.

Answer: Hunger

5. . Official duties of this individual include presiding over the Lambeth Conference. The current one is George Carey. The first was the other, lesser-known saint also named Augustine. The most famous one was the subject of T. S. Eliot’s *Murder in the Cathedral*. FTP name this post held by Thomas Cranmer and Thomas á Becket.

Answer: Archbishop of Canterbury

6. While it is unclear what the origin of the term is, the most famous person to receive it was an Ohio Congressman convicted of sympathizing with the South. Some people branded with this name wished to halt the war because they believed that the conquest of the South was either illegal or impossible. For ten points, what is this term that was given to the members of the Northern Democratic Party who opposed the Lincoln administration and pushed for compromise with the South, a term also applied to a venomous snake?

Answer: **Copperheads**

7. Number 1 is the location of the Solar and Heliospheric Observation satellite. Number 2 is the proposed location of the Next Generation Space Telescope. 3, on the other side of the sun, was the location of the titular “Planet X” in the movie The Man From Planet X, but 4 and 5 are occupied by nothing but dust. FTP - name these points near two orbiting masses where a third, smaller mass can orbit at a fixed distance from the larger masses, named for the Italian-French mathematician who discovered them.

\_Lagrange points

8. On September 14, an 82-year-old New Jersey man became the first person in the United States to die this year of this disease. Last year, seven people died and 55 became infected in the New York metropolitan area in the virus's first known appearance in the Western Hemisphere. For ten points, name this disease, a type of encephalitis, that is becoming less and less likely to kill again this year as the coming cold will remove mosquitoes needed to transmit it.

 \_West Nile\_ virus

9. He first studied the cello and began to compose around 1926. Armenian and Oriental folk idioms are used in his popular pieces, such as his violin and piano concertos, his orchestral suite “Masquerade” and his ballet “Gayane” (guy-ANN). For 10 points, name this Russian composer, whose “Gayane” contains his well-known “saber dance.”

Answer: Aram Ilich **Khachaturian** (kah-chuh-TUR-ee-an)

10. The second book of this work gives an account of funeral games for Anchises in the Aeneid and tells the story of the lead character's coronation as king. It is celebrated with games and contests but everyone falls asleep reading poetry. In the original version which was divided into only three books, the leading role was given to Lewis Theobold. Years later, the author changed the work adding a fourth book and giving the lead role to the poet laureate at the time Colley Cibber. For 10 points name this work which was written to attack the critics of its author Alexander Pope.

Answer: The **Dunciad**

11. One example of them might be the 1919 Papuan Vailala Madness; another, the 1942 movement in Irian Jaya in which whole villages were turned into mock armies, hoping that their dummy equipment would become real. FTP – name these groups scattered throughout Oceana that take their name from the fact that they build airfields and docks to receive foreign goods, such as the John Frum group in Vanuatu.

\_cargo \_cults

12. Despite his position as head of Germany's chemical warfare service during WWI, this man got the Nobel Prize anyway. As Germany's stocks of nitrates for explosives ran low, this man came to the rescue of the fatherland. With a mixture of iron and aluminum as a catalyst he combined nitrogen and hydrogen gases at a high pressure and temperature to boost Germany's dwindling ammonia supply. FTP, name this German patriot, the winner of the 1918 Nobel prize for chemistry.

Answer: Fritz **Haber**

13. In 1849, the founder of this company used pigeons to fly stock prices between Aachen and Brussels, a service that operated for a year until the gap in the telegraph link was closed. The agency eventually expanded its service to the British press as well as to other European countries and also expanded the content to include general and economic news from all around the world. In 1939 the company moved to Fleet Street and this British press agency has continued to grow ever since. FTP, name this news service founded by a German-born immigrant.

Answer: *Reuters*

14. This property can be studied with an Rowland ring, and one may observe small, almost discontinuous changes in it known as the Barkhausen effect. The effect arises from domain wall pinning due to dislocations and defects. A lack of retraceability in its curve for ferromagnetic materials is known as hysteresis. Its units are ampere per meter. For ten points, name this property that is the measured magnetic moment divided by the volume.

 \_magnetization\_

15. He was one of the “Seven Blocks of Granite” when he played football for Fordham from 1934-36. He coached his alma mater in 1947 and 1948, then coached West Point until 1953. In 1954, he became the offensive coach for the New York Giants before leaving in 1959 for a head coaching job elsewhere in the NFL. He retired from that team in 1968, and became the coach of the Washington Redskins from 1969 until his death the next year. FTP, name this man who coached the Green Bay Packers to five NFL titles in nine years, including the first two Super Bowls.

 Answer: Vince Lombardi

16. The title character of this novel reaches fairyland by jumping up and gouging out a giant's eye. A few years earlier at age six he killed Stilson, a classmate of his, for calling him third. At age ten he killed Bonzo - the largest boy in the Battle school while in the shower. But it was exactly for his ferousciousness along with his genius that he was chosen for his most important task - defending the human race against the buggers - an alien race who had already attacked earth and almost destroyed it twice. For ten points name this novel, the first in a series about Andrew Wiggin written by Orson Scott Card.

Answer: **Ender's Game**

17. Decorative borders along the top and bottom show figures of animals, scenes from Aesop’s fables and, occasionally, images related to the main pictorial narrative. “Discovered” by Montfaucon (mont-fow-CONE) in a cathedral in 1730, it may have been assigned to a king’s wife, Matilda, and commissioned by that same king’s half-brother, Odo. For 10 points, name this cloth, depicting King William the First’s conquest of England.

Answer: the **Bayeux (BAY-you) Tapestry**

18. During World War I she established American hostels and started an employment agency and day nursery for refugees. War experiences led to her 1918 novel The Marne and 1923's A Son at the Front, but after a trip to Africa she returned to what she wrote best, tales of social snobbery in high society. FTP, name this author whose career took off with The House of Mirth but who won a Pulitzer Prize for 1920's The Age of Innocence.

Answer: Edith Wharton

19. Now enclosing 300 square miles in 12 administrative wards, it was originally built on a series of bluffs, the tallest being Batyyeva Hill. Just south of where the Desna meets the Dnieper, it straddles the banks of the latter 591 miles upstream of the Black Sea. FTP name this city, the capital of Ukraine.

\_Kiev \_

20. Black, Wallace, Peters, Howard, Dallas, Cranch, and Wheaton all officially reported the decisions of this tribunal during the first 80 years of its existence. Cases can be brought to the Court by appeal, certificate of division, writ of error, writ of certiorari, or, rarely, on its original jurisdiction. For ten points, name this court, which has the final word on the interpretation of all laws in the United States.

Answer: The **Supreme Court** of the United States

21. One joins the Mackenzie about 100 miles from the Arctic Ocean; one flows through Hanoi on its way to the Gulf of Tonkin; a third forms part of the border between Texas and Okalahoma, and a fourth forms the border between Minnesota and North Dakota. For ten points, what chromatic appellation do all four of these rivers share?

Answer: **Red**

22. This four-letter word names world leaders in the fields of sport and cooking, as well as a city of nearly 2 million people. While both men are linked with Italy, the city is located in Asia. For ten points, what is this word that names a member of the NBA's All-Defensive Team, a city just west of Osaka, and the Iron Chef Italian?

Answer: **Kobe**

**TOSSUPS -- ROUND 11 LIVE AID 2000 -- UTC/UMR/USC**

1. In the 1964 film version, ironically released the same year as Dr. Strangelove, an airplane of the Strategic Air Command is accidentally cued to nuke Moscow, and the pilot refuses all entreaties to return to base. Henry Fonda, as the President, has to deal with the mess, and is on the phone with the Russian leader when Moscow is removed from the face of the Earth. In order to prevent WWIII, Fonda decides to have American bombers drop two 20-megaton bombs on New York. FTP, identify this movie, remade in a live version by CBS in April 2000 that starred George Clooney, Brian Dennehy, and Harvey Keitel.

# Fail Safe

2. This chemical is prepared commercially by reacting sodium hydroxide with carbon monoxide at high temperatures. It is a colorless liquid with an irritating odor that boils and freezes at temperatures slightly higher than those of water. For ten points, name this simple organic compound which is found in the poisons of many insects and has the chemical formual HCOOH.

*Answer:* Formic Acid or Methanaoic Acid

3. In 1396, it was the principal fortress of Bulgaria whose capture by the Ottoman Turks provoked the King of Hungary to call for a crusade against the invaders. However, the attempt proved catastrophic. The knights brought wine and silk to the siege, but no catapults, and a premature attack by the French allowed the Sultan’s armies to encircle the crusaders and then destroy them. For ten points, what is the name of this battle site that left Bulgaria under Muslim control for 500 years and ended any remains of western strength in Eastern Europe.

Answer: **Nikopolis**

4. She avoided conventional punctuation and syntax as part of a style which was intended as a verbal form of cubism. A student of William James, she wrote poetry such as Tender Buttons and novels such as the Making of Americans along with the operas the Mother of us All and Four Saints in Three acts For 10 points name this author whose home in Paris became a center for artists such as Picasso and who also who coined the phrase the lost generation.

Answer: Gertrude **Stein**

5. He was the first president of Wolfson College, Oxford, but is better known for his thoughts on free will and liberty, expressed in Concepts and Categories, Historical Inevitability, and The Crooked Timber of Humanity. FTP, name this native of Riga, Latvia who was knighted for his contributions to philosophy and died in 1997.

Answer: Isaiah Berlin

6. Amid tensions between this country’s ethnic Krumen and the Burkinabe (ber-keen-AH-bay), an OAU delegation recently visited this country and requested a delay in the upcoming elections. Its government rejected that suggestion, and has claimed that Alassane Ouattara [wa-TA-ra], a leading opposition politican and former prime minister, is ineligible to run for its president because his mother was from neighboring Burkina Faso. For 10 points, name this West African country, where General Robert Guei has, since his December 1999 coup, ruled from Abidjan (ah-bee-JOHN) and not the administrative capital is at Yamoussoukro (yah-moo-SOO-crow).

Answer: **Cote d’Ivoire** (coat day ee-VWAH) or **Ivory Coast**

7. In the early Middle Ages, the Muslim Caliph Umar I cut Europe off from its supply of Egyptian papyrus. In the absence of writing materials, scribes had to resort to erasing copies of older manuscripts of classical authors

and reusing the paper. Paleographers can sometimes decipher what the older original text was, providing scholars with previously unknown copies of texts. For ten points, what is the Greek word meaning “scraped again” used to describe a manuscript from which an early text was removed and that was then covered by a second writing?

Answer: **palimpsest**

8. He emigrated from Scotland to New York City as a child, and later to Montreal, where he joined the North West Fur Trading Company. He was the first to explore western North America overland. In 1789 he set out from Fort Chipewyan, on Lake Athabasca, exploring the areas north from Great Slave Lake to the Arctic Ocean up and down a large river. FTP, name this Scotch-Canadian explorer, after whom that large river is named.

Answer: Sir Alexander **Mackenzie**

9. It is no longer considered a true "class" of the subphylum Vertebrata due to the fact that its members no longer appear to be that closely related, but instead it is thought of as more of a convenient grouping. The superclass is often broken into two categories, ostrcodermata the once dominant extinct species and cyclostomata the group of which the few remaining species are in but this classification is a poor one as it does not properly reflect evolutionary relationships. FTP, name this superclass of jawless fish, of which the two remaining groups of species, the hagfish and lampreys, are not as closely related as once thought.

 \_Agnatha\_

10. It debuted in 1805 but bombed since the public found it far too long and demanding. Concerning the attempts of the main character to free her husband Florestan from the prison governor Pizarro, the composer revised the overture 3 times before dying in 1827. FTP, name this opera originally titled Leonore, the only one by Ludwig van Beethoven.

Fidelio

11. In June, Ford won the right to conduct exclusive negotiations to take over the assets of this company, topping joint bids by General Motors and Fiat SpA of Italy, and by DaimlerChrysler AG and Hyundai, only to pull out from the negotiations in September. FTP, the sale of which South Korean automaker failed, delaying President Kim Dae-jung’s plan of restructuring that country’s debt-ridden industries?

 Answer: **Daewoo**

12. Its four acts portray the declining fortunes of the Ranevskys, a landowning family, who are about to lose their estate due to poor management, neglect and impracticality. The practical businessman Lopakin's suggestion that they build houses on the site of their beloved trees is met with horror; eventually, he buys the land and carries out the act himself. FTP, name this 1904 play by Anton Chekhov.

The Cherry Orchard

13. He received his B. A. from Harvard in 1948 after interrupting his studies to serve in the Navy during World War II. He became a lawyer in the U. S. Department of Justice, and then was a campaign manager. Following the election, he gained prominence as chief counsel to the Senate Permanent Investigations Subcommittee during the investigation of Jimmy Hoffa. Several years later, he took part in his own campaign, for the 1968 Democratic Presidential nomination. For ten points, name the man shot June 5, 1968 by Sirhan Bishara Sirhan.

 \_R\_obert Francis \_Kennedy\_

14. In this fresco, we see a continuous narrative to illustrate the 3 important stages of the incident. In the center, a tax collector demands payment, and Christ points Peter towards a lake. On the left, Peter is taking the coin out of the fish's mouth, and on the right, Peter pays the tax collector. FTP name this 1427 fresco by Masaccio.

The Tribute Money

15. Largely self-educated, this mathematician was appointed professor at Queen’s College in Ireland. His seminal 1854 work described an algebraic system in which logical propositions are denoted by symbols and can be acted on by abstract mathematical operators that correspond to the laws of logic. For ten points, name this mathematician who wrote “An Investigation of the Laws of Thought” and whose algebra was important to abstract mathematics and the development of computers.

Answer: George **Boole**

16. Born in 1957, he was trained to be a classical musician as a child. At around the age of twenty, he began playing in rock groups and began his solo career in 1982. His first album, *Einzelhaft*, was popular in Germany and gained some attention in the US. Success came with his third album, which was released in 1986 and featured the international hit *Rock Me Amadaeus*. Give the name of the performer who died in 1998 and was the most successful pop act to ever come out of Austria.

*Answer:* Falco

17. Utterly untrained sculptor Korzcak Ziolkowski won first prize at the 1939 World’s Fair in New York, attracting the attention of Lakota Chief Henry Standing Bear. The chief asked Ziolkowski to design and sculpt a memorial to the victor at the battle of the Little Bighorn. The site chosen for the memorial was in the Black Hills of South Dakota, not far from Mt. Rushmore. At about 600 feet tall, the finished memorial will be about 10 times the size of Mt. Rushmore. For ten points, name the Oglala Chief who the giant sculpture depicts.

Answer: **Crazy Horse** (Tashunca-uitco)

18. In addition to being a Harvard Law Professor, this man has defended such high profile clients as Mike Tyson, Klaus Von Bulow, and of course, like every expensive attorney in the United States, O.J. Simpson. For ten points, name this man, author of Reversal of Fortune.

 Alan M. \_Dershowitz\_

19. . Fond of gardening and knitting, she operates on the theory that human nature is universal and every criminal resembles someone in her town of St. Mary Mead. The main figure of over 15 books, she is best known for her appearances in A Pocket Full of Rye, The Murder at the Vicarage, and The Mirror Crack'd. FTP name this elderly sleuth created by Agatha Christie.

Miss Jane Marple

20. Every year, during the festival of Rathayatra, an idol representing an avatar of Vishnu is taken from its temple and paraded on an enormous wooden cart. In the past, a small number of the frenzied onlookers threw

themselves under the wheels of the cart as an act of pious devotion, and subsequently died. This practice was stopped by the British and gave rise to, for ten points, what term commonly used to describe an invincible

crushing force.

Answer: **juggernaut** (you can also accept **jagganath** the Sanskrit name of this form of Krishna)

21. Born in 1793, this man was a special envoy to the Cherokee Nation and had a Cherokee wife. He served under Jackson during the Creek wars and was Attorney General of Nashville in 1818. He also served as a U. S. senator, governor of two states and President of Texas. FTP who defeated Santa Anna at the battle of San Jacinto, the namesake of a Texas city?

Answer: Sam Houston

22. It begins at the base of Yagradagze Mountain, then snakes north to Hekouzhen in Inner Mongolia before going south through the provinces of Shanxi, Shandong and Henan and across the North China plain, emptying into the Gulf of Bohai. As it reaches the lowlands, deposited sediments raise its bed 10 feet above the surrounding floodplain, and since 200 A.D. a system of levees has been employed to contain it. In 1939 its levees were deliberately destroyed to halt the Japanese advance into China, and the resulting flood took more than 900,000 lives. FTP, identify this river of northern China whose name comes from the ochre-colored loess it carries.

Answer: Yellow River or Huang He or Hwang Ho

**TOSSUPS -- ROUND 12 LIVE AID 2000 -- UTC/UMR/USC**

1. It was originally assigned the project number 281 by its studio RKO, which is why the HBO movie about its making was called “RKO 281”. The original screenplay included two extraneous scenes depicting immorality, which co-author Herman Mankiewicz inserted just to have something to sacrifice to the censors. It begins with a parody of “The March of Time” newsreels, in which Alan Ladd can be seen. For 10 points, name this 1941 classic, the title character of which is based largely on William Randolph Hearst, and which forced into the moviegoer’s consciousness the word “rosebud.”

Answer: Citizen Kane

2. One in 100 women require surgery to stop the bleeding, but generally it is 92-95.5% effective. According to opponents, one US woman nearly bled to death during trials, but the Food and Drug Administration has approved it after ten years of debate and study. Working by blocking receptors of progesterone, FTP, what controversial pill has been described as being "as revolutionary as the birth control pill" by the President of Planned Parenthood.

Answer: RU-486 or mifepristone

3. . She was born as Isabella Van Wegenen circa 1797, but took her more famous name in 1843. Given her freedom by New York State's emancipation law in 1828, she turned to prech abolitionism throughout the country and, later, women's rights. President Lincoln eventually received her in the White House in 1864. FTP, name this charismatic orator famous for her line "and ain't I a woman?"

Answer: Sojourner Truth

4. In Brian Skrymes’ article Choice and Chance he equates this with rationality itself. Francis Bacon declared that it was the same as scientific discovery. Bertrand Russell's "The Problems of Philosophy" contains one of the clearest explanations of its problem and partially suggests a solution - one which is generally accepted today. The problem was originally stated in "An Enquiry Concerning Human Understanding" in which Hume argues that this is needed for all knowledge of cause and effect. Because of this problem, we have no reason to believe the sun will rise tomorrow. For 10 points this is which type of reasoning used when we infer from many specific cases and conclude a general case.

Answer: **induction** or **inductive logic**

5. Considered by many to be the finest Baroque sculptor-architect, he was put in charge of building St. Peter’s Basilica in Rome in 1624 by his patron Pope Urban VIII. He himself designed the canopy over the high altar at St. Peter’s, as well as the colonnade outside. FTP – name this man who also designed the Fountain of the Four Rivers in Piazza Navona, as well as St. Teresa in Ecstasy.

Giovanni Lorenzo \_Bernini\_.

6. It appears that distant galaxies are receding from each other at an ever-increasing rate, rather than one that decreases because of gravitational attraction. This constant is used to signify this increasing rate of recession. The most likely cause behind this phenomenon is “vacuum energy” caused by quantum effects in the intergalaxial void. FTP, name this constant signified by lambda that Einstein called “his greatest mistake.”

Answer: the cosmological constant

7. The son loves going to the movies. The daughter failed business college. The mother loves daffodils. The only trace of the father is the large picture of him on the living room wall. The family lives across from the Paradise Dance Hall in St. Louis. The gentleman caller is taking public speaking courses. FTP give the name of this Tennessee Williams play in which Jim breaks Laura's unicorn.

The \_Glass Menagerie\_

8. This city of 73,000 people on the Arkansas River is one of the most historical cities in the U.S. During the days of the Wild West, it was famous for its brothels, which lined the riverfront. Today, it has the only bordello listed on the National Historical Register, which is proudly touted in the city’s literature. The seat of Sebastian County, it has a significant Asian population dating to the late 1800s, and is the industrial center and 2nd largest city in Arkansas. FTP, name this city, mentioned earlier today as the home of hanging Judge Isaac Parker.

## Fort Smith

9. Formed in 1976 by Joe Strummer and Mick Jones, this punk band often played songs with political themes and gave themselves as image ass rebels with a cause. They became incredibly popular in Britain with their second album, entitled *Give ‘em Enough Rope.* Although they retained their superstar status in Britain until they broke up in 1986, they never became immensely popular in the U.S. For ten points, name the band that is known for songs such as “White Riot,” “Rock the Casbah,” and “Should I Stay or Should I Go.”

*Answer:* The Clash

10. Her feminist western entitled “Sisters” only sold about 500 copies. A second novel “Executive Privilege” also had underwhelming sales. With her husband, she wrote “Kings of the Hill: How Nine Powerful Men Changed the Course of American History.” This senior fellow at the American Enterprise Institute, a conservative think tank, is on hiatus trying to help her husband get control of Air Force Two for the next four years. FTP, name this woman married to a Dick.

Answer: Lynne **Cheney**

11. He was writing "Green Lantern" when he turned his eye towards science fiction and wrote two landmark novels, the first of which is a strange tale of a murder in a world where most of the cops are telepaths. His second novel has been thought of by some as the first "cyberpunk" novel, with its huge corporations, lone anti-hero, and futuristic setting. FTP, name the author of \_The Demolished Man\_ and \_The Stars My Destination\_.

Alfred \_Bester\_

12. After criticizing Khrushchev, he was appointed ambassador to Mongolia. The head commissar in the 1930's, shortly before World War II Stalin made him foreign minister, in which capacity he negotiating the 1939 German-Soviet Nonaggression Pact. He also attended the Teheran, Malta, and Yalta Conferences. For 10 points-name this statesman known for his eponymous crude explosives.

Answer: Vyacheslav Mikhaylovich **Molotov** (accept Scriabin)

13. It was discovered in 1801 by the Spanish mineralogist Andrés Manuel del Río, who named it erythronium but eventually came to believe it was merely impure chromium. The element was then rediscovered in 1830 by the Swedish chemist Nils Gabriel Sefström, who named it after the Scandinavian goddess of beauty and youth. It is found combined in various minerals, coal, and petroleum and is most commonly used alloyed with steel and iron to produce high-speed tool steel, high-strength low-alloy steel, and wear-resistant cast iron. FTP, identify this element, number 23 on the periodic table symbolized with the letter V.

 Answer: **Vanadium**

14. A cup bearer for the Persian king Artaxerxes, this Jew became upset when he learned that the wall around Jerusalem was down following the Babylonian Captivity. He asked the king for a leave of absence and materials with which to rebuild the wall. He rebuilt it in 52 days and his story is recorded in a book of the bible by the same name. FTP name this man whose book comes between 2 Chronicles and Ezra.

Answer: Nehemiah

15. These legislative acts dated back to the 12th century but became particularly burdensome in the 19th. John Bright and Richard Cobden founded a group in Manchester to fight against them, and Irish peasants demonstrated against them following the potato crop failure. Repealed in 1846 by Robert Peel, FTP identify these laws regulating the trade of grain.

Answer: Corn Laws

16. This physical concept was formulated to explain how mountains would rise above the Earth’s surface, given that their tremendous mass should cause them to sink. It states that a column of low density lithospheric rock pushes into the liquid asthenosphere until weight equilibrium is established, much as an object floating in water displaces a portion of the water beneath it. The model of this principle formulated by Sir George Airy states that a larger mountain would have a proportionally larger root beneath the surface, while the model of J.H. Pratt states that root thickness is constant, with higher elevations occuring in rock with a lower density. FTP, identify this geologic concept which depicts the continents as masses floating in the Earth’s mantle.

Answer: isostacy

17. This pragmatic Chinese reformist encouraged political freedom beyond that granted by Deng Xiaoping [jow-PING], as he was Deng’s designated successor. When students took to the streets supporting his position, therefore, he was hesitent to suppress the rebellion, and was dismissed by Deng, who wanted to consolidate the power of the Communist Party. For 10 points, name this former general secretary, whose death in April 1989 set off a series of student demonstrations in Tiananmen Square.

Answer: Hu Yaobang

18. In 1838, he described his concept of a new science that would discover the laws of human society by using factual investigation. He argued that an empirical study of historical progress reveals a law of three stages that govern human development. FTP-name this founder of sociology, who analyzed these stages in his six-volume Course of Positive Philosophy.

Answer: Auguste Comte

19. This leading feminist caused scandal when she sent her daughter to live with her ex-husband and his new wife in 1894. After she became single again, she toured the nation giving lectures on her papers, the most famous of which, 1898's Women and Economics, called for economic independence for women. FTP, name this author who is probably most well-known today for her novel Herland or her short story “The Yellow Wallpaper.”

Charlotte Perkins \_Gilman\_

20. This man’s father, Andrew, was Scottish, and his mother, Monique, was Swiss. When both of his parents were killed in a climbing accident when he was only 11, he went to live with his aunt. After briefly attending the University of Geneva, he became a reserve officer in the British Navy during World War II and was eventually promoted to the rank of Commander. After the war, he joined a branch of the British Secret Service known as MI6. For ten points, name this character created by writer Ian Fleming who is also featured in a film franchise.

*Answer:* James Bond

21. This term originated, like its fellow faunal terms *bull* and *bear*, on the London stock exchange of the 18th century. It originally referred to a broker who defaulted on his debts. Americans adapted the term to politics, liberally applying it to any president whose powers are thought to be waning. Passage of the 22nd Amendment in 1951 extended a certain sense of waning to all second-term presidents because it bars them from running for a third term. FTP, what is this term that refers more to Bill Clinton than Daffy or Donald?

Answer: *lame duck*

22. Its ancestor, the sackbut, originated in about 1400 as an improvement to the trumpet. Built in various sizes including alto, tenor, and bass, it was a favored instrument in church and chamber music until its decline

around 1700. As a member of the expanding military bands, it became a permanent fixation in orchestras in about 1850. FTP, name this lower brass instrument, the companion to the tuba, trumpet, and French horn,

which features a large sliding section.

Trombone

23. It is a simple formal device used to study fundamental concepts in programming languages. It was developed by Alonzo Church in the 1930's as a theoretical model of computation used to study functions and function application and recursion. Later, it was discovered that it could serve as the basis of practical programming languages, like LISP and Scheme. FTP, name this important formal mathematical system named after a Greek letter.

\_lambda \_ calculus

**TOSSUPS -- ROUND 13 LIVE AID 2000 -- UTC/UMR/USC**

1. Among its provisions was guaranteeing the vote to all freemen who held fifty acres. Once the territory's population reached 5,000 free male residents, they could elect a territorial legislature, but the Cogressionally-appointed governor still held an absolute veto. Residents could petition for statehood once the popluation reached 60,000. FTP, name this 1787 law, which also forbade slavery throughout the Northwest Territory.

Answer: Northwest Ordinance

2. He became a Roman Catholic at age 27, but his early novels, such as Decline and Fall, Vile Bodies, and Black Mischief evidenced a biting satirical wit. However, after serving in the British Royal Marines and the Royal Horse Guard during WWII, he began writing novels with Catholic themes. FTP, name this author of The Loved One, Helena, and Brideshead Revisited.

Evelyn \_Waugh\_

3. This glycoprotein is released in the anterior pituitary gland, and it eventually stimulates uptake of iodine in the thyroid gland, as well as conversion of diiodotyrosine into thyroxine. When iodine is lacking, not enough thyroxine is produced to shut off this substance's release, and it overstimulates the thyroid, becoming responsible for goiter. FTP, name this thyroid-stimulating hormone.

Answer: Thyrotropin (accept thyroid stimulating hormone on VERY early buzz)

4. It began with five teams in 1946, including Cincinnati, Wayne State, Butler, and Western Reserve, none of whom remain in the league. Two teams rejoined in 1997, Northern Illinois, and the team which has won its football championship in the years since. Primarily in Ohio--for 10 points--name this athletic conference whose membership includes Buffalo, Eastern Michigan, Akron, and Marshall.

answer: Mid-American Conference or MAC

5. The subject of a tragic poem by Milton and a composition by Saint-Saens, this Old Testament character's birth was foretold by an angel of God, who said that he would live as a Nazarite. At the feast of Dagon, he was brought to the temple to be mocked for his blindness and weakness, but Jehovah gives him the strength to knock down two pillars of the building. FTP, who is judge of Israel who was betrayed by Delilah?

Samson

6. Born in Clifton, Ohio and educated at Wittenberg College and Theological Seminary, this pastor eventually started his own publishing firm in New York City. In addition to editing periodicals dealing with theology,

prohibition, psychic phenomena, and simplified spelling, he edited the “Jewish Encyclopedia.” For ten points, name this man who edited the “Standard Dictionary of the English Language” along with Adam Willis Wagnalls.

Answer: Isaac Kauffman **Funk**

7. The last name’s the same. The father wrote operas, such as Il Mitridate Eupatore, and various religious works, and was important in the development of classical harmony. The son was born in the same year as Bach and Handel and composed for the Vatican before moving to Portugal. FTP name these men, the later of whom is most famous for his over 500 harpsichord sonatas.

Answer: Alessandro and Domenico Scarlatti

8. Born in Philadelphia on December 16, 1901, she was educated at Barnard College and Columbia University. A believer in cultural determinancy, her observations depended more on observation than statistics or data. Her most well known field research took place in New Guinea, Bali and Samoa. FTP name this anthropologist whose best known book is Coming of Age in Samoa.

Answer: Margaret Mead

9. It is mathematically defined as the gravitational constant, doubled, multiplied by mass, divided by the speed of light squared. For a mass the size of a human being, it is about 10-23 cm, smaller than the nucleus of an atom. For a typical star, however, it is about 2 miles. Below this distance, the gravitational attraction between particles in an object would cause it to undergo gravitational collapse. Simply put, it is the radius of the event horizon of a black hole. FTP, identify this value named after the German astronomer who first predicted the existence of black holes in 1916.

Answer: Schwarzschild radius

10. It was first produced during the 16th century in the state of Jalisco, Mexico, and first imported into the United States in 1873. Contrary to popular belief, the plant from which it is produced is a spiny member of the lily family, but not a cactus, and true varieties do not include the worm. FTP, name this libation made from the blue agave plant.

\_Tequila \_

11. His first Broadway production, which lasted four performances in 1944, got a second chance in April 2000 with a one month run in Los Angeles. Appropriately, its title was ~The Man Who Had All the Luck. His more successful efforts include The Price, After the Fall, and All My Sons. FTP name the playwright of The Crucible and Death of a Salesman.

answer: Arthur Miller

12. “The Responsive Eye,” a 1965 Museum of Modern Art exhibit, showcased this art movement. Pioneered by Josef Albers and Victor Vasarely, it used effects like moiré [mwah RAY] patterns to create illusions of motion and space. FTP, name this movement also known as “perceptual abstraction” or “retinal art.”

Answer: Optical Art (also accept “perceptual art” or “retinal art” before they are used)

13. In 1853, this leader fled his country and worked in a tobacco factory. After 1857, he became both Vice President and Chief Justice of the Supreme Court. When President Comonfort approved the demands of a conservative uprising, this man fled the capital. After the three-year War of the Reform, he entered Mexico City wearing black in a black carriage. His presidency was interrupted by the reign of Emperor Maximilian. For 10 points, name this liberal leader eventually deposed by Porfirio Diaz.

Answer: Benito **Juarez**

14. Thoron refers to its 220-isotope, while its 219-isotope is called actinon. Together with the 222-isotope, actinon forms emanation, the result of the nuclear disintegration of radium. This unusual separation of names for this element springs from its easy separation from other radioactive elements. For 10 points--name this radioactive, but chemically unreactive, noble gas.

answer: Radon or Rn

15. This anti-masterpiece of a film, with its incoherent plot, terrible dialogue, inept acting, and ridiculous special effects is considered by many of be one of the worst films ever make. Starring Bela Lugosi, the Finnish actress Vampira, ant the pro wrestler Tor Johnson, the plot of this film consists of aliens trying to take over the world by raising the dead, including and old man dressed up in a Dracula costume, his wife, and an overweight police officer. For ten points, name this 1956 film that was directed by the infamous B- movie director Ed Wood.

Answer: Plan 9 From Outer Space

16. . It was founded in 1577 at a sacred Sikh site, and soon after, the Golden Temple was built there and it became the most important pilgrimage site for the Sikhs. It is now the largest city in the Indian state of Punjab. In 1984 the Indian army killed hundreds of Sikh separatists at the Golden Temple, which recalled, FTP, the 1919 British massacre of almost 400 non-violent demonstrators here.

Answer: Amritsar

17. To pass the time away he wrote a math textbook and read other books, a favorite being One Hundred years of Solitude. That turned out to be 99 and a quarter years more than this Texas A & M graduate endured while on trial for mishandling classified documents. FTP name the recently freed Asian-American nuclear scientist who worked at Los Alamos.

Answer: Wen Ho Lee

18. The greater stretches 750 miles from the Taman Peninsula to the Abseron Peninsula, and while the lesser isn’t quite as long, it does contain Lake Sevan. Also home to Mount Elbrus, the valley between the two is divided into the Kolkhida Lowland, bordering the Black Sea, and the Kura-Araks, bordering the Caspian Sea. FTP name this mountain range of Armenia, Azerbaijan, Russia, and Georgia, forming a boundary between Europe and Asia.

\_Caucasus \_ Mountains

19. The subject of this memoir is a complex figure, a Rastafarian, a lover of John Milton, and a closeted homosexual who died in 1996 at the age of 33. The narrative starts out in Vermont but follows the author back to her home in St. Johnís, Antigua, where Devon Drew lies in the Holberton Hospital, dying of AIDS. For ten points, give the title of this 1997 book by Jamaican Kincaid that describes her relationship to its subject.

# Answer: My Brother

20. He was present at the Battle of Edgehill, which took place in 1642 during the English Civil War. The personal physician to both James I and Charles I, his teacher at Padua was Hieronymous Fabricius, who had discovered one-way valves in the circulatory system of humans. FTP name this Renaissance physician, whose dissection of many animals, including humans, led to his discovery of the nature of blood circulation and the role of the heart as a pump.

William Harvey

21. The Australian Joseph Furphy’s 1903 work Such is Life was written as excerpts from the diary of this character. Another character of the same name was a professor of computer age philosophy who had ran naked through the Parthenon in Jonathon Larson’s musical. FTP, what is this common name, which is also a drink consisting of gin, lemon juice, club soda, a cherry and an orange slice?

Answer: Tom Collins

22. Sitting on the throne between 1925 and 1935, Rama VII was the last absolute king of this country. The Promoters Revolution of 1932 initiated the so-called Constitutional Era. The adjective form of this country provides the name of a kind of cat, can be found in the title of a Smashing Pumpkins CD and refers to a special kind of twins. FTP, name the country that provides the setting for “The King and I.”

Answer: *Siam* (grudgingly accept Thailand)

23. In 1953, Queen Elizabeth II paid a special visit to Tui Mallia, a member of the royal family of Tonga. She found Tui nearly blind and showing some signs of senility--not suprising, since Tui was then 176 years old. FTP, identify Tui, a gift from James Cook to the King of Tonga.

A tortoise

**TOSSUPS -- ROUND 14 LIVE AID 2000 -- UTC/UMR/USC**

1. This prodigy began teaching science at a Quaker school at the age of 12 in 1778, an intense fascination with meteorology and the various gases in the air fueling his desire to learn more. He did have his shortcomings, however, as he was rather inarticulate and colorblind, a very dangerous handicap for a chemist to have. FTP, identify this Englishman responsible for the first compiled table of relative atomic weights.

Ans: John Dalton

2. Eleanor Roosevelt organized the Tractors for Freedom Committee in response to the ramifications of this event. These ramifications, in the form of 1100 captives, were eventually returned once the US ponied up $53 million in food and medicine. Of course this ransom would not even be necessary if the CIA had not underestimated Fidel Castro’s forces in, FTP, what failed US invasion of Cuba in 1961?

\_Bay of Pigs \_ Invasion

3. A Texan named Joe Buck decides to go to New York city to work as a gigolo. Unfortunately, his plans fall through, and he ends up moving in with a small-time con man named Ratso Rizzo. Things start to look good for Buck when he finally starts to get some business, but Rizzo, who is suffering from tuberculosis, begins to get sick. Buck then ends up using the money he’s earned to take Rizzo to his dream life in Miami. For ten points, name this X-rated, 1969 film starring Jon Voight and Dustin Hoffman which won Oscars for Best Picture and Best Director.

*Answer:* Midnight Cowboy

4. . It had been established as a military post during the revolt of the Maccabees, and was converted into a palace by King Herod the Great during the Parthian invasion of 40 BC. It was held by the Romans until AD 66, when around 1000 Zealots under Eleazar ben Jair captured it and held out there for three years after the fall of Jersualem. FTP, name this 1300-foot-tall rocky plateau overlooking the Dead Sea, site of the AD 73 mass-suicide of its Jewish occupants.

Masada

5. This medical phenomenon is most often found in pilots of high performance aircraft, as it can very easily be induced by maneuvers such as outside loops. The exact cause is the negative g-forces experienced in such maneuvers. FTP, what is this occurrence, possibly more dangerous than blackouts because the human body can withstand the positive G’s that cause blackout far better than negative G’s?

Answer: redout

6. At 4:00 AM on the tenth day of the tenth month in 1643, this man began to write his only work of literature, although he would later go on to be an artist. It is said that he never combed his hair, never took a bath, and never fathered children, in addition to having first killed a man in a duel at the age of 13. FTP, name this most famous of Japanese swordsmen, author of The Book of Five Rings.

Miyamoto Musashi (or Musashi Miyamoto)

7. In this large 20th century orchestral work, the composer drew upon the music of Scriabin, Ravel, and Bartok as well as oriental philosophy and heaven myths. If it were composed in 1930 rather than from 1914 to 1918, it might have consisted of eight orchestral tone poems rather than seven. Name this work, Opus 32 of Gustav Holst, which begins with "Mars, the Bringer of War."

The Planets

8. Once considered conflicting, IIA, D0-brane, D2-brane, D4-brane, and NS-fivebrane now stand in accordance to each other. Kaluza-Klein theory shows the mechanism for Calabi-Yau Manifolds to be compacted into normal 3 space and add 6 extra dimensions to our reality. Adding time and the ability to curl one more dimension into a tube-like structure, yields the 11 dimensions of current theory. FTP, name the Grand Unifying Theory which purports to explain all of the forces governing reality.

Answer: \_String\_ Theory

9. Based on the U.S. Declaration of Independence, this document begins, “When, in the course of human events, it becomes necessary for one portion of the family of man...” Using reasoning of human freedom from the anti-slavery movement, this declaration came as part of a conference called by two abolitionists, Lucretia Mott and Elizabeth Cady Stanton. FTP- name this statement from a 1848 New York meeting about women’s rights.

Answer: Seneca Falls Declaration or Declaration of Sentiments

10. His first play was 1894's "The Countess Cathleen" and "Purgatory" was the last. "At the Hawk's Well" is in imitation of Japanese noh plays, which Ezra Pound had introduced him to. His work's connection to local myth was inspired by his friend Lady Gregory, and with her he formed the Abbey Theater. For 10 points-name this Nobelist better known for poems like "The Tower," and "Sailing to Byzantium."

Answer: William Butler \_Yeats\_

11. Some of this group’s early names included the Originals, the New Originals and the Thamesmen (TEHMS-men), the name under which they recorded the hit “(Listen to the) Flower People.” Their heavy metal albums, including Shark Sandwich and Intra-Venus de Milo, were critically panned, and their 1982 U.S. tour was snake-bitten, at least as recorded by Marty DiBergi (dih-BERG-ee). “This is,” for 10 points, what group, whose Smell the Glove tour was the subject of a “rockumentary” by DiBergi (actually Rob Reiner)?

Answer: **Spinal Tap**

12. Although he first studied jurisprudence at the University in Prague, he went on to receive his doctorate in psychology in 1905, then immigrated to the U.S. in 1933. His investigation of the phi phenomenon led to his later studies in perception. FTP name this German-born psychologist, one of the founders of Gestalt theory.

Max \_Wertheimer \_

13. Recognized only by Pakistan, Saudi Arabia and the United Arab Emirates, this ruling faction, through deputy foreign minister Abdur Rahman Zahid (zah-HEED), is petitioning the United Nations for an Assembly seat. Its country’s seat is still held by representatives of ousted president Rabbani, who accuses Pakistan of arming this ruling faction. For 10 points, name this group, whose U.N. application is largely being held up by the accusations that its country is sheltering Osama bin Laden (LAH-den); that country is Afghanistan.

 Answer: the **Taliban** or **Taleban**

14. He claims that the favorite book he's ever written is \_The Relation of My Imprisonment\_ because no one else liked it. His most recent novel was set as an epic series of confessional letters from Own Brown to a researcher writing a biography on his father, John Brown, about his father's life leading up to Harper's Ferry and about his own failure in life. FTP, name this author *Cloudsplitter*, *Rule of the Bone*, and *Continental* *Drift* whose books *The Sweet Hereafte*r and *Affliction* have recently been made into movies.

Answer: Russell **Banks**

15. It is broken into about a dozen separate blocks, which meet at boundaries classified as divergent, convergent or transform. The blocks themselves are separated into layers, the lower of which rides on the asthenosphere (a-STEN-o-sphere). Subduction occurs at boundaries where oceanic and continental blocks meet. For 10 points, name this stony stratum of the Earth, whose upper, low-density layer is the crust.

Answer: the **lithosphere** (prompt on: **crust** before it is read in the question)

16. In 1811 he succeeded Sir Peter Parker as head of the British fleet with the sole purpose of escorting Loius XVIII to France. In 1789 he had been created as Duke of Clarence and Earl of Munster in Ireland so that he could take his place in the House of Lords. He married Princess Adelaide and had two children - but both of them died when they were very young. Upon the death of his brother Frederic, Duke of York, he became heir to the British throne becoming king in 1830. For 10 points name this successor to George IV of England whose niece Victoria ruled after him.

Answer: **William IV**

17. Other than the fact that he studied under Robert Campin (Cam-PAN), little is known about this Flemish artist of the fifteenth-century. In some of his intensely mystical paintings, he used gilt backgrounds and enclosed architectural spaces, which greatly influenced Flemish painting in the following centuries. For ten points, who was this leading artist of the Northern Renaissance, responsible for works such as “St. Luke Drawing the Virgin” and the emotionally intense “Descent from the Cross?”

Answer: Rogier van der **Weyden**

18. Its name is Maori for "spiny back."\* Limited to a worldwide population of only about 100,000 and once thought to be the last of its kind, a 1990 report established that a second, rarer species did exist, bringing the

number of species in its taxonomic order up to two. For 10 points, name this New Zealand reptile often mistaken for a lizard that is distinguished by its abnormal bone structure and third eyelid.

**Tuatara** or Sphenodon punctatus

19. This country of approximately 700,000 people was visited by Europeans in the 15th century, but it was not colonized until the Dutch did so in the early 1600's. Rule was contested by both the French and the British and the British finally took control from the Dutch in 1831. After slavery was abolished, indentured servants from the East Indies were brought to work the land, and their descendants today form the majority of the population of, FTP, what South American country with its capital at Georgetown?

 \_Guyana\_

20. It formed as a glacial kettle, when a large block of ice broke off from a glacier and melted. British colonists later founded the town of Concord nearby. In 1845 a small cabin was built on its shore. It was made famous by the person who constructed the cabin and lived in it until 1847. For ten points, name the pond near which Henry David Thoreau lived from 1845 to 1847.

Answer: **Walden** Pond

21. This man once stated that “eating beans is a crime equal to eating the heads of one’s parents.’ His little-known gastronomical theories state that beans serve as ‘ladders for the souls’ of men migrating up from the underworld and that you should never eat the brains and hearts of animals. For ten points, who was this man, who is better known for stating that “everything is numbers” and for his theorem for figuring out the hypotenuse of a right triangle.

Answer: **Pythagoras**

22. D. H. Lawrence wrote about “Love Among …” these agricultural products. Van Gogh, Gaughin, Monet and many others have all painted them. FTP, name these structures where one would be challenged to find a needle.

Answer: *Haystacks*

23. Over one million square miles in size, this country includes Lake Balkhash and part of the Altai mountain range. In 1999 its president, Nursultan Nazarvayev was reelected to another 7-year term amid a voting scandal, and more recently it has been the sight of disputes with Russia over the Baikonur launch facility. FTP name this central Asian country, with its capital at Astana, that is the 2nd largest country formerly part of the U.S.S.R.

 A: Kazakhstan