

TOSSUPS -- ROUND 3 CENTER OF THE KNOWN UNIVERSE OPEN/ROLLAPALOOZA 1999

1. Maurice Garin won the first, in 1903. Lucien Petit-Breton was the first back-to-back winner, in 1907-08, Philippe Thijs the first three-time winner, and Jacques Anquetil the first four- and five-time winner. In fact, Anquetil's run of four in a row from 61-64 was tied by Eddy Merckx from 69-72 and bested by Miguel Indurain's five-time dominance from 91-95. For 10 points, name this event, won this year by Lance Armstrong.

Answer: **Tour de France**

2. The work recounts a story as told in the Old Testament Book of Judges. The hero's father brings him news that the Philistines are having a feast to thank the idol Dagon for delivering him into their hands. Then Harapha, a Philistine giant, comes to gloat over his misfortune, whereupon our hero re-assumes his role as Jehovah's champion, ultimately pulling down the pillars that support the temple of the Philistine god Dagon, crushing himself along with his captors. For 10 points, identify this 1671 tragedy about a blinded hero by the blinded John Milton.

Answer: **Samson Agonistes**

3. One of the objectives of the most recent Shuttle mission was to deploy an X-ray telescope named for this man. He did important work on energy transfer by radiation in stellar atmospheres and convection on the solar surface, and attempted to develop a mathematical theory of black holes. But, his most lasting contribution to science was the determination that stars of more than 1.44 solar masses become neutron stars and black holes upon decay, while smaller stars become white dwarves. For 10 points, identify this co-winner of the 1983 Nobel Prize in Physics.

Answer: Subrahmanyan **Chandrasekhar**

4. It has only two cities with over 15,000 people, and its capital has only 8,200. The first state to forbid involuntary slavery, it was an independent republic so independent that George Washington believed he would have to send troops to overthrow its government. Famous natives include both Joseph Smith and Brigham Young as well as Presidents Arthur and Coolidge. FTP name this state, the 14th admitted to the union.

Answer: **Vermont**

5. We know almost nothing about him. His time period can be established by his mention of the ravaging of the Edomite kingdom and of devotion to temple worship; he probably wrote between 500 and 450 B.C. Some have suggested his book was really more writings by Ezra or Zechariah. FTP name this minor prophet, whose best-known passages cover tithing and the imminent coming of the Messiah, namesake of the last book of the Old Testament.

Answer: **Malachi**

6. The "no quarter" generalship and slaughter of the routed rebels here earned the nickname "the Butcher" for William Augustus, the Duke of Cumberland. On the other hand, Cumberland wiped out his foes with losses of only 300 at this showdown northeast of Inverness. FTP name this 1746 battle which ended the last chance of a Stuart restoration in Scotland.

Answer: **Culloden** Moor

7. New York state health officials found this in well number six at the Washington County Fairgrounds in Greenwich, N.Y., which led to the deaths of two people as of this writing. Officials fear that this outbreak will be worse than the 1993 Jack-in-the-Box outbreak in Washington state, which killed 4 and infected 700. For 10 points, identify this bacterium, common in the digestive tract.

Answer: Escherichia coli

8. The direct election of senators, the introduction of the secret ballot, restriction of immigration, term limits for president and vice-president, a ban on federal subsidies for industry, and an expression of support for the Knights of Labor in their struggle against the "tyrannical combine of clothing manufacturers in Rochester" were among the supplemental resolutions, while their main platform emphasized economic issues such as a graduated income tax, government regulation of railroads, telephone and telegraph lines, government loans direct to farmers, and the free and unlimited coinage of silver. FTP name this rural political party of the 1890s, which nominated James B. Weaver for president in 1892.

Answer: People's Party or Populist Party

9. A metalworker by trade, he was captured by the Russians in World War I and became a Communist. While the Western press gave much more ink to the other anti-Nazi rebels led by Draza Mihailovic, most historians agree that this man's partisans formed a much more effective resistance movement. FTP name this man, born Josep Broz, who despite his postwar defiance of Moscow became a surprisingly durable President of Yugoslavia.

Answer: Tito

10. The mother in this family was the idealized, sweet-natured Ellen; her death was a blow from which her husband, the fiery Irish immigrant Gerald, never recovered. The siblings included the affable but spoiled Carreen and the bitchy Suellen. FTP name this family of Jonesboro, Georgia, whose antebellum family estate was Tara.

Answer: O'Hara

11. The concept must always have been in the minds of buyers and sellers, but the term and the definition come from Alfred Marshall's 1890 classic *Principles of Economics*. It can be determined for substitution and supply, but more commonly is used with respect for demand, where formulas for its coefficient have been established for income and price. FTP give the economic term defined as the ratio of the relative change in a dependent variable to the relative change in an independent variable.

Answer: elasticity

12. Probably the largest group of all the fishes, they have barbed dorsal and pectoral fins, and almost all have a mucous film coating and no scales. There are saltwater varieties, such as the one nicknamed Oscar the Terrible, and freshwater ones such as the Gafftopsail. FTP name this group of fish, virtually all of which are scavengers, now among the most important agricultural products of Mississippi.

Answer: catfish

13. A failed playwright, this Kentucky native turned without enthusiasm to the cinema, where he directed over 400 one-reel films for Biograph. His method of continual improvisation prevented him from the smooth, polished editing of some of his lesser contemporaries, but he compensated in such films as *Broken Blossoms* and *Way Down East* with his vision and his command of visual narrative. FTP name the pioneering director of *Intolerance* and *The Birth of a Nation*.

Answer: D.W. (David Wark) Griffith

14. Bemoaning the quality of Greek drama after the death of Euripides, Dionysus disguises himself as Heracles and goes to retrieve Euripides from Hades. However, a competition there between Euripides and Aeschylus convinces Dionysus to rescue the latter instead. FTP name this 405 B.C. comedy by Aristophanes.

Answer: The Frogs, or Batrachoi

15. It was decided by a 7-0 vote. The majority opinion asserted that the Federal government proceeds directly from the people and that there was nothing that limited it to the powers enumerated in the Constitution. This included the 10th Amendment because unlike a predecessor provision in the Articles of Confederation, it did not include "expressly" and thus allowed "incidental or implied powers." FTP name this landmark 1819 Supreme Court decision over a state's right to tax an instrument of the Federal government.

Answer: McCulloch v. Maryland

16. In their golden era they were portrayed by Amy Jo Johnson, Walter Jones, David Yost, Austin St. John, & Thuy Trang. They hung out in a combination gym and juice bar, waiting for an evil witch named Rita to unleash such monsters as a giant pig designed to consume all of Earth's food supply. FTP name this hideous surprise hit children's show which spawned 1993's hottest Christmas toys.

Answer: the Mighty Morphin' Power Rangers [prompt on Power Rangers]

17. He was born in Washington D.C. in 1899, but moved to New York City in 1923 and soon after his ten-piece band was playing "jungle music" at the Cotton Club. Songs like "The Mooche," "Mood Indigo," and "Rockin' in Rhythm," made his band famous. However, it was Billy Strayhorn's classic "Take the 'A' Train" which became this bandleader's signature song. FTP, name this jazz pioneer whose real first name was Edward but whose stage name had a more dignified appeal.

Answer: Duke Ellington

18. Over the years its admission standards were apparently lowered. In Hesiod's time it was open to the blessed in general, and by Pindar's time entrance was gained by merely having led a righteous life. But in Homer's time only those specially favored by the gods got in. FTP name the dwelling place of happy souls after death in Greco-Roman mythology.

Answer: the Elysian Fields, or Elysium, or the Elysian Plain; accept Isles of the Blessed

19. While he taught and lectured extensively, his volume of work is small: the essay collections *Shadow and Act* and *Going to the Territory*, some short stories and reviews, and an unfinished second novel. FTP name this author, who won a National Book Award for his tale of a nameless black man's search for identity, *Invisible Man*.

Answer: Ralph Waldo Ellison

20. This transuranic element is in almost every home in America because, well, it's usually the law. OK, it isn't that law that this particular element be there, but since its 241 isotope is usually the operating part of a smoke detector, it often ends up in homes. As is typical of transuranic elements it's an alpha emitter, so aside from smoke detectors it's also used in AmBe (pronounced Am-Be, like it looks) neutron sources. Its -241 isotope has a half-life of about 432 years, and is the result of a beta decay from plutonium. FTP, what is this element with atomic number 95?

Answer: Americium

21. The newest color for Crayola replaces "Indian red" and appeared in September, 1999. In addition to its use as a color, the word may also apply to the hard knob in the skin of the horse at the inner side of the forelegs, or a story that has been told too many times before. For 10 points, identify this term, also used to refer to such trees as *Castanea vesca*, *Calodendron capense*, and *Aesculus Hippocastanum*, the last usually referred to as "Horse".

Answer: chestnut

BONI -- ROUND 3 CENTER OF THE KNOWN UNIVERSE OPEN/ROLLAPALOOZA 1999

1. One advantage of COTKU being so early in the season is we get first crack at writing questions like last year's "One Week" bonus. Name these seemingly-unrelated persons for 5 pts. each:

(a) This supermodel plays Toni Braxton's lover who dies in the video for "Unbreak My Heart."

Answer: Tyson Beckford

(b) Founder of the Sundance Film Festival, his one Oscar is not for acting, but for directing 1980's *Ordinary People*.

Answer: Robert Redford

(c) Apart from filmed versions of operas, his lone attempt at movie stardom was the wretched 1979 film *Yes, Giorgio!*

Answer: Luciano Pavarotti

(d) He showed promise in such early vehicles as *Once Bitten*, *The Duck Factory*, and especially *In Living Color*, but managed to become rich and famous off several films that fulfilled little or none of that promise.

Answer: Jim Carrey

(e) He did indeed play in *Fargo*, as the little punk who has a date with a woodchipper.

Answer: Steve Buscemi

(f) Unlike the other five, this Oscar nominee for *What's Eating Gilbert Grape?* is also mentioned by name in the title of the Blessid Union of Souls song subtitled "She Likes Me for Me."

Answer: Leonardo DiCaprio

2. 30-20-10, name the author from works.

30) His novels include *Les Bijoux indiscrets*, *La Religieuse*, *Le Neveu de Rameau*, and *Jacques le Fataliste*. His plays include *Le Pere de famille* and *Le Fils naturel*.

20) His non-fiction works include *Lettre sur les aveugles* (which presented his research on how the blind learn), *Lettre sur les sourds et les muets* (on how the deaf learn), and *Pensees sur l'interpretation de la nature* (which foreshadowed future discoveries in biology and natural selection).

10) The *Encyclopedie ou Dictionnaire raisonne des sciences, des arts et des metiers*.

Ans: Denis Diderot

3. This is a tribute to our friend and colleague Robert Trent, who contributed about 30 much-needed bonuses to this tournament. This was not one of them. FTSNOP answer these questions about the Trent Affair.

1) Two Confederate commissioners were captured when the British frigate Trent was captured. 5 points each, name these two commissioners.

Answer: James Murray Mason & John Slidell

2) For 10 points, name the Union captain who captured the two.

Answer: Charles Wilkes

3) When the British government demanded the release of Slidell & Mason, the Union Secretary of State released them, claiming that Wilkes did not bring the Trent into Union waters, thereby violating freedom of the seas. For 10 points, name that Secretary of State, perhaps more famous for a purchase he made.

Answer: William Seward

4. Given an English opera, name its creator, 5-10-15.

A. The Beggar's Opera

answer: John Gay

B. Dido and Aeneas

answer: Henry Purcell; accept Nahum Tate, since he wrote the wretched libretto

C. Hugh the Drover and Riders to the Sea

answer: Ralph Vaughan Williams [prompt on Williams]

5. This is chemistry to die for. Identify these chemical terms FTP each.

A. This is a molecule that has partial positive and negative charges on opposite ends.

Answer: dipole

B. This is a type of diffusion of water and small molecules and ions, but not large ones, through a membrane

answer: dialysis

C. This is a property associated with the absence of unpaired electrons in a substance

answer: diamagnetism

6. Identify these people and works in the development of logical positivism FTP each.

A. This German thinker of symbolic logic published the influential The Basic Laws of Arithmetic, which some philosophers made some assumptions and contradictions

answer: Gothold Frege

B. After reading Frege, Bertrand Russell and Alfred North Whitehead compiled this 1910-13 tome that tried to structure science through logic.

Answer: Principia Mathematica

C. Logical positivism reached a zenith in this 1921 tract by Ludwig Wittgenstein

answer: Tractatus Logico-philosophicus

7. This is a test. FTSNOP identify these broadcast frequency bands. If this were a real science guy writing this, there would be some more useful detail. This is only a test.

(a) 5 pts.: 525 to 1700 kilohertz

Answer: AM or amplitude modulation

(b) 5 pts.: 88 to 108 megahertz

Answer: FM or frequency modulation

(c) 10 pts.: 470 to 890 megahertz

Answer: UHF or ultra high frequency

(d) 10 pts.: Brackets the FM band both above and below its extremes

Answer: VHF or very high frequency

8. 30-20-10, name this man.

30) Had Dewey in fact defeated Truman, this man would have been Vice-President.

20) Governor of California from 1943-53, he was appointed to the Supreme Court in that year. While on the court, his opinions upheld (in *Watkins v. United States*) the right of a witness to refuse to testify before a congressional committee, and held, (in *Reynolds v. Sims*) that representation in state legislatures must be apportioned equally on the basis of population.

10) Of course, his tenure as chief justice was marked by other decisions, such as *Brown v. Board of Education of Topeka*. He also served as the chairman of the committee that investigated the assassination of JFK.

Answer: Earl Warren

9. FTPE name these psychotic disorders:

(a) Some assert its variants, such as simple, hebephrenic, catatonic, and paranoid should be classified as separate disorders.

Answer: schizophrenia

(b) Usually of longstanding nature, this effective disorder is characterized by severe mood swings from elation to severe depression.

Answer: manic-depressive psychosis

(c) This is a class characterized by pronounced mood disorders which are the chief factor in the person's loss of

contact with his or her environment.

Answer: affective psychoses or disorders

10. None of them wore tight pants and had room keys thrown at them by older women in Vegas. Name these characters who influence the life of Henry Fielding's *Tom Jones* FTP each.

A. This man finds the infant Tom on his bed.

Answer: Squire Allworthy

B. This woman, the daughter of Squire Western, becomes his wife.

Answer: Sophia

C. This high-church divine teaches both Tom & Blifil that men are overwhelmed by original sin and depravity.

Answer: Roger Thwackum

11. Identify these Abstract expressionists FTP each.

A. Born in Armenia, he painted Golden Brown Painting in 1947.

Answer: Arshile Gorky

B. Born in Wyoming, he painted (or dripped) Blue Poles in 1953.

Answer: Jackson Pollock

C. Born in the Netherlands, he painted the series called Woman.

Answer: Willem de Kooning

12. The Prime Time Emmy Awards were given out on August 28, but the nominations hit the airwaves on July 22, so let the speculation, and the question-writing, begin!

a) First, for 5 points, what network led the way with 82 nominations?

Answer: NBC

b) Second, for 10 points, what HBO series garnered 16 nominations, most for any series?

Answer: The Sopranos

c) ABC's *The Practice* earned Best Supporting Actress in a drama series nominations for three different actresses. For 5 points each, name them.

Answer: Lara Flynn Boyle, Camryn Manheim, Holland Taylor

13. OK, so this tournament is being written by two librarians. Of course this was going to come up. For 5 points each, name the authors of each of the following books, listed by the Office of Intellectual Freedom as being among the 10 most frequently banned or challenged in 1999.

A) *Blubber* Answer: Judy Blume

B) *The Handmaid's Tale* Answer: Margaret Atwood

C) *The Chocolate War* Answer: Robert Cormier

E) *Of Mice and Men* Answer: John Steinbeck

For another 10 points, name the author of either of the two companion books from the same publisher, *Daddy's Roommate* and *Heather Has Two Mommies* Answer: either Michael Willhoite or Leslea Newman

14. In English, they were vintage, fog, sleet, snow, rain, wind, seed, blossom, pasture, harvest, heat, and fruit. For 5 points each, maximum of 30 (of course), give the French names for any 6 of the months of the Revolutionary calendar.

Answer: any 6 of Vendemiaire, Brumaire, Frimaire, Nivose, Pluviose, Ventose, Germinal, Floreale, Prairial, Messidor, Thermidor, or Fructidor.

15. For 5 pts. each or 30 for all 5, arrange these nerves as they appear in the human body from highest to lowest: coccygeal, brachial, tibial, maxillary, and sciatic.

Answer: **maxillary, brachial, coccygeal, sciatic, tibial**

16. Identify these Latin American masters of the sonnet form FTP each. HINT: each of them used a pseudonym.

A. Felix Sarmiento used this name when writing the "Golden Sonnets" found in Azul (1888), the first major work of "Modernismo."

answer: Ruben Dario

B. Lucila Alcayaga published Sonnets of Death and Desolation under this name.

Answer: Gabriela Mistral

C. Neftali Basualto used this name for the sonnets in Canto general and Twenty Love Poems and One Song of Despair, which was used in the film Il Postino.

Answer: Pablo Neruda

17. 30-20-10, name this man.

30) It's interesting that he was played onscreen by Jason Robards in 1980, since his middle name is Robard.

20) He inherited his father's machine tool company, and later expanded into aviation, designing his own aircraft, which broke several world air speed records between 1935-38.

10) However, his most famous plane, a wooden behemoth called the Spruce Goose, flew only one mile.

Answer: Howard Hughes

18. Identify these proper nouns noted during the recent retirement of South African President Nelson Mandela FTP each.

A. Mandela was succeeded as President by this man.

Answer: Thabo Mbeki

B. The stiffest challenge to the ANC remains this party associated with the Zulu people.

Answer: Inkhata Freedom Party

C. In retirement, Mandela can spend time with his new wife, who is the widow of the president of Mozambique. Name her.

Answer: Graça Machel

19. Heading to Mexico for Spring Break? Well, then, you ought to know which Mexican state you'll be in! Given your destination, name the state FTP each.

A. Cancun

answer: Quintana Roo

B. Acapulco

answer: Guerrero

C. Mazatlan

answer: Sinaloa

20. Everybody loves the Hertzsprung-Russell diagram, right? And I'm sure we're all familiar with the 7 spectral classes represented on it, right? That's what I thought. So, for five points each, name any 6 of the 7.

Answer: O,B,A,F,G,K,M