

TOSSUPS – PLAYOFFS CENTER OF THE KNOWN UNIVERSE OPEN/ROLLAPALOOZA 1999

1. Confined to a wheelchair since a 1990 auto wreck, he now serves on the faculty of Bard College and has declared himself exiled from his native land. His short stories are collected in *The Sacrificial Egg* and *Girls at War*, and he was nominated for a Booker prize for his 1987 novel *Anthills of the Savannah*. FTP name the Nigerian-born author who tells of Okonkwo and his life in Umuofia in *Things Fall Apart*.

Answer: Chinua Achebe

2. He was the biggest prize snagged during Project Paperclip. Since he'd been briefly jailed in 1944 for making defeatist remarks, he seemed more politically palatable than his use of skilled slave labor from Buchenwald should have made him. FTP name the author of *I Aim for the Stars*, whose work in rocket science ranged from the V-2 to the Apollo program.

Answer: Wernher von Braun

EDITOR'S NOTE: Mort Sahl suggested *I Aim for the Stars* should have been subtitled *But Sometimes I Hit London*.

3. The primary witness against him was Jim Conley, a black janitor described by one observer as "the most obscene and cold-blooded brute I ever knew." Conley confessed to writing two notes implicating the factory watchman, Newt Lee, but later changed his story to implicate this man instead. FTP name this Jewish manager lynched for the murder of Mary Phagan.

Answer: Leo Frank

4. This German civil engineer was born in Holstein in 1835. He entered the Polytechnic Institute of Hannover at age 16. Responsible for many bridges of note, he was also active publishing research papers until age 80. His first paper was published in 1860 and discussed beams, but the paper he is best remembered for today was published in 1882. For 10 points, who was this man whose "circle" describing stresses or strains at a point terrorizes engineering students to this day?

Answer: Christian Otto Mohr

5. One of the best passages in Edith Hamilton's *Mythology* reads, "Sometimes there are said to have been two... of that name. Certainly two men, Iasus and Schoenius, are each called the father... but then it often happens in old stories that different names are given to unimportant persons. If there were two, it is certainly remarkable that both wanted to sail on the Argo, both took part in the Calydonian boar hunt, both married a man who beat them in a foot race, and both were ultimately changed into lionesses." FTP name the heroine (or heroines?) described.

Answer: Atalanta

6. Some insects take advantage of it to move atop bodies of water. It results from unbalanced molecular action which distorts the customary spherical shape of individual droplets of liquids, and it is one of the forces causing water to rise in capillary tubes. FTP name the force that causes the uppermost part of a liquid to contract.

Answer: surface tension

7. This faction favored a continental war and a constitutional government. Members like J.M.R. De la Platiere and Jacques Brissot de Warville were shocked when the faction was betrayed by Charles Dumouriez. Members of this faction had approached Charlotte Corday to assassinate Marat. FTP, name this French Revolutionary group of moderate Republicans.

Answer: Girondist or Girondins

8. In 1750, he was contracted by the Drybutter publishers to write a novel. He needed the money, as he was in Newgate Debtor's Prison at the time. Since ribald tales sold best, he decided to write the "Memoirs of a Woman of Pleasure," whom he named Fanny Hill. FTP, name this British author.

Answer: John Cleland

9. This man simultaneously earned degrees in law from Harvard and Yale. He served in the Revolutionary War and also courted the daughter of Abigail and John Adams. He eventually became the Chief Justice of the state of Vermont. He is best known, however, for his role in defining American drama. FTP name the author of *The Contrast*.

Answer: Royall Tyler

10. 20th century advocates includes Nicholas Georgescu-Roegen, E. J. Mishan, Robert Heilbroner, and Kenneth Boulding, who proposed "an economics of spaceship earth." They propose it not only for the low-income, less developed 3rd world countries where its effects are more obvious, but also for developed nations whose lower birthrates still strain worldwide resource use. FTP name this goal for humanity prescribed by modern Malthusians.

Answer: zero population growth or ZPG; accept steady-state economy or no-growth society

11. The second movement is *Andante con moto* in A flat, a major key which gives it serenity; the third movement, the *Scherzo*, switches back to the somber C minor of the first movement. The upsurge of the finale features three instruments -- piccolo, trombone, and double bassoon -- making their first appearance in a symphony of the Classical Viennese school. FTP identify Opus 67 by Ludwig van Beethoven, characterized rhythmically by the "three shorts and a long" pattern of the first four notes.

Answer: Beethoven's Fifth Symphony

12. His large body of work ranges from large menacing shapes to tender, intimate forms. A native of Aberdeen, Washington, this abstract expressionist also produced lithographs, etchings, and collages. FTP name this artist, whose works include series such as *Je t'aime* and *Elegies to the Spanish Republic*.

Answer: Robert Motherwell

13. This book states that the only true philosophic question is that of suicide. It examines the absurdist nature of human existence through the figure of a Greek king condemned continuously to roll a stone up a mountain in Tartarus, only to have it roll down again. (You know, the guy from round 10.) FTP, name this tract by Albert Camus.

answer: The Myth of Sisyphus (Le Mythe du Sisiphe)

14. These long, fluted spearpoints were first found in the early 1900's by a cowboy near the New Mexico town for which they are named. In 1926, some were found intermingled with the bones of an extinct species of bison; this caused anthropologists to revise their estimates and conclude that people had migrated to North America by about 8,000 B.C. For 10 pts., name this significant type of prehistoric spearhead, which shares its name with where Johnny Cash said he went because he "shot a man in Reno just to watch him die."

Answer: Folsom points

15. He turns 35 in 1999. Since 1964, he has had his thumbnail on the wrong side of his thumb! This makes his form copyrightable, since as the granddaddy of action figures, he has made Hasbro millions. FTP, name this army guy.

Answer: **G.I. Joe**

16. After the assassination of the Roman emperor Pertinax in A.D. 193, the Praetorian Guard offered the throne to the highest bidder at an auction. This man outbid Sulpicianus for the honor, to the tune of 300 million sesterces. For this he reigned as emperor a whopping 66 days before his beheading by his successor, the aptly named Septimus Severus. F10P name this briefest of Roman emperors.

Answer: Marcus Didius Julianus

17. A native of Sandersville, GA, his given last name was Poole. He moved to Detroit for an auto plant job in 1923. In 1930 he met Wallace D. Fard (or Wali Farad), founder of the organization this man would head for 40 years after Fard's disappearance. FTP name this racial separatist, longtime principal leader of the Nation of Islam.

Answer: Elijah Muhammad

18. They are found in the order of fish called either Dipnoi or Sarcopterygii. Generally paired, in mammals they're typically separated from the thorax by the mediastinum and subdivided internally into bronchi, bronchioles, and alveoli. FTP name these sac-like organs of gaseous exchange.

Answer: lungs

19. It replaced the Wheeler-Schebler Trophy, which had been awarded annually, for some reason, to the person leading 80% of the way through; the winner got the L. Straus & Co. Trophy. But, Wheeler-Schebler Carburetor Company became the Marvel-Schebler Products Division of another company, and the new trophy was born. For 10 points, name this trophy, which depicts the 57 winners to date of the Indianapolis 500.

Answer: Borg-Warner Trophy

20. There are, in fact, three different title locations. The first is a converted girls school that the Berrys buy and open up for lodgers. The second is in Vienna, where Freud (not the psychiatrist) has invited them to stay and run a hotel. The third is in Maine, where they buy the Hotel Arbuthnot and re-name it. For 10 points, identify this title business of a 1981 John Irving novel.

Answer: The Hotel New Hampshire

21. He was the ship's surgeon aboard the Antelope, when the ship was wrecked off Van Diemen's Land. When he gets to shore, the natives think him an agent of Blefuscu. So, they tie him upon the very beach, although they are the small Lilliputians. FT, name this character created by Jonathan Swift.

Answer: Lemuel Gulliver

BONI – PLAYOFFSCENTER OF THE KNOWN UNIVERSE OPEN/ROLLAPALOOZA 1999

1. Identify the authors of these Roman classics containing comic genius FTP each.

A. Woman of Andros

answer: Terence (Publius Terentius Afer)

B. Satyricon

answer: Gaius Petronius Arbiter

C. Miles Gloriosus

answer: Titus Maccius Plautus

2. FTPE name these figures associated with the development of the steam engine:

(a) His engine was designed to pump water from mines but by mid-18th century was widely used in smelters, ironworks, and textile mills. It operated on atmospheric pressure alone and thus wasted about 99% of its fuel.

Answer: Thomas Newcomen

(b) Asked to repair a model of the Newcomen engine, he made a critical study of its workings and made several improvements. The first, the separate condenser which moved the steam away to cool, by itself saved 75% of the wasted fuel.

Answer: James Watt

(c) Watt learned his fundamentals from the lectures of this developer of the theory of latent heat. The lecturer never pitched for the Brooklyn Dodgers or came to take Anthony Hopkins to his eternal reward.

Answer: Joseph Black

3. 30-20-10, name this man.

30) Born in Waco, TX in 1945, his film debut came in the 1977 Academy Award nominated short *The Absent Minded Waiter*.

20) In 1968, he won an Emmy as a writer for *The Smothers Brothers Comedy Hour*. He won the New York Film Critics' Best Actor Award in 1984 for *All of Me*.

10) More recent films include *The Spanish Prisoner*, *Parenthood*, and *Roxanne*.

Answer: Steve Martin

4. Correctly identify the following pairs of similarly named Confederate figures, first and last names, for the stated number of points. (You must give the names in correct order to earn points.)

5 points each) Both were full Generals -- one set up the Kentucky line of defense, and fought Grant at Shiloh; the other commanded the Army of Northern Virginia, but was relieved of several commands, before surrendering the Army of Tennessee to Sherman.

Answer: Albert & Joseph Johnston

10 points each) Both were Lieutenant Generals -- one commanded units at second Bull Run, Antietam, Fredericksburg, and Chancellorsville, before dying at the siege of Petersburg; the other was given the job of defending Richmond before being given command of the Army of Tennessee, which he summarily lost, and didn't command again until Bentonville.

Answer: A.P. & D. H. Hill

5. For 10 points each, given a work, name its French composer. HINT: Charlie winnowed this one down from the six [READER: SAY IT EMPHATICALLY] works Ben first submitted...

A) the ballet *Les Biches*

Answer: Francis Poulenc

B) the opera *Christopher Columbus*

Answer: Darius Milhaud

C) the ballet *Semiramis*

Answer: Arthur Honegger

6. Man the ores! FTSNOP, given an important ore, name the metallic element for which it's a key source:

- a) 5 pts.: hematite Answer: iron
- b) 10 pts.: malachite Answer: copper
- c) 5 pts.: galena Answer: lead
- d) 10 pts.: cinnabar Answer: mercury

7. Sports, we are told, is a microcosm of society. So, when the racial unrest that was running rampant in the US during 1968 spilled over into the Mexico City Olympics, we probably shouldn't have been surprised. Answer these questions about those games.

A) First, for five points each, name the two American athletes who famously bowed their heads and raised black-gloved fists during the playing of the National Anthem.

Answer: Tommy Smith & John Carlos

B) For 10 points, what event had Smith just won?

Answer: 200 meter dash

C) For 10 points, name the sociologist credited with instilling the spirit of rebellion in the African-American athletes during the games. He's now a consultant with the 49ers, which is why you can usually see him roaming the sidelines of Niner games.

Answer: Harry Edwards

8. Name these Swedish monarchs FTP each.

A. Reigning from 1611-32, he was an able general, winning battles in the Thirty Years' War at Leipzig. He also helped defeat Wallenstein at Lutzen in 1632, although he died there.

Answer: Gustavus Adolphus or Gustav us II

B. Gustavus Adolphus was succeeded by this woman who abdicated and died in Vatican City.

Answer: Christina

C. He fought in the Great Northern War, defeating the Russians at Narva, but he was crushed at Poltava in 1709.

Answer: Charles XII

9. 30-20-10, name the family.

30) Mark was a noted poet and critic, whose pupils included Lionel Trilling and John Berryman, and who also won a Pulitzer for his Collected Poems 1922-1938.

20) Mark's brother Carl was the archetypal man of letters; he had edited the Nation, Century Magazine, and the Cambridge History of American Literature, as well as winning the 1938 Pulitzer Prize for his biography of Benjamin Franklin.

10) Carl's son, Charles, never won a Pulitzer, but he did win \$64,000, although he had to give it all back and got to be portrayed by Ralph Fiennes in the movie Quiz Show.

Ans: Van Doren

10. Identify the following eponymous terms from definitions lifted verbatim from the Dictionary of Genetics for the stated number of points.

5) The checkerboard method commonly used to determine the types of zygotes produced by a fusion of gametes from the parents.

Answer: Punnett square

10) The generalization that when one sex is absent, rare, or sterile, in the offspring of two different animal races or species, that sex is the heterogametic sex.

Answer: Haldane's Rule

15) A segment upstream from the start-point of prokaryotic structural genes to which the sigma subunit of the RNA polymerase binds.

Answer: Pribnow box

11. 30-20-10, name the author from a list of works.
30) Legends of Modernity, and the literary periodical Zagary
20) Hymn of the Pearl and Hymn of the Earth
10) The Captive Mind

Answer: Czeslaw Milosz

12. FTPE name the rock terms from definitions:

(a) hard. black volcanic glass used in prehistoric times to make cutting tools

Answer: obsidian

(b) Coarse-grained igneous rock that has solidified in cracks or cavities in existing rocks

Answer: intrusive rock or intrusion

(c) A variety of limestone named for the mountains in northern Italy where it's found

Answer: dolomite

13. Name the Carson McCullers works from descriptions FTSNOP:

a) 5 pts.: It uses the poignant story of the deaf-mute John Singer in a Georgia mill town to explore isolation.

Answer: The Heart Is a Lonely Hunter

b) 10 pts.: Tall, lonely Amelia Evans falls in love with her cousin Lymon, a malevolent dwarf. But Lymon falls in love with, and teams up with, Amelia's estranged ex-con husband.

Answer: The Ballad of the Sad Cafe

c) 15 pts.: The self-destructive misfits in this McCullers novel include the masochistic latent homosexual Capt. Penderton and his wife, who's having an affair with Major Langdon.

Answer: Reflections in a Golden Eye

14. 30-20-10, name the artist.

30) The Getty Museum recently published a book called "The Superhuman Crew", featuring one of his paintings (completed in 1888) accompanied by the lyrics to Bob Dylan's "Desolation Row."

20) Probably the most famous member of Les Vingt, his nightmarish paintings include "Masks (Intrigues)" (1890) and "Skeletons Fighting for the Body of a Hanged Man" (1891).

10) This is not his first multimedia appearance - he appears in the title of the 15th track on the They Might Be Giants album John Henry. The painting displayed in "The Superhuman Crew" is his 1889 masterpiece "Christ's Entry into Brussels".

Answer: James Ensor

15. If you're just starting college in the fall at UC-Berkeley, they recommend that you do some summer reading, including "Winnie the Pooh" by A. A. Milne. For the stated number of points, given other titles on their reading list, identify the respective authors.

a) 15 points) "Dead Certainties: (Unwarranted Speculations)"

Answer: Simon Schama

b) 10 points) "Into Thin Air"

Answer: Jon Krakauer

c) 5 points) "Contact"

Answer: Carl Sagan

16. So you think you're gonna get a clever lead-in? HAH! The tournament starts in 2 hours. So think of your own intro and FTPE give the chemistry terms from definitions:

a) This term refers to any mixture of liquids that cannot be separated by distillation.

Answer: azeotropic

b) The opposite of a catalyst, this class of substance slows down or stops a chemical reaction.

Answer: inhibitor

c) Heat absorbed or released by a substance undergoing a change of state

Answer: latent heat

17. FTPE name these items from the world of Islam:

a) Tall, slender tower of a mosque from which the faithful are summoned to prayer

Answer: minaret

b) The Islamic Sabbath, which falls on Friday

Answer: Juma

c) Killing animals in accordance with Muslim law, the Muslim counterpart to kashrut.

Answer: halal

18. Answer these questions about the first co-winner of the Nobel Peace Prize, 10 points each.

A) First, name this man, who inspired the foundation of the International Red Cross.

Answer: Henri Dunant

B) It was at this battle of the second War of Italian Independence, which saw nearly 30,000 killed and 10,000 missing or taken prisoner that inspired Dunant to form the International Red Cross.

Answer: Solferino

C) Dunant organized the 1864 Convention for the Amelioration of the Wounded in Time of War in what city, his hometown?

Answer: Geneva (hence, the Geneva Convention...)

19. Identify these two "second-tier" existentialists, 15 points each.

A) Usually regarded as the first French existentialist, he was also a dramatist, writing such works as *Le Palais de sable*, *Le Coeur des autres*, and *L'Iconoclaste*. He converted to Roman Catholicism in 1929 -- which represented his realization that he had to choose a particular form of faith, that there is no faith in general. Major works include *Being and Having*, *Creative Fidelity*, and *The Decline of Wisdom*.

Answer: Gabriel Marcel

B) Born in Oldenburg, Germany in 1883, he approached the subject of existentialism from man's direct concern with his own existence. His *Psychology of World Views* foreshadowed later work in legitimate boundaries of philosophical knowledge, clarifying the relationship of philosophy to science and the idea of being oneself signifying the potentiality to realize one's freedom of being in the world. Other works include *Man in the Modern*

Age.

Answer: Karl Jaspers

20. Identify these favourite Pakistani cities - none of which is the capital Islamabad - FTP each.

A. This city just south of Islamabad served as a temporary capital from 1959-70 and still serves as the headquarters of the Army.

answer: Rawalpindi

B. This city on the Ravi River near the border with India has a population of around 3 million. The Shalimar gardens and the Mausoleum of Emperor Jehangir of the Mogul Empire are within its bounds.

Answer: Lahore

C. This coastal city is the capital of Sind province. Though not on the Indus, it is Pakistan's chief port.

Answer: Karachi