

Carleton tossups  
Round 3 - 1999 Deep Bench

1. He inspected factories for the Hartford Fire Insurance Company until his death in 1941, but he is better known for his work in anthropological linguistics, especially his studies of the Aztecs and Mayans. For 10 points, name this revolutionary linguist, who formulated the hypothesis that the structure of a language influences a culture's behavior with his mentor, Edward Sapir.

Answer: Benjamin **Whorf**

\*2. This author's 1864 work features a narrator who delivers a brilliant attack on the belief that it is possible to design a utopian society based on the laws of society and human nature. In the second part, he recalls incidents from his past that show him behaving according to sheer spite. The author thus makes it clear that the man's irrationalist solution is no better than the rationalists' systems. FTP, name this author of Notes From the Underground, whose other works include Crime and Punishment and The Brothers Karamazov?

Answer: Fyodor **Dostoyevsky**

3. An electron will cause it to appear as a fuzzy ring on detectors. A muon creates a sharply defined ring. In 1937, I. M. Frank and Igor Tamm calculated the angle between a gamma ray's travel path and a particle's wave of energy after a collision, and the two men helped its discoverer construct a detector to observe it. FTP, name this effect created when a high-energy neutrino collides with an atomic nucleus, which appears as a flash of blue light.

Answer: **Cherenkov Effect** or **Cherenkov Light**

4. She never appears in public without her famous ruby necklace, "The Moon of Moldavia." Lady Agatha Wayland, Nick Brunch, Dazzle Annie Nonker, and Fast Eddie B. are some of the employees of this head of the Villain's International Legion of Evil. For 10 points, name this often-missing star of a series of children's detective computer games.

Answer: **Carmen Sandiego**

5. It is said to have been founded by Ptolemy Soter around 283 B.C. Augmented by the addition of the collection founded by Eumenes, King of Pergamus, which Marc Antony presented to Cleopatra, it was partially destroyed by Julius Caesar. For 10 points, name the legendary source of the 700,000 papyrus rolls used to heat 4000 Arabian baths for sixth months in A.D. 642, the greatest ancient repository of knowledge.

Answer: **Library at Alexandria** (accept equivalents)

6. After graduating from National American University in this location, a couple could proceed to become one of the 1,200 couples married in the Chapel of Love since 1992. On the honeymoon they could visit the 1.2 million gallon aquarium at UnderWater World. Later, the kids could enjoy Legoland and Camp Snoopy, while the entire family could shop at the more than 500 stores. For 10 points—what is this center of capitalism, the largest indoor shopping center in the United States?

Answer: **Mall of America**

7. It has recently been edited down to fewer pages and covered in more durable material. The latest edition includes methods of dealing with problems never envisioned by its original creators, such as sexual harassment and pornography on the Internet. Past covers were painted by Norman Rockwell. For 10 points, name the book which teaches young boys to be prepared.

answer: **Boy Scout Handbook** (prompt on handbook)

8. The first woman athlete to earn \$100,000 in one year, she cofounded the magazine "Womansport" as well as the Women's Tennis Association. She won the singles, doubles, and mixed titles at both the U.S. Open and Wimbledon in 1967, logging three of her 20 total Wimbledon championships. For 10 points, name the tennis player who defeated Bobby Riggs in "the Battle of the Sexes" in 1973.

answer: Billie Jean (Moffitt) **King**

9. The Statue of Liberty's fifteen thousand joints have been coated with this substance accidentally discovered by Dr. Roy Plunkett in 1938. Plunkett had been trying to create a supercoolant for refrigerators and air conditioners when he stumbled on this fluorocarbon polymer. For 10 points, name the chemical which can describe smooth politicians as well as nonstick pans.

answer: **Teflon** (accept polytetrafluoroethylene)

10. One summer evening in a subway car, Lulu, an attractive white woman, talks seductively to Clay, a young black man sitting next to her. Soon Clay confesses that black people must mask their true feelings, which are murderously antiwhite, in order to survive. Lulu stabs Clay to death and orders the other passengers to throw the body off the train; another black man gets on at the next stop. For 10 points – this is the plot of what one-act play by Amiri Baraka, which takes its name from a legendary ship doomed to sail forever.

Answer: **Dutchman** (accept Leroi **Jones**)

11. Trent Lott has expressed concerns that this region will fall under the influence of China after Hutchison Whampoa, a Hong Kong-based firm, outbid American-owned Bechtel for rights to operate two strategic ports. While Lott's concerns are generally considered overblown, U. S. power will certainly diminish after the American military bases are closed and, at noon on December 31, this region returns to the country that surrounds it. FTP, name this Central American waterway.

Answer: **Panama Canal**

12. Linearly speaking, it appears in conjunction with rotation to describe a linear transformation which rotates a vector and changes the length. In a relativistic sense, when modified by the word "time" it describes how lengths of time can change between reference frames. For 10 points, give the single word which, in medical terms, is the expansion of the pupils.

answer: **dilation**

13. He collaborated with Serge Koussevitzky and the Boston Symphony Orchestra for the first time on "Music for the Theater." During this period, he wrote the film scores for "Of Mice and Men," and "Our Town" as well as a Piano Sonata and "A Lincoln Portrait." In 1938 the BSO commissioned a ballet, whose section titles include "The Open Prairie," "Street in a Frontier Town," and "Gun Battle." For 10 points—name this composer of "Billy the Kid."

Answer: Aaron **Copland**

14. Founded in October 1966, J. Edgar Hoover once referred to this organization as the "greatest threat to the internal security of the United States." Its symbol had previously been used by the Lowndes County Freedom Organization in its fight for voting rights. With over 2000 members at its height, its long time chief of staff was David Hilliard, and its chairman was Bobby Seale. For 10 points, name this activist group founded by Huey Newton.

Answer: The **Black Panthers**

15. Born in Florence, he was exiled to Siena at age sixteen for his fiery temper. In 1540, he modeled bronze reliefs for the Nymph of Fontainebleau, but quarreled with the mistress of Francis I of France and was forced to return to Florence, where he worked under the patronage of Cosimo di Medici. For 10 points, name this goldsmith, autobiographer, and Renaissance bad boy, sculptor of the bronze masterpiece "Perseus and Medusa" and a gold saltcellar featuring Neptune.

Answer: Benvenuto **Cellini**

16. As a lawyer, he gave free legal advice to those prosecuted under the Fugitive Slave Act and helped found the Free Soil Party, but he is now better known as a writer. He got his degree from Harvard, after which he spent two years sailing around Cape Horn to California; the novel based on his experience was used to secure justice for sailors. For 10 points, name this author of "Two Years Before the Mast."

Answer: Richard Henry **Dana**

17. Originally nicknamed the Blues, they changed their nickname to the Broncos and Naps. In 1921 their uniforms simply read "World's Champions." For 10 points—name the team whose early players included Addie Joss, a Native American named Louis Sockalexis, Nap Lajoie (luh-ZHWAH), and Joe Jackson and which hasn't won a World Series since 1948.

Answer: **Cleveland Indians** (accept either part)

18. A former Hitler youth, after World War II, this man was made to work on a Polish farm. Freed by Americans, he joined the Christian Democratic Union and became president of the Rhineland-Palatinate (puh-lat-in-ate). Focused on the West, he supported the deployment of American Pershing missiles in 1982, which he later claimed aided German reunification. For 10 points—name this longest-serving German leader since Kaiser Wilhelm, who lost the chancellorship to Gerhard Schröder in 1998.

Answer: Helmut **Kohl**

19. In this series, the  $n$ th number as  $n$  goes to infinity approximates the  $n$ th power of the ratio between the  $n$ th number and the  $n$ th minus one number. The ratio is approximately equal to 1.618, or one plus the square root of five, quantity divided by two. For 10 points—what is this series, in which the  $n$ th number is the sum of the  $n$  minus one and  $n$  minus two numbers?

Answer: **Fibonacci** series

20. Launcelot, Gratiano, Nerissa and Jessica are a few of the minor characters in this play. Bassanio wants to wed the mistress of Belmont, but must borrow money from an old friend to do so. Portia speaks a speech beginning "The quality of mercy is not strained" in order to save the title character's pound of flesh. For 10 points, identify the Shakespearean play whose title refers to the trader Antonio, not the moneylender Shylock.

Answer: **The Merchant of Venice**

21. From the Aramaic meaning "holy," this type of prayer glorifies God and asks for him to quickly establish his kingdom on Earth. In early days, it was only recited at the end of rabbinical scriptural exposition. Today, a half one is recited at the end of the Sabbath-Torah reading in a synagogue, while a longer form is recited after study of the Talmud. For 10 points, name this prayer, which most often forms part of a Jewish funeral service.

Answer: **Kaddish**

22. This political aristocrat was called "Magnus Apollo" by his rivals. Under the patronage of his protege Daniel D. Tompkins, he was mayor of New York for 10 years, but his loss in the 1812 presidential election reduced his popularity until he won the state governorship in 1817. For 10 points, what politician insured the economic triumph of New York through his development of the Erie Canal?

Answer: DeWitt **Clinton**

23. It came under a succession of invaders and foreign rules, including central Asian tribes, the Mongols, Lithuania, the Ottoman Empire, Poland and finally Russia. A nationalist and cultural revival in the 19th century led to independence after World War I, but it was soon invaded by Russian troops and annexed by the Soviet Union in 1922. For 10 points, name the former Soviet republic, home to a traditionally large Jewish population as well as the "Little Russians," which has its capital at Kiev.

Answer: **Ukraine**

**If you have heard the audio tossup, stop. If you have not, read #24.**

24. Its call has been likened to that of the Limpkin, and one appeared near the end of "Darby o' Gill and the Little People." Etymologically speaking, it comes from the Gaelic Irish for "woman fairy." For 10 points, name the Irish female ghost known for its horrific caterwauling heard by those in a household soon to experience death.

Answer: **banshee**