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BERKELEY QUESTIONS by Dave Dixon (2), 09\08\95

1. In July 1995, a team of scholars announced that they had finally translated the Tabula Capuana, a terracotta tablet dating from about 470 BC. The tablet-- an annotated religious calendar-- revealed that these people followed a ten-month year, just as the Romans did at that time, and that they were even more land-hungry than previously believed, invading coastal regions west of Naples. For ten points, name this mysterious group of people which ruled Italy before the Romans.

\ETRUSCANS\

2. During a single year, 1913, she was arrested, released when she fell ill, and re-arrested when she recovered, a total of twelve times. With her daughter Christabel, she spearheaded a militant campaign which included hunger strikes and arson, and died just a few weeks after the Representation of the People Act was passed in 1928. For ten points name this leader of the English suffrage movement.

\EmmelinePANKHURST\

3. In 1995 scientist Leonard Adelman reported his use of DNA as a computational tool, applying it to solve a classic mathematical problem whose solution has applications in integrated circuit design and communications. For ten points, what's this problem which attempts to find the shortest path through a set of points, such as cities on a map?

\TRAVELING SALESMAN problem\

4. He went insane at the age of nine, killing four people, three of whom were in hibernation and one who was sent hurtling into space. He almost killed a fifth, but his brain was disconnected before he could do any more damage. For ten points name this entity, born in Illinois in 1992, and antagonist of Arthur C. Clarke's 2001: A Space Odyssey.

\HAL 9000\

5. Founder George Maciunas described it as "the fusion of Spike Jones, vaudeville, gag, children's games and Duchamp," the latter element being appropriate considering that this group shared the same anti-art sentiments as the Dadaists had 40 years previously, giving performances which included smashing violins, making giant salads and taping beans to piano keys. For ten points name this group, formed in the early 1960's, whose members included Nam June Paik, La Monte Young and Yoko Ono.

\FLUXUS\

6. He declined a medal from Boris Yeltsin as a protest against Russian army behavior in Chechnya, keeping with the political activism he asserts in his recent turn to prose, Don't Die Until You're Dead. For ten points name this Russian poet who regularly attracts stadium-sized audiences for his poetry readings, such as his works "Babi Yar" and "Zima Junction."

\Yevgeny YEVTUSHENKO\

7. Shocks were felt as far east as Savannah and New York City, the Mississippi River developed six-foot waterfalls where none had been before, and remarkably only a few dozen people died as a result of the massive 1812 earthquake, measuring 8.7 on the Richter Scale, at-- for ten points-- what faultline named after a small Missouri town?

\NEWMADRID fault\

8. A purplish-black fungus of the genus *Claviceps*, it contains alkaloids whose derivatives have been used to treat hypertension and migraines, although the alkaloids themselves are poisonous and can cause gangrene, St. Vitus' Dance, and hallucinations. For ten points name this grain mold which may have been the cause of the visions seen during the Salem witch scares of 1691, as one of its derivatives is LSD.

\ERGOT\

9. Named for a Portuguese word meaning a person of European descent born and brought up in a colony, this is a type of language which begins as a pidgin, but after a couple of generations becomes consolidated and widespread. For ten points, name this type of language, most often associated in the US with the bayous of Louisiana.

\CREOLE\

10. One day in 1941, Swiss engineer George de Mestral was walking through the mountains, he tried to remove the cockleburs that had fastened themselves to his wool pants and was amazed at how strongly they were attached. After taking one home and looking at its thousands of tiny hooks under a microscope, he went on to create-- for ten points-- what fastening material, a combination of the words "velour" and "crochet"?

\VELCRO\

11. This 1958 book's title sounds like a sequel, and in a way it is; although the original book was fiction, this book consists of a series of essays related to the issues brought about in the original, and whose chapters include, "Over-Population," "Brainwashing," "Propaganda Under a Dictatorship," and "Hypnopaedia." For ten points name this book, a follow-up to a classic dystopian novel by Aldous Huxley.

\BRAVE NEW WORLD REVISITED\

12. For a while around 1945, this composer was something of a fad. Actor Cornel Wilde played him in the popular biopic *A Song To Remember*, and his melodies were put to words to create the hit songs, "I'm Always Chasing Rainbows," and "Till The End Of Time." For ten points name this tubercular pianist who also inspired a musical called *Polonaise*.

\Frederic CHOPIN\

13. He was finally buried alongside his greyhounds, as were his wishes, at Sans Souci in Potsdam-- 205 years after his death. Along the way he and his father, who he hated, hung out in Goering's bunker, spent a few weeks in a Thuringian salt mine, were seized by the Americans and buried in Marburg, moved by Prince Louis Ferdinand to Hechingen, and after the Berlin Wall fell, was finally interred with his dogs, but not with his dad, Frederick William II. For ten points, name this darn good king of Prussia.

\FREDERICK THE GREAT or FREDERICK II\

14. Widely practiced during Shakespeare's time, its practice almost became extinct until ethnomusicologist Cecil Sharp revived it in the early 20th century. Although individual styles vary today, the standard lineup is one musician playing a squeezebox or fiddle, and six dancers with bells on their legs and waving hankies in the air. For ten points name this type of dance, probably based on English pagan agrarian rituals.

\MORRIS dance\

15. Physicist Paul Dirac showed that if these particles exist, then electric charge must be quantized. The converse is not necessarily true, however, and so far they haven't been detected. For ten points name this hypothetical particle which, if found, would mean that the divergence of the magnetic field is not always zero.

\MAGNETIC MONOPOLE\

16. When he committed suicide at the age of 78 in 1932, he left behind a note which read, "My work is done. Why wait." For ten points name this man who, forty years earlier, developed a camera in which the emulsions were put on film rolls rather than cumbersome glass plates, creating a profitable company now based in Rochester, NY.

\George EASTMAN\

17. Lest you think she's fallen off the face of the earth, in summer 1995 she published the book The Puppy Sister, and since her heyday in the early 1980's has also written Big David, Little David and Taming the Star Runner. For ten points, name the author who, while still in her early 20's, had numerous bestsellers about down-and-out teenagers, such as Tex, Rumble Fish and The Outsiders.

\S. E. HINTON\

18. Milton Berle claimed that he had an affair with this person in 1930, four years after her widely publicized three-day "disappearance," and described her as a worldly person who liked to make love in front of a home-made altar. For ten points name this woman who created the first religious radio station, KFSG, the FSG standing for "Foursquare Gospel".

\Aimee Semple MCPHERSON\

19. Suppose that OJ Simpson is found guilty and his attorneys appeal to a higher court on the basis that the original trial was unfair. In order to check this, the higher court would require a transcript of the trial, and thus would issue-- for ten points-- what type of writ, Latin for "we wish to be informed"?

\writ of CERTORIARI\

20. Begun by CEO Doug Carlston and his brother hence the company's name. in 1984, it began as just another software company, mainly making games like "Drol" and "Choplifter," but now it's the leading educational software manufacturer in the world, thanks to a woman who sneaks around the world from Kiev to Carolina. For ten points name this software giant, Norwegian for "brotherhood", that's released mega-seller "Myst" as well as the Carmen Sandiego series.

\BRODERBUND\