

KFBIFOEJSITAAPGUMVKN

BERKELEY QUESTIONS by David M. Levinson (12)

1. Thought by some astronomers to lie in orbit between Pluto and Alpha Centauri, this controversial object is thus far undetected. FTP What is this companion to the sun which may be in an orbit taking 30 million years to complete?  
\NEMESIS, the Death Star\
2. "Gather ye rosebuds while ye may, Old Time is still a-flying, And this same flower that smiles today, Tomorrow will be dying. FTP These are the first lines of what poem by Robert Herrick?  
\TO THE VIRGINS, To Make Much of Time\
3. He joined Thomas Masaryk in working for Czech independence following World War I, and succeeded Masaryk as President in 1935. There he was forced to accept the Munich agreement, after Germany's seizure of the Sudetenland, he resigned, forming a government in exile. He briefly re-emerged after the war until the communist coup by Klement Gottwald, after which he died. FTP Identify this Czech nationalist?  
\Eduard BENES (1884-1948)\
4. A good Frenchman, he was concerned with preventing the spoilage of food, which he showed to occur when microorganisms enter them from the air, multiply, and produce waste. FTP What bacteriologist is most closely associated with the Germ Theory of disease?  
\Louis PASTEUR\
5. This British poet was a well known architectural critic, writing "Ghastly Good Taste" in 1933 and "First and Last Loves" in 1952. But his poetry, collected in "Mount Zion", "Continual Dew", "A Little Book of Bourgeois Verse", and "New Bats in Old Belfries" helped him become poet laureate in 1971. FTP Name this wistful poet?  
\Sir John BETJEMAN\
6. He graduated from the University of Vienna in 1895 with a medical degree and in 1902 joined the famous Vienna psychoanalytic discussion group. His works include "The Neurotic Constitution" (1912) which stresses teleologic basis for neurosis in contrast to Freud's infantile preoccupation with sexuality. FTP Who is this author of "Understanding Human Nature" (1927) who coined the term "inferiority complex"?  
\Alfred ADLER (1870-1937)\
7. Told from the perspective of political aide Jack Burden, it tells both his story and that of a profligate Louisiana Governor, the fictionalized Huey Long. FTP What is this 1947 Pulitzer winning book and 1949 Academy Award winning movie written by Robert Penn Warren?  
\ALL THE KING'S MEN\
8. They consist of two layers of a semiconductor, usually silicon. When light falls on them, it frees electrons and creates an electric current between the layers. FTP What are these objects, the most efficient of which convert 12% of the sun's rays into power?  
\SOLAR Cells or PHOTOVOLTAIC Cells or equivalent\

9. He was already drawing by the time he spoke his first word, the Spanish for pencil. The son of a painter, he became one too, and saved every scrap of paper and notebook from the age of nine until his death in 1967. One of his most famous works, originally titled "The Wages of Sin", was perhaps his most creative breakthrough. A large portrait of five prostitutes, whose bodies were flat and without form suggest a struggle between the soft human flesh and harsh forms and angles. FTP Who is this painter of "Les demoiselles d'Avignon"?

\Pablo PICASSO\

10. Modern taxonomy divides living organisms into five kingdoms. FTP Which kingdom contains bacteria and related forms?

\MONERA\

11. "Reelin and Rockin," "My Ding-A-Ling," "No Particular Place to Go," "Johny B. Goode," "Sweet Little Sixteen," "Rock 'n' Roll Music," "School Days," and of course "Maybelline" were FTP performed by what rock and roll artist?

\Chuck BERRY (1926-)\

12. In 1971, east of Buffalo, 1,000 prisoners rioted, seizing 30 guards and ultimately 9 guards died in the storming of the prison by state police. FTP What is this riot signifying the poor quality of American prisons?

\ATTICA\

13. Established at Punte del Este, Uruguay in August 1961, it was embodied in a treaty signed by 19 American nations. The initial aim was a 2.5% annual increase in per capita income in Latin America, a goal that fell far short by the programs disbandonment in 1974. FTP What is the Latin American aid program?

\ALLIANCE FOR PROGRESS (not Good Neighbor Policy)\

14. He founded Pacific Aero Products Co. in Seattle in 1916. In 1929, the company took the founders name. In 1934, he was awarded the Guggenheim Prize. FTP Identify the founder of the world's largest aircraft manufacturer?

\William Edward BOEING (1881-1956)\

15. A master of maze-like plots and imaginative paradoxes, this South American writer was born in Buenos Aires in 1899. His best known works include "Ficciones", "The Aleph and Other Stories", and "Other Inquisitions". FTP Identify this Argentine writer sometimes associated with or seen as a precursor to the magic realism style.

\Jorge Luis BORGES (1899-1986)\

16. Though not the first, he argued that the world was spherical, as the phases of the moon were always rounded, and this must be due to eclipse. Living from 384-322 BC, his science dominated western thinking for almost two centuries - though that part about the spherical earth was forgotten for a while. FTP Identify this famous Greek philosopher?

\ARISTOTLE\

17. Living in the 6th and 7th centuries, he authored an influential encyclopedia. He placed Paradise in far-eastern Asia, but this was closed off by a sword like flame - just as Genesis said.. FTP Who is this geographer from Seville?

\ISIDORE of Seville\

18. With the aid of her cousin Mordecai, this Jewish woman and Queen of Persia stops a plot to massacre the Jews. FTP Identify this woman whose heroism is celebrated in the Jewish feast of Purim?

\ESTHER\

19. At the age of 19, while traveling to Cambridge on a ship, he realized that ordinary matter could not stand the pressure inside the center of an old massive star. The matter must collapse, leading to the later notion of black holes. After Cambridge, he went to Chicago, where he grew to edit the Astrophysical Journal. FTP Who is this recently deceased winner of the 1983 Nobel Prize in physics?

\Subrahmanyan CHANDRASEKHAR\

20. This hominid lived from between 4.2 and 3.9 million years ago, according to their discoverers, a team under Mary Leakey and Alan Walker. Twenty-one of their fossils have been found to date at Lake Turkana, Kenya. FTP What is this newly named species, possibly the predecessor to *Australopithecus Aferensis*, or Lucy?

\Australopithecus (A.) ANAMENSIS\