

AIVKALFITJNEMFKDRGES

BERKELEY QUESTIONS by David M. Levinson (1)

1. Jefferson's classification scheme for this collection separated the objects into Memory, Reason, and Imagination. After the War of 1812, and the dastardly British invasion of Washington, it was donated to the Federal Government. Since then, classification has become somewhat more detailed. FTP Identify this collection of books, now the largest in the world.

\The LIBRARY of CONGRESS\

2. Hemophilia and color blindness are associated with it, and because females have two, they are less likely to be subject to its variations. FTP Identify this sex chromosome occurring singly in males?

\X Chromosome\

3. A great-grandmother of King David, she was not an Israelite. Upon the death of her Jewish husband she went with her mother-in-law Naomi to Israel, where she married Boaz. FTP Who is this woman whose story is told in the book of the same name in the bible?

\RUTH\

4. These short-lived massive bosons are produced by slamming together electrons and positrons. FTP What is this subatomic particle that carries the weak nuclear force?

\Z Particle or Z nought\

5. A young reporter in Dallas at the time of the Kennedy assassination, apparently but unknowingly he bumped into Lee Harvey Oswald leaving the book depository. A consummate anchor, he has served with the CBC, BBC, NBC, and most recently PBS. FTP Identify this author on the English language and PBS newshour anchor who is departing this year (1995).

\Robert MACNEIL\

6. He contributed to the development of probability of theory, helped establish the metric system, set up the first mathematical theory of tides, and originated the first mathematical theory for the fumulations of the universe. FTP Identify this French mathematician and astronomer who established that the universe is basically stable.

\Pierre-Simon De LAPLACE (1749-1827)\

7. Two answers required: "Beauty is truth, truth beauty -- that is all/ Ye know on earth and all ye need to know" are FTP from what poem by whom?

\ODE ON A GRECIAN URN by John KEATS\

8. It can be defined as the maintenance of equilibrium within an internal environment. Controlling factors include temperature, osmosis, and maintenance of chemical balance. FTP identify this mechanism of self-regulation by living or mechanical systems to a constant norm.

\HOMEOSTASIS\

9. The title character is an Ethiopian princess who loves the Egyptian Rhadames. He reveals military secrets to her and is condemned to death. She flees, but rejoins him. FTP What is this Giuseppe Verdi opera?

\AIDA\

10. Joining diamonds and graphite as the third form of carbons, they were discovered in the 1980's. FTP What are these symmetric molecules of carbon-60 resembling a geodesic dome?

\BUCKYBALLS or Buckminster FULLERINES\

11. Short, squat bipeds, the males averaged five feet tall. Living from 130,000 until to 35,000 years ago, they walked erect, made tools, and lived in social groups. FTP Identify these pre-human homo sapiens found across Europe, Asia, and Africa?

\NEANDERTHAL Man\

12. "By the shores of Gitchee Gumee/By the Shining Big-Sea-Water/ Stood the wigwam of Nokomis" FTP So begins what poem by Henry Wadsworth Longfellow?

\The SONG OF HIAWATHA\

13. It was heard 3,000 miles away and ejected 50 million metric tons of ash into the atmosphere. Located on an island between Java and Sumatra in the south China Sea, FTP Identify this volcano which erupted in August 1883?

\KRAKATOA\

14. His earliest prose works were published posthumously in 1955 as "Adventures in the Skin Trade". Better known for his poetry and radio plays, FTP who wrote "Do not go gentle into that good night" and "Under Milkwood"?

\Dylan THOMAS\

15. The apparent acceleration of a body in motion with respect to the Earth, as seen by an observer on Earth, this effect is a result of the earth's rotation. FTP what effect causes air masses to twist apparently clockwise in the northern hemisphere and counter-clockwise in the southern hemisphere?

\CORIOLIS Effect\

16. Before beginning his conquests, he slashed the Gordian knot, at the end he wept because there were no more worlds to conquer. FTP Who is this conquerer of fourth century Greece who was tutored by Aristotle?

\ALEXANDER the Great\

17. From the Latin for "I forbid", when an executive writes this over a bill, it is sent back to the legislature. FTP What is this term, and power given to the president?

\VETO\

18. Jean Baptiste Poquelin was a French playwright of the 17th century. FTP What is the better known name of this author of The Misanthrope and Tartuffe?

\MOLIERE\

19. The title of this book refers to a pejorative term for American's traveling abroad. FTP What is this book by Eugene Burdick and William Lederer?

\The UGLY AMERICAN\

20. A late style of Baroque art, architecture, and interior design, it originated in France in the early 1700's. FTP What is this movement associated with Boucher and Fragonard?

\ROCOCO\