

12. FTP each, identify these particles.

(10) It is the only electrically-neutral lepton.

Answer: **neutrinos**

(10) Protons and neutrons are both a member of this class of particles.

Answer: **baryons**

(10) The heaviest lepton, like electrons they have an electric charge of -1.

Answer: **tau particles**

13. Answer the following questions related to a religion, 5-10-15.

(5) For five points, identify the religion whose founder taught that the religions a series of Messengers including Moses, Buddha, Krishna, and himself were successive stages in the spiritual development of the world civilization.

Answer: **Baha'i**

(10) For another ten points, identify the founder of Baha'i.

Answer: **Baha'u'llah**

(15) For fifteen points, identify the supreme legislative organ of the Bahá'í administrative order, instituted by Baha'u'llah whose seat is on Mount Carmel in Haifa, Israel.

Answer: **the Universal House of Justice**

14. For the stated number of points, answer these questions about the current Microsoft antitrust trial.

(5) For five points, who is the Judge in this case?

Answer: **Thomas Penfield Jackson**

(10) For ten points, name the MIT economics professor who expressed fears that "We're going to live in a Microsoft world."

Answer: **Franklin M. Fisher**

(10) For 10 points, all or nothing, name the three companies involved in a November deal which some claimed could hurt the government's case against Microsoft.

Answer: **AOL or America Online, Sun Microsystems, and Netscape**

(5) For a final five points, name the Sun Microsystems employee, inventor of Java, who was grilled by Microsoft's attorneys about the soundness of that language.

Answer: **James Gosling**

15. FTP each answer these questions about Joseph McCarthy.

(10) McCarthy beat this popular sitting senator in a 1946 Republican primary and then went on to win the seat.

Answer: **Robert LaFollette Jr.**

(10) Which Cabinet-Level Department did McCarthy originally claim was infested with Communists?

Answer: **Department of State**

(10) Who famously shamed McCarthy in 1954 asking him "Have you no sense of decency, sir, at long last?"

Answer: **Joseph N. Welch**

16. Given the works of fiction from 19th-century American authors, name the authors for ten points each.

(10) "Redburn" and "Typee"

Answer: **Herman Melville**

(10) "The Birthmark" and "Rappacini's Daughter"

Answer: **Nathaniel Hawthorne**

(10) "Hop-frog" and "The Balloon-Hoax"

Answer: **Edgar Allan Poe**

17. 30-20-10 name the composer from works.

(10) "Roaratorio: An Irish Circus on Finnegans Wake" for speaker, Irish musicians, and 62-track tape.

(10) "Sonatas and Interludes for Prepared Piano," "Music for Amplified Toy Pianos"

(10) "4 minutes, 33 seconds"

Answer: **John Cage**

18. Given the definitions from the field of anthropology, give the terms for ten points each.

(10) Portable objects whose form is modified or wholly created by human activity.

Answer: **artifacts**

(10) Nonportable human-made objects that cannot be removed from their place of discovery without altering or destroying their original form.

Answer: **features**

(10) Nonartifactual natural remains that nonetheless have cultural relevance.

Answer: **ecofacts**

19. 30-20-10 name the scientist from clues.

(30) Born in 1797, he was knighted and eventually was made a baron. He developed a method for classifying strata, or layers, by studying ancient marine beds in Western Europe.

(20) The names he proposed for three epochs—Eocene, Miocene, and Pliocene—are still used today.

(10) Building on the work of James Hutton, he developed the theory of uniformitarianism.

Answer: **Charles Lyell**

20. For five points each with a bonus five for all correct, given a recent Billboard Hot 100 single name the performer.

(5) "Have You Ever?"

Answer: **Brandy**

(5) "This Kiss"

Answer: **Faith Hill**

(5) "Save Tonight"

Answer: **Eagle-Eye Cherry**

(5) "The Power of Good-Bye"

Answer: **Madonna**

(5) "Iris"

Answer: **Goo Goo Dolls**

21. Answer these questions about people involved in events surrounding the Salem witch trials FTP each.

(10) This home of this controversial minister was a focal point for the beginning of the crisis. His daughter and her cousin were among the first "afflicted" and one of his slaves, Tituba, was hung as a witch.

Answer: **Samuel Parris**

(10) This man arrived from England in 1692 as Governor and set up a special court to try the accused.

Answer: **William Phips**

(10) This 80-year-old man was crushed to death under heavy stones.

Answer: **Giles Corey**

22. For five points each, with a bonus five for all correct, name the five nations which border Laos.

Answer: **China, Burma, Thailand, Cambodia, and Vietnam**

23. For five points each and a five point bonus for all correct, order the initial release/adoption of these programming languages from earliest to most recent: Perl, BASIC, Ada, FORTRAN, C.

Answer: **FORTRAN (1957),
BASIC (1964),
C (1972),
Ada (1980),
Perl (1988)**

24. Robin Yount, George Brett, and Nolan Ryan were all elected to the Baseball Hall of Fame in 1999.

(5) For five points each name the highest three vote-getters this year that did not receive enough votes for induction. One was a member of Cincinnati's Big Red Machine and the other two were catchers.

Answer: **Tony Perez, Carlton Fisk, and Gary Carter**

(5) For another five points for one or fifteen for both, name the two players who were in their fifteenth and final year on the Hall of Fame ballot.

Answer: **Mickey Lolich and Minnie Minoso**

25. Name the historical decade, 30-20-10.

(30) The Fourth Lateran Council was held; The Mongol Army of Genghis Kahn seized Peking

(20) The so-called "Children's Crusade" occurred.

(10) The Magna Carta was signed, then declared void by Pope Innocent III.

Answer: **The 1210s**

25. Given a definition from aquatic ecology, name the term for ten points each.

(10) Term meaning "freely floating" that applies to organisms that float on or near the surface of the water

Answer: **plankton**

(10) Term meaning "strongly swimming" that applies to organisms that can swim through water on their own

Answer: **nekton**

(10) Term referring to organisms that live on the bottom of waters or within the sediments

Answer: **benthos (accept benthic)**

26. Given an author, give the country in which they were born, FTP each.

(10) Isak Dinesen (AKA Karen Blixen)

Answer: **Denmark**

(10) Chinua Achebe

Answer: **Nigeria**

(10) H.H. Munro

Answer: **Burma**