

BERKELEY QUESTIONS by Matt Baker (3), ______\95

1. Peyton Farquhar, a well-to-do Alabama planter, is about to be hanged for interfering with the rebuilding of a northern railroad. He imagines escaping at the last minute, swimming vigorously, dodging bullets, and finally reaching his beautiful wife in safety. His dream is snuffed out, however, when his neck is instantly broken by the force of the rope. FTP, this is a plot summary of what 1891 short story by Ambrose Bierce?
\AN OCCURRENCE AT OWL CREEK BRIDGE\

2. His skull was said to be unusually large, and was thus of great interest to phrenologists of the day. After his death in 1809, his body was secretly disinterred and the skull removed for study; its absence was not discovered until 1820 when the composer's remains were transferred from Vienna to his home town of Rohrau. FTP, name this influential musician, who at age 29 accepted an offer of employment from Prince Paul Anton Esterhazy.
\Franz Joseph HAYDN\

3. French king Louis XIV, seeking to enhance French power on the Continent, supported the accession of his grandson Philip of Anjou. This was opposed by England and by Holy Roman Emperor Leopold I, who championed the claims of his son, Archduke Charles. After failed attempts to find a negotiated settlement following the War of the Grand Alliance, fighting broke out in 1701. FTP, name this war, which ended in 1714 with the Treaty of Utrecht.
\War of the SPANISH SUCCESSION\

4. Born about 480 B.C. in Abdera, he was a leading Sophist, renowned for his philosophical wisdom. He visited Athens on numerous occasions, but was finally forced to flee after being convicted of impiety. FTP, who is this Greek philosopher, famous for his maxim that "man is the measure of all things"?
\PROTAGORAS\

5. So far, although much watched, no one has seen one of these particles decay. In theory, however, one may decay into pure energy after roughly 10^{31} years. This type of baryon has a mass of 938.3 million electron-volts, and a charge of plus one. FTP, name this subatomic particle, first detected by Rutherford's gold foil experiment in 1911.
\PROTON\

6. On being pursued by Pan, she took refuge in the river Ladon and prayed to be changed into a reed. The prayer was granted, and of the reed Pan made his pipes. Her name is thus given to a type of reed mouth organ, as well as to the vocal organ of birds. FTP, identify this Arcadian nymph of Greek legend, whose name appears in the title of a song by the Canadian music group Rush.
\SYRINX\

7. Founded in 1971, it uses computers and high technology telecommunications to trade, and to monitor the trading of, millions of securities daily. FTP, name this second-largest stock market in the United States, through which the most heavily traded over-the-counter stocks are exchanged.
\NASDAQ (National Association of Securities Dealers Automated Quotations)\

8. Originally settled by a Muslim people of Turkish origin, it consists mostly of desert and plains regions. Among the geographic features located within its borders are the lower course and delta of the Amu Darya river, as well as the southern half of the Aral Sea. FTP, identify this member of the Commonwealth of Independent States, which is bordered on the east by Tajikistan and Kyrgyzstan, on the west by Turkmenistan, and on the north by Kazakhstan, whose capital is Dushanbe.

\UZBEKISTAN\

9. He once described Edgar Allan Poe with the words, "Three-fifths of his genius and two-fifths of his fudge." An early admirer of Lincoln, he served as minister to both Spain and England, succeeded Longfellow to the chair of modern languages at Harvard, and in 1857 was appointed the first editor of the Atlantic Monthly. FTP, name this American author and critic, whose quote about Poe appears in an 1848 work entitled "A Fable for Critics", and who that same year published "The Biglow Papers."

\James Russell LOWELL\

10. He had a horse named Blodighofi, or "Bloody Hoof", a golden helmet with the crest of a wild boar named Gullinbursti, and a magic ship named Skithbathnir, which could be folded up like a tent. Originally one of the Vanir, he was received among the Aesir after the war between the two. FTP, name this patron god of Sweden and Iceland, the Scandinavian god of peace and fertility and dispenser of rain.

\FREY (acc. Freyr)\

11. It is carried out by certain prokaryotes, some of them free-living and others living within plant roots. Either respiration or photosynthetic metabolism may provide the ATP and reducing agent necessary for the process to occur. FTP, identify this naturally-occurring process of converting nitrogen gas to ammonia, which makes nitrogen available to living things.

\NITROGEN FIXATION\

12. The son of an iron founder, he was a college dropout, and held a job as a post office clerk when the Civil War began. After entering the army to serve in the war, he studied law and was elected to Congress in 1876. A long-time Republican floor leader, he authored a record-high tariff bill in 1890, before losing his seat that same year. FTP, identify this man, who went on to become U.S. president with the backing of his wealthy political manager Mark Hanna.

\William MCKINLEY\

13. One of his greatest achievements, the frescoes in the Church of the Eremitani in Padua, was almost entirely destroyed by an accidental bomb explosion in 1944. A brother-in-law of Giovanni Bellini, he was originally trained by a minor Paduan master, but his early development was crucially shaped by contact with locally available Florentine works. FTP, name this early Renaissance painter of works such as "The Triumph of Caesar" and "St. Sebastian".

\Andrea MANTEGNA\

14. Most scholars believe it was written between 200 B.C. and 200 A.D., and its name literally means "The Song of God". While expounding the way of knowledge and the way of works, its preeminent emphasis is on the way of faith or devotion as the means to salvation which is open to all. FTP, identify this book, a dialogue between the warrior Arjuna the god Krishna disguised as a charioteer, which is India's most popular and best-loved book of devotion.

\BHAGAVAD GITA\

15. Montezuma's senseless surrender of his empire in 1520. Japan's attack on Pearl Harbor. The breakup of the Holy See provoked by the Renaissance popes. The Trojan acceptance of the wooden horse. The loss of the American colonies by Britain's George III. And the U.S. involvement in Vietnam. These examples of government foolishness form the core of examples in, FTP, what 1984 work of historical analysis by Barbara Tuchman?

\THE MARCH OF FOLLY\

16. Laws banning the importation of this animal to the U.S. were passed in 1902. Diurnal creatures which feed on reptiles, eggs, and small mammals, they are usually solitary, but sometimes form colonies around termite mounds. One of the best-known species is the Egyptian variety, sometimes known as the ichneumon. FTP, identify this carnivorous mammal of the family Viverridae, which is known to schoolchildren in America primarily through a story by Rudyard Kipling.

\MONGOOSE\

17. Geometric methods for solving this kind of equation were developed by Omar Khayyam around 1100, but the first algebraic method was not discovered until about 1515, when Scipione del Ferro figured out how to solve a special type. Niccolo Tartaglia announced in 1536 that he could solve two types, and Girolamo Cardano's "Ars Magna" contains a complete solution based on the work of Tartaglia. FTP, identify this type of polynomial equation, whose general solution was found roughly 3500 years after Mesopotamians learned to solve quadratics.

\CUBIC Equation\

18. Justices Oliver Wendell Holmes and John M. Harlan dissented, deploring the court's refusal to let a state protect the health of its workers. The court's ruling was soon modified in Muller v. Oregon, which approved state-regulated limits on women's labor based on shocking sociological and economic data. FTP, identify this 1905 ruling, which struck down a New York law placing limits on maximum working hours for bakers.

\LOCHNER V. NEWYORK\

19. Often found in populations dependent on maize or millet, it is a dermatitis initially resembling sunburn, but which is typically followed by thickening, scaling, and pigmentation. Eventually, confusion, hallucination, or dementia may ensue. FTP, identify this vitamin deficiency disease caused by a lack of niacin in the diet.

\PELLAGRA\

20. More than 331,000 copies of her posthumously released album "Dreaming of You" were sold in its first week, making it the second fastest-selling album ever by a female artist. FTP, name this bilingual music queen, who died on March 31, 1995 at a motel in Corpus Christi, Texas.

\SELENA\