

BERKELEY QUESTIONS by Katy Suttorp (4), _____\95

1. In his optical studies, he stated that all points on a wave front may at any moment be considered as sources of secondary waves that represent the wave front at any later instant. His work on the pendulum led to investigations on the acceleration due to gravity, the shape of the earth, centrifugal force and inertia. He also improved the telescope and discovered the surface markings of Mars and the rings of Saturn. FTP, name this Dutch scientist who formulated a wave theory of light.

\Chrisitan HUYGENS\

2. Internationally celebrated as a virtuoso, he studied in Europe and toured there as well as in North and South America. A pianist, he debuted in Paris in 1849 and New York City in 1853 and continued to perform and conduct his works in the U.S., the Caribbean and South America. FTP, name this American composer whose works blend Creole, American Black, and Spanish techniques.

\Louis Moreau GOTTSCHALK\

3. From 1,300 feet below sea level at the Dead Sea it rises to 6,000 feet in South Kenya. it is occupied by lakes Malawi, Tanganyika, Kiva, Edward and Albert in addition to the Sea of Galilee, the Jordan River, the Gulf of Aqaba and the Red Sea. Volcanic and seismic activity throughout its length tend to support the hypothesis that it represents an early stage in the development of an ocean that will separate east Africa from the rest of the continent in the geologic future.. FTP, name this region.

\GREAT RIFT VALLEY\

4. It can refer to a series of unnavigable rapids along a river or to a disease of the eye in which the normally clear lens becomes opaque, reducing light transmission and perception. FTP, give the term.

\CATARACT\

5. They are used in drying clothes, in slurries, and in separating cream. Giant ones are used to accustom pilots and astronauts to large accelerations. In general, they are used to separate mixtures of solid particles and immiscible liquids of different densities. FTP, name these machines which can extract liquids from solids by rotating them in a container at high speed.

\CENTRIFUGE\

6. Born in 1912, he has been a professor at the University of Chicago since 1946. A famed monetarist, his conservative approach often opposes the policies of John Maynard Keynes. He favors limits for the federal manipulation of monies, th eelimination of price supports and protective tariffs and a negative income tax. Among his works are Capitalism and Freedom, A Monetary History of the United States, and Free to Choose. FTP, name this man, winner of the 1976 Nobel Prize for Economics.

\Milton FRIEDMAN\

7. They arose fom an association founded in 1867 which aimed at curbing high prices imposed on farmers by railroads and grain processors. But their decisions in 1876 established a state's right to regulate privately owned servies affecting the public interest, the first and most important case being Munn v. Illinois. FTP, what was the collective name for these six Supreme Court cases?

\GRANGER CASES\

8. From within the British Parliament, he obstructed parliamentary business and organized an agrarian boycott. His action and the agitation of his supporters persuaded Gladstone to pass the Irish Land Act. But his career ended in 1890 when he was unjustly accused of murder and named correspondent to a divorce case. FTP, name this Irish nationalist, leader of the Home Rule movement.

\Charles Stewart PARNELL\

9. A communist, he engaged in espionage for the USSR during the 1930s but left the party in 1939 and became an editor of Time magazine. His 1952 autobiography, Witness, details his 1948 testimony before the House Committee on Un-American Activities in which he identified his friend as a former Communist and spy. FTP, name this man whose testimony resulted in the conviction of Alger Hiss.

\Whitaker CHAMBERS\

10. Commander-in-chief of the British forces in North America from 1763-1775 and military governor of Mass., his attempt to take an arms depot at Concord resulted in the first battle of the Revolutionary War. FTP, name this man who resigned soon after the debacle at Bunker Hill.

\Thomas GAGE\

11. A German born, American political philosopher, he attempted to adopt principles of Freudianism and Marxism to his social criticism. According to him, modern society is automatically repressive and requires violent revolution as the first step towards a Utopian society. His views made him a cult figure of the 1960s and a popular professor at UC San Diego. FTP, name this author of The One Dimensional Man.

\Herbert MARCUSE\

12. With Inogen Cunningham, Edward Weston and others, he founded the influential group F/64. One of the foremost nature photographers of the 20th century, he pioneered in folio reproduction and wrote several instructional books. But he is better known for his collections which include My Camera in Yosemite Valley, and Portfolio Two: Our National Parks. FTP, name this man known for his dramatic black and white photos.

\Ansel ADAMS\

13. He became royal chaplain in 1507 and Henry VIII, rose to favor, becoming bishop of Lincoln and then archbishop of York in 1514. He negotiated peace with France and a marriage between Henry's sister and Louis XII. Made a cardinal and appointed Lord Chancellor of England in 1515, he amassed great wealth and political power until 1529 when he was dismissed for failing to secure the annulment of Henry's marriage and charged with treason. FTP, name this English statesman.

\Thomas WOLSEY\

14. "For we are strong and skilled, we have authority, we hold memory of evil, we are stern nor can men's pleadings bend us. We drive through our duties, sprung, outcast from the gods, driven apart to stand in light not of the sun." Such is the self description given by the leader of this group of goddesses who pursue Orestes after he murders his mother. FTP, name these daughters of the night.

\FURIES (EUMENIDES)\

15. He was professor of theology at Oberlin College from 1835 and served as the college's president while continuing his evangelistic work. His work throughout New England and the middle Atlantic states in the 1820s caused considerable dismay among more conventional clergymen. FTP, name this man who held emotional revival meetings, to the chagrin of his colleagues.

\Charles Grandison FINNEY\

16. Considered the foremost composer of his time, he was a master of melody and counterpoint. He wrote in every form customary to the 17th century: odes and anthems for royal occasions, many choral and instrumental works and music for plays and masques. His works for the theater include King Arthur and The Fairy Queen. FTP, name this Englishman who also composed the opera Dido and Aeneas.

\Henry PURCELL\

17. His interest was in the world of men: of measuring their power and skill as represented by the self-sacrificing administrator upholding civilization and toiling to extend it. Upon his return to England from India, he became a successful author and published two collections of poems, Barrack-Room Ballads and Recessional and other poems as well as several prose works, including Stalky and Co. and Plain Tales from the Hills. FTP, name this author whose works also include Just So Stories and Kim.

\Rudyard KIPLING\

18. By today's standards, to cut it is to solve a problem with bold, unorthodox action. According to Greek mythology, however, it was a tangible item, used by the Phrygia to join the yoke and pole of an oxcart. A prophecy held that anyone undoing it would rule all Asia. FTP, name this object that defied all comers until Alexander the Great severed it with his sword.

\GORDIAN KNOT\

19. Born Dirschau, Prussia, he came to photography at the very moment handheld cameras came in to use, allowing him to satisfy his taste for whatever was close-in, informal and unofficial. As a photojournalist for Life magazine, he created a scrapbook of the national memory in which public events became less ceremonious while ordinary people took on scale and emotional weight. Among the celebrities captured by his lens were Ernest Hemingway and Marilyn Monroe but perhaps the image he is most recognized for is his picture of the embrace between a sailor and his female companion. FTP, name this man responsible for the photo "V-J Day at Times Square".

\Alfred EISENSTAEDT\

20. Lucky Debonair wins the Kentucky Derby, Frank Sinatra wins the Best Album Grammy, Lorraine Hansberry dies, the U.N. Children's Fund is awarded the Nobel Peace Prize, The Sound of Music wins the best picture Oscar and Malcom X dies. FTP, in what year did all these events take place?

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