1. He's played an Indian, a bum, a newspaperman and a prisoner. Some of his less notable movies include "Alfredo, Alfredo," "Madigan's Millions," and "Who is Harry Kellerman..." For 10 points, name this actor who became famous for his performance in "The Graduate."

Dustin Hoffman
2. This chemical, found in eggs, liver and spinach, is associated with oxidative chains in cell respiration. A lack of it in humans causes lesions at the corners of the mouth and skin disorders. For 10 points, give the more common name of this vitamin, which also is called lactoflavin and vitamin $G$. B2 or Riboflavin
3. At Crotena, he taught transmigration of the soul, vegetarianism and that the earth is the "hearth of the universe." He believed that the essence of all things were numbers and that all relationships could be expressed numerically. For 10 points, name this 6th century Greek philospher who is better knowntoday for his contribution to geometry.

Pythagoras
4. It was at-the Battle of the Bulge that General McAuliffe reportedly responded, "Nuts," when the Germans demanded surrender. For 10 points, what Belgian city was the site of this famous World War II encounter?

## Bastogne

5. As electrons pass through a metal, collisions occur with bound electrons, causing a transferance of mechanical energy into heat energy. For 10 points, what are the vibratory and acoustical equivalents of photons which cause this effect?

Phonons
6. Of the 33 extant tragedies by Aeschylus, Sophocles and Euripides, 32 are based on mythology. For 10 points name the earliest extant example of a historical play written by Aeschylus and based on the Greek defeat of Xerxes.

The Persians or Persae
7. He collaborated with Luis Bunuel in making the films L'Age dior and Un Chien Andalou, surrealistic classics and precursors of the underground film movement. For 10 points, name this Spanish painter, jewelry designer, book illustrator and writer.

Salvador Dali
8. Scotland was Caledonia, Ireland was Hibernia and Switzerland was Helvetia. For 10 points, what ancient name, now more associated with a British ocean liner, was given to Portugal?

## Lusitania

9. The first radio was produced by Guglielmo Marconi, but for 10 points, who was the 19th century German physicist who first produced short radio waves in the laboratory, thereby confirming J.C. Maxwell's electromagnetic theory?

Heinrich Hertz

TOSSUPS, page two
10. The Guinness Book of World Records says close to 70,000 people gathered in Addis Ababa for his funeral, making it the bestattended sports funeral ever. He won the Olympic marathon in 1960 and 1964. For 10 points, name this Ethiopian runner. Abebe Bikila
11. In his search for underlying universal principles of human societies, he developed the principle of binary opposition in his essays on totemism and Oedipus. For 10 points, name this French Structuralist anthropologist noted for his study of mythologies including THE RAW AND THE COOKED, HONEY AND ASHES and THE ORIGIN OF TABLE MANNERS. Claude Levi-Strauss
12. He influenced de Maupassant and Zola and was a contemporary of Hugo and Turgenev. For 10 points, name this French author who wrote SALAMMMBO in 1862 and an 1857 work about the dreamy, introspective Emma Roualt.

Gustave Flaubert
13. Thomas B. Costain has introduced many modern readers to English history through his series beginning with THE CONQUERING FAMILY and ending with THE IAST PLANTAGENETS. For 10 points, who was the last Plantagenet?

Richard II
14. An ardent swimmer might be said to have hydrophilia. A book lover has bibliophilia. For 10 points, what would you love if you were afflicted with ailurophilia? Cats
15. Paula Hawkins and Nancy Landon Kassebaum are currently the only two women in the U.S. Senate. For 10 points, what Republican senator left that body in 1972 after serving 24 years, the longest term ever for a woman? Margaret Chase Smith
16. Schooled at Bowdoin, he became friends with Hawthorne and Longfellow. In the White House, he led the nation through the Kansas-Nebraska compromise and oversaw the Gadsen purchase. For 10 points, who is this man, the 14 th president of the United States? Franklin PIERCE
17. In ferromagnetic materials, internal magnetic fields are oriented in regions which align with an externally applied magnetic field. The name of these regions is the same as one denoting the set of possible values of an independent variable of a function. For 10 points, what is this scientific and mathematical term? Domain
18. A brilliant chemist and illegitimate son of a Georgian prince, his talents as a composer were recognized and heralded by Franz Liszt. Among his works is the symphonic poem IN THE STEPPES OF CENTRAL ASIA. For 10 points, name this Pussian, whose noted opera PRINCE IGOR was left unfinished. EMORY COLLEGE BOWI Aleksandr Portirevitch Borodin

TOSSUPS, page three
19. You are "the best: of cutthroats": and do not start;

The phrase is Shakespeare's and not misapplied:
War's a brain-spattering, windpipe-slitting art,
Unless her cause by right be sanctified.
If you have acted once a generous part,
The world, not the world's masters, will decide,
And I shall be delighted to learn who,
Save you and yours have gained by Waterloo.
For ten points, what is the epic satire containing this Byronic attack on the Duke of Wellington?

Don Juan (pronounced Don Jew-one)
20. Son of Zeus and brought up by Chiron, he was killed by his father's thunderbolt after he raised Hippolytus from the dead. For 10 points, identify this great physician, considered the Greek god of medicine.

Aesculapius or Aschepius
21. The scene is Bayfront Park in Miami, Florida. The date is Feb.-15, 1933. President-elect Franklin D. Roosevelt survives an assassination attempt by madman Giuseppe Zangara. For 10 points, name the mayor of Chicago who wasn't so lucky and was killed in the attack.

Anton Cermak
22. Grand Canyon National Park covers well over one million acres. The nation's largest national park, however, is also its oldest, founded in 1872. For 10 points, name this national park which covers more than two million acres in three states -Wyoming, Montana and Idaho.

Yellowstone National Park

BONUSES

1. BONUS: 30 points

Identify this author after one work for 30 points, after two for 20 points or after three for 10 points

1. ADVENTURES IN THE SKIN TRADE
2. IN COUNTRY SLEEP AND OTHER POEMS
3. A CHILD'S CHRISTMAS IN WALES Dylan Thomas

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2. BONUS: 25 points

Given the murderer, supply the famous victim for five points each, 25 points for all five.

1. Charles J. Guiteau
2. Carl Weiss
3. Robert Ford
4. Ramon Mercader.
5. Leon Czolgosz
6. BONUS: 30 points

Snow White had seven dwarves; Bilbo Baggins had 13. For
five points each name any six of the dwarves who accompanied Bilbo in THE HOBBIT.

Dwalin, Balin, Fili, Kili, Dori, Nori, Ori, Oin, Gloín, Bifur, Bofur, Bombur and Thorin Oakenshield.
4. BONUS: 30 points

Give the name of this 20 th century American painter after
one clue for 30 points, after two for 20 or after three for 10.

1. His works include CATHEDRAL and DRAWING NO. 132.
2. This abstract expressionist, who died in 1956, studied
under Thomas Hart Benton.
3. The term "action painting" is used to describe the work
of this artist who sometimes is nicknamed "Jack the Dripper."
Jackson Pollock
4. BONUS: 25 points

This ruling family controlled much of southeast Asia from about 800 to 1200 AD . Their culture was predominately Indian and their religion similar to Hindo. Centered in Cambodia in the Angkor region, these princes were forced to retreat to a region near Phnom Penhduring the 13th century. For 25 points, name this ruling family whose name continues to be associated with Cambodia.
the Khmer (as in Khmer Rouge)
6. BONUS: 30 points

Name this mythological god after one clue for 30 points, two clues for 20 , or three clues for 10.

1. At the end. of the world, he and his offspring will break loose from their chains and battle the good gods, ultimately destroying each other.
2. His offspring are Hel, Jormungandr, the Midgard serpent and the Fenris wolf.
3. He is the Norse god of evil and fire, the trickster and mischief-maker.

BONUSES, page two
7. BONUS: 20 points

It is a product of metabolism and, like adenine and guanine,
it is a purine. Crystals of this substance can deposit in joints of the human body and cause a painful affliction called gout. For 20 points, name this purine.

Uric acid
8. BONUS: 25 points

Only five performers in movie history have won Oscars for both lead and supporting roles. For five points each name them,-three women and two men.

Ingrid Bergman, Helen Hayes, Maggie Smith, Jack Lemmon, Robert DeNiro
9. BONUS: 30 points

Identify this capital city by its famoús structural landmarks after one clue for 30 points, two clues for 20 points and three clues for 10 points.

1. The Drum Tower and the Summer Palace
2. The Three Great Halls and the Porcelain Pagoda
3. Buddha's Perfume Tower and the Forbidden City Peking or Beijing or Peiping
4. BONUS: 30 points

A Loyalist and spy, he fled America during the Revolution, was knighted in Britain and eventually became a government official in Bavaria, where he was given the title of Count of the Holy Roman Empire for his reforms. His findings on friction and heat laid the basis for the modern kinetic theory of heat and led to improvements in fireplaces and chimneys. For $30^{\circ}$ points, hame this famous scientist-soldier who has named for him the English Garden in Munich, a medal from the Academy of Arts and Sciences and a chair in physics at Harvard. Count Rumford or Benjamin Thompson
11. There are Shi'ite and Sunni Moslems, Catholic and Protestant Christians and Conservative and Orthodox Jews. For 15 points each, give the two major sects of Buddhism, which are translated as the "great vehicle" and the "less vehicle."

Mahayana, Hinayana
12. BONUS: 30 points

Identify this American writer from his works after one clue for 30 points, two clues for 20 or after three for 10.

1. KNIGHT's GAMBIT
2. A ROSE FOR EMILY and SANCTUARY
3. AS I LAY DYING and LIGHT IN AUGUST

William Faulkner
13. BONUS 30 Points

The two main types of geological diastrophism literally translate as "Mainland-being born" and "Mountain-being born" in Greek. For 15 points apiece, what are these two important terms in plate techtonics?

Epeirogeny and Orogeny
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BONUSES, page three
14. BONUS: 25 points

The Windsors are on the throne in Great Britain. For five points each, give the country in which these dynasties
rule, whether actually or symbolically.

1. Saxe-Coburg-Gotha

Belgium
2. Bernadotte

Sweden
3. Grimaldi
4. Meiji
5. Bourbon

Monaco
Japan
Spain
15. BONUS: 25 points

For five points each, give the state represented by these senators.

1. Carl Levin
2. Harrison Schmitt
3. James Sasser Michigan /
4. Dennis DeConcini
5. Ted Stevens

New Mexico Tennessee
Arizona
Alaska

30 pts. 16. If I said GULIIVER's TRAVELS, you'd say Jonathan Swift. If I said, CADENUS AND VANESSA, another work by him, you'd probabiy say nothing at all. Try to identify the following authors from their less well-known works for 10 points a piece.

1. OUR MUTUAL FRIEND Charles Dickens
2. THE BRIDE OF LAMMERMOOR Sir Walter Scott
3. THE RAPE OF LUCRECE William Shakespeare

30 pts. 17. Harold Bluetooth was the first Christian king of Denmark. Identify these Harolds for 10 points each.

1. King of England in 1066, he belonged to the most noble English family in the reign of Edward the Confessor. He opposed William I at Hastings and was killed. Give the family name of this Harold. Godwin or Godwinson
2. The first king of Norway, this Harold served from about 850-933 after a victory at Hafrs Fjord over several petty kings. What was his descriptive nickname? Fairhair
3. King of England from 1037-40, this Harold was the illegitimate son of Canute and struggled with his: halfbrother Harthacanute for control of England. What was his other name?

Harefoot $X$
18. O'Hare is in Chicago, LaGuardia in New York. For five points a piece, give the city in which you would find these airports; all among the world's 50 busiest.

1. Orly
2. Gatwick
3. Schiphol
4. Arlanda
5. Congonhas

Paris
London
Amsterdam
Stockholm
Sau Paulo
19. BONUS: 30 points Identify this two for 20 , three for 10.

1. He is known for such works as IPHIGENIA IN BROOKLYN, CONCERTO FOR BASSOON VS. ORCHESTRA IN B-FLAT MAJOR and HANSEL AND GRETEL AND TED AND ALICE (an opera in one unnatural act).

BONUSES, page four
2. He gave plagiarism a bad name and was one of very few composers to write for instruments such as the double-reed slide music stand, shower hose (in D), the hookah and the Oscar Mayer wiener whistle.
3. The invention of Peter Schickele, he is said to have been given only initials by his great composer father, who was too fed up with the situation to try to come up with a complete name.

## P.D.Q. BACH

20. BONUS 20 Points

This 1758 satire was designed with the first 10 chapters set in Europe, the second ten in America, and the third ten in Asia. 1. First, for 15 points, name the work which begins in Westphalia and ends in Constantinople.

Answer: Candide
2. Now, for another 5 points, give the real name of its author. Answer: Francois Narie Arouet (pr. Are-oo-ay)

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