1. In Latin, it is Taraxacum officinale. Ray Bradbury wrote a short story with it in the title. For 10 pts. what is this flower which can be used to make wine and whose leaves are sometimes used in salads?

ANS. Llandelion
2. "His Majesty's Government views with favor the establishment in Falestime of a national home for the Jewish people." This quote 15 contained in a famous 1917 letter. For 10 pts. what is it?

ANS. Balfour Declaration
3. This self-taught painter of the late 19th century, nicknamed "Le Ilouanier," influenced the surreal ist movement and created such dreamscapes as "War," "The Sleeping Gypsy," and "The Snake Charmer." For 10 pts. who is he?

ANS. Henri Fiousseaul
4. Water spiraling down a drain in the Northern Hemisphere forms a counterclockwise vortex, while it goes clockwise in the Southern Hemisphere. Most researchers believe this phenomenon is caused by an apparent force on particies or objects in the atmosphere produced by the rotation of the earth. For 10 pts. what is this effect?

ANS. Cor 10i15 Effect
5. A Navy hydroplane commander, a worid-renowned surgeon, the defendant in a murder trial, a devil-may-care bomber pilot, and a man before a firing squad. Inly one man could be all of these things, even in his dreams. For 10 pts. what Thurber creation is tin is?

ANS. Waiter Mitt
o. F'lantagenet, York, Tudor, Stuart, or Saxe-Coburg. For 10 pts. which of these royal houses of England oDes not count an "Edward" among its monarchs?

ANS. Stuart
7. Dedicated to two 1 iterary patrons, the earl of pembroke and the earl of Montgomery, it was compiled by John Heminges and Henry Londell and pubilsned in 1623 . For 10 pts. what is this 36 olav collection witch does not include Fericles, Prince of Tore?

ANS. First Folio
8. Leon Festinger showed that when people are forced to make a choice between two equally attractive alternatives, they will enhance the good points of their choice and exaggerate the bad points of the rejected choice. For 10 口ts. what is the psychological term for the state of tension produced when a person is confronted with two thoughts or beliefs which are logically inconsistent?

ANS. Cognitive Dissonance
7. Michael Harrington offered a moving examination of it in his book, The Other America." In 1964 , Lyndon Johnson declared war on it. For 10pts. what is it?

ANS. Foverty
10. This performer electrified the Newport Jazz Festival in 1965 with his choice of instrument. He later released such albums as Highway bl Fevisited, Elood on the Tracks, and Slow Train Coming. For 10 pts. name this singer.

ANS. Bob [ivian or Zimmerman
11. It passes through the spaces of Fontana, filters into the canal of Schenn, and then passes to the larger veins of the eye. For 10 pts. what is this watery-like fluid filling the anterior chambers of the eye?

ANS. Aqueous Humor
12. The 1 argest county in Northern Ireland, it was organized as a shire neariy three centuries ago after the English had defeated the G'Neills. This county's name was ailso the name of the family in Eugene 0'Neill's play Long Llay's Journev into Night. For 10 pts. what is it?

ANS. Tvrone
13. He correctlv predicted the solar eclipse of 585 E.C. and astounded the Egyptians when he calculated the height of the Great Fyramid using shadows and similar triangles. For 10 pts. identify this pililosopher who thought the basic element of nature was water.

ANS. Thales
14. Labeled the "Helen of geometry," among its properties are: the area around the arch ls three times the area of the rotating circle, and its lengtn $1 s$ four times the diameter of the rotating circle. For 10 ots. 1 口entifv this Eurve traced by the oath of a fixed point on a circie whicn roils smoothly on a straignt line.
15. Born the 111 egitimate son of Flora Wellman and W.H. Chaney, at 15 he went out on $i 1 s$ own as an oyster pirate, at 21 he took part in the klondike gold rush, and in 1900 , at the age of 24 , he establ ished himself as a writer with "An Odyssey of the North." For 10 pts. identifv this creator of the dog, Buck.

ANS. Jack London
16. If you were to visit a northern lake some summer, you might see one of these birds. More likely, you will hear its call which has been described as "falsetto wails, weird yodeling, maniacal quavering laughter." For 10 pts. what water bird is this, found in the title of an E.L. Lloctorow novel?

ANS. LOOM
17. In 1816 only about 100 miles of them existed in the entire U.S., but by 1820 , over $1,200 \mathrm{miles}$ had been built. The most famous one cost $\$ 7 \mathrm{million}$ and was completed in 1825 . For 10 pts. what are these modes of transportation?

ANS. Canals
18. Son of the river god Cephissus and river nymph Liriope, he was told he would live to old age if he never saw his features. The gois punished him for scorning a smitten girl who kept repeating, repeating, repeating, herself. For 10 pts. who was this selfisi oaf?

ANS. Narcissus
19. It increases both the forward and reverse reactions and produces no net change in the eoulilibrium concentrations. For 10 pts. what is this which is added to a chemical reaction to alter the speed of the reaction?

## ANS. Cataivst

20. Fuiblished in 1951 , it has been banned somewhere in the U.S. yearly since 1955. A copy of it was carried by Mark Diavid Chapman the night he assasinated John Lennon. For 10 pts. what is this novel of adolescent angst?

ANS. Cather in the Five
21. We all know that Liavid carred a sling to meet Goliati, out for 10 pts. what weapon did Goliath oring?

ANS . Sword

BONUS 20 PTS. For 10 pts. each, name the two thieves crucified with Jesus at Golgotha.

ANS. Dismas and Gestas

BONUS 25 PTS. Modern musical instruments have their roots in earlier days. For 5 pts. each, given an ancient musical instrument, provide its modern counterpart

1. Viola da Gamba ANS. Cello or Violin Cello
2. Shawn
3. Sackbut
4. Chalumeau (Chah-loo-mow) ANS. Oboe
ANS. Trombone
5. Clavichord

ANS. Clarinet
ANS. Piano or Pianoforte

BONUS 25 PTS. Everyone knows that Napoleon finally lost at Waterloo in 1815, but what do you know of his earlier battles? First, place these Napoleonic battles in chronological order for 5 pts. each: Leipzig, Marengo, Jena, and Austerlitz (Reader give 10 seconds)
ANS. 1. Marengo (1800) 2. Austerlitz (1805) 3. Jena (1806) 4. Leipzig (1813)
For an additional 5 pts. which of these did he lose? ANS. Leipzig

BONUS 30 PTS. For 10 pts. each, tell me to what phylum each of the following extinct animals or animal groups belongs.

1. Trilobites

ANS. Arthropoda
2. Ammonoids

ANS. Mollusca
3. Tyrannosaurus Rex

ANS. Chordata

BONUS 30 PTS. Authors are fond of writing novel series, one well known example is Proust's Remembrance of Things Past. Given the novels in a series, identify either the author or the name of the series, 10 pts. each.

1. Men at Arms, Officers and Gentlemen, and Unconditional Surrender ANS. Sword of Honor by Evelyn Waugh
2. City of Spades, Mr. Love and Justice, Absolute Beginners

ANS. London Novels by Colin McInnes
3. Justine, Balthazar, Mount Olive, and Plea ANS. Alexandria Quartet by Lawrence Durrell

BONUS 25 PTS. President Reagan's budget for 1988 is without a doubt in rough water now that it has reached Congress. Not the least of its problems will be getting through the House Budget committee, whose chairman is also leader of the Black Caucus in Congress. Ten pts. for one, 25 pts. for both, name him and the state he represents.

ANS. William Gray, Pennsylvania

BONUS 30-20-10 Identify this U.S. President.

1. In 1876, while serving as a member of the House of Representatives, he discovered a proof of the Pythagorean theorem which was published in the New England Journal of Education.
2. He was the only Representative from Ohio to vote against the 1878 Bland-Allison Free-Silver Bill.
3. James G. Blaine was his Secretary of State. He won the presidency over a Democrat with a plurality of only 7,368 votes.

ANS. James A. Garfield

BONUS 30 PTS. Commercial nuclear power plants have been used in the United States for nearly thirty years. For 10 pts. each name these.

1. The first commercial nuclear power plant built from a Navy reactor. ANS. Shippingport
2. The nuclear power plant near San Luis Obispo, California, which has just begun operations despite being located just a few miles from an earthquake fault.

ANS. Diablo Canyon
3. The unfinished New England nuclear plant at which over 1,400 people were arrested in the spring of 1977, thus signalling the beginning of the mass movement against nuclear power.

ANS. Seabrook

BONUS 25 PTS. Helping to form a sort of geometry of nature, both the Pean Curve and the Cesar Curve are examples of these strange and chaotic shapes used to describe natural phenomena such as earthquakes, trees, bark and coastlines. For 25 pts. what are these objects whose detail is lost as it is magnified?

ANS. Fractals

BONUS 30-20-10 Identify this American author.

1. Of him Raymond Chandler remarked, "I realize that I am much too clean to be a genius, much too sober to be a champ, and far, far too clumsy with a shotgun to live the good life."
2. After working as a Kansas City reporter, he served in 1918 as a volunteer with an ambulance unit on the Italian front.
3. His works include Death in the Afternoon, The Green Hills of Africa, and A Moveable Feast.

ANS. Ernest Hemingway

BONUS 25 PTS. He was the first president of the Irish Free State, but died in 1922, the year he came to office. Publisher of the United Irishman, he was an advocate of passive resistance. For 25 pts. who was he?

ANS. Arthur Griffith

## OHIO STATE BONUSES

BONUS 30 PTS. The Sahara (I hope you know) is located in Africa. But, for 10 pts. each, can you name these other African deserts.

1. Located in northeast Sudan, it is named for an ancient kingdom which ruled Egypt in the 8 th and 7 th centuries B.C. ANS. Nubian
2. Located in southwest Africa with a yearly rainfall ranging from 5 to 20 inches, its principal inhabitants are Bushmen and Khoikhoi. ANS. Kalahari
3. It's located primarily in the Ethiopian section of the Great Rift Valley ANS. Danakil

BONUS 30 PTS. The Brain Stem, the most inferior region of the brain, is comprised of four regions. One region, the Diencephalon, contains the thalamus and the hypothalamus. For 10 pts. each, identify these other three.

1. The lowermost portion of the brain, it is directly continuous with the spinal cord, is triangular in shape, and regulates the cardiac center. ANS. Medulla Oblongata
2. Lying directly above the medulla and anterior to the cerebellum, it has two regions, the basilar and tegmental portions.

ANS. Pons or Pons Varolii
3. Forming the uppermost portion of the brain stem, it lies directly above the pons is important to equilibrium and postular reflexes.

ANS. Midbrain or Mesencephalon

BONUS 25 PTS. Belly up to the bar and tell me what drink you've ordered if its contents are as follows, 5 pts. each.

1. Scotch, sweet vermouth, and angostura bitters ANS. Rob Roy
2. Triple sec, Cognac, lemon juice, shaken with ice and strained

ANS. Sidecar
3. Gin, Vermouth and an onion ANS. Gibson
4. Gin, grenadine, sweet and sour mix ANS. Singapore Sling
5. Gin, vodka, rum, triple sec, sweet and sour, and coke ANS. Long Island Tea

BONUS 30 PTS. Aeschylus wrote the Oresteia trilogy. For 10 pts. each, given a description of these three plays, name them.

1. Orestes avenges his father's death by killing his mother, Clytemnestra, and her lover, Aegisthus.

ANS. The Libation Bearers
2. It depicts the murder of Orestes' father Clytemnestra and Aegisthus. ANS. The Agamemnon
3. Orestes stands trial with Athena as judge and Apollo as counsel for the defense. The jury is split 6-6, and Athena votes in favor of mercy. ANS. The Eumenides

BONUS 30 PTS. In 1859, a disgruntled North Carolinian published this aptly named work in which he demonstrated statistically that slavery was ruining the South's economy and corrupting its social structure. The book was widely published by northern Republicans and only fueled growing sectional tensions. For 15 pts. each, name this explosive book and its author.

ANS. The Impending Crisis, by Hinton Rowan Helper

BONUS 20 PTS. The Stanley Cup is for hockey and the newly named Jackie Robinson trophy is for baseball. For 5 pts. each, in what sport are these tropies awarded?

1. Borg-Warner
2. Jules Rimet
3. Whiteman Cup
4. Calder

ANS. Auto Racing (Indy 500 winner)
ANS. Soccer (Better known as the World Cup)
ANS. Tennis (Female Davis Cup)
ANS. Hockey (Best Rookie)

BONUS 25 PTS. I will give you a list of artistic movements of the 19th century and you tell me which best identifies the following artists, 5 pts. each. The movements are: Romanticism, Impressionism, Neo-Classicism; Pointillism; Pre-Raphaelite.

1. John Constable

ANS. Romanticism
2. Edgar Degas
3. Jean Auguste Dominque Ingres
4. Paul Signac
5. William Holman Hunt

ANS. Impressionism
ANS. Neo-Classicism
ANS. Pointillism
ANS. Pre-RaphaeTite

BONUS 30-20-10 Identify this author from a list of their works.

1. An Island in the Moon (1784) and The Book of Urizen (1794)
2. The Book of Thel (1789) and Visions of the Daughters of Albion (1793)
3. The Marriage of Heaven and Hell

ANS. William Blake

BONUS 25 PTS. To prepare for war with Jugurtha, this Roman general, who became consul in 107 B.C., reformed the army. He created a professional fighting force loyal to him, but not so much to Rome. With this army, he set off virtual civil war which lasted from 91-88 B.C. For 25 pts. who was he?

ANS. Gaius Marius

