

1. By examining certain perturbations in the orbit of Neptune, physicists were able to deduce the existence of the planet Pluto before it was actually empirically discovered. For 10 points, what other similarly theoretically predicted tenth planet, located between the sun and Mercury, turned out not to in fact exist?

ANS. Vulcan (The perturbations in Mercury's orbit were later explained by the Theory of Relativity.)

2. This term, coined by Émile Durkheim, is used by social scientists to characterize a condition of either the absence of societal norms or the simultaneous existence of conflicting social norms as brought about by, for example, the embedding of a subculture within a larger "mainstream" culture. This condition often results in behavior that is considered deviant from the point of view of the dominant culture. For 10 points, what is it?

ANS. anomie

3. A baseball pitcher throws a curve ball. A child drinks milk through a straw. A tornado causes a building to explode. For 10 points, what natural law, named for a famous eighteenth century Swiss physicist and mathematician, is illustrated in the occurrence of these diverse phenomena?

ANS. Bernoulli's Principle

4. The nineteenth century Russian author Ivan Turgenev introduced a term in his novel Fathers and Sons which has, in philosophical circles, come to mean a belief that there is no objective basis for moral law, and hence no legitimacy to moral authority. For 10 points, identify this term.

ANS. Nihilism

5. In a political cartoon by John Tenniel which appeared in Punch, he is depicted as an old pilot solemnly leaving his ship while a youthful William II looks on. For 10 points, identify the fired statesman who is the center of this 1890 cartoon.

ANS. Otto von Bismark

6. His brother Paul became famous as a songwriter producing such hits as "My Gal Sal" and "On the Banks of the Wabash." Paul also got this author a job at Butterick Publications, where he became head. For 10 points, identify this naturalist author of Jennie Gerhardt and Sister Carrie.

ANS. Theodore Dreiser

7. You are at New York's Kennedy International Airport. You have a ticket for a direct flight to a foreign capital which will take you right over the North Pole. For 10 points, are you flying to Tokyo, Japan; Ulan Bator, Mongolia; Kabul, Afghanistan; or Moscow, USSR?

ANS. Ulan Bator (Mongolia is acceptable. The second city is also acceptable.)

8. A famous series of his woodcuts is called "The Dance of Death." This sixteenth century artist did portraits of Sir Thomas More, Princess Christine of Denmark, Henry VIII, Erasmus, and others. For 10 points, name this German painter who lived in London.

ANS. Hans Holbein the Younger

9. Fossil and tool remains of Zinjanthropus, or "East Africa Man," were discovered in 1959 by Professor Louis S.B. Leakey and his associates. This find included the oldest heretofore known samples of fabricated tools. For 10 points, by what name is this now famous archeological site known?

ANS. Olduvai Gorge

10. Another Olympic hero, Louis Tewanima, also went there, but it was in the glory days of super athlete Jim Thorpe that this small Pennsylvania college for American Indians actually beat Harvard, Army, and other powerhouses of the 1910's and won one consensus national championship. For 10 points, name this now defunct college.

ANS. Carlisle

11. This American explored the Amazon with zoologist Louis Agassiz, took a medical degree, and was a professor at Harvard successively of comparative anatomy, psychology, and philosophy. His Varieties of Religious Experiences (1902) helped thousands to reconcile faith with increasing knowledge. For 10 points, identify this brilliant thinker.

ANS. William James

12. In 1943, a riot broke out in Los Angeles when sailors invaded the Mexican section and literally ripped the clothes off teenaged Mexican boys. For 10 points, what was this riot, named for the Mexican's clothes, which featured a broad felt hat, long key chain with pocket knife, and oversized trousers which tapered at the ankles.

ANS. Zoot-suit

13. According to medieval alchemists, with this item one could win the heart of any person that he desired or one could have eternal youth. However, its best known property was that with it one could transmute base metals into gold. For 10 points, what was this legendary object?

ANS. the Philosopher's Stone (note: Blarney Stone is not acceptable)

14. For a quick 10 points, what kind of charge does a lambda particle have?

ANS. zero or none or neutral

15. Banned in Massachusetts in 1821, this novel became the center of the first known obscenity case in the U.S. When the author published it in the mid-1700's, he was summoned before the Privy Council for indecency. For 10 points, what is the popular name for this John Cleland novel called Memoirs of a Woman of Pleasure.

ANS. Fanny Hill

16. You probably all know that "parthenogenesis" refers to the development into a mature organism of an unfertilized ovum. For 10 points, though, what term is used to refer to the normal change of an organism's sex from male to female during the course of its lifetime?

ANS. protandry

17. China-- 1331, the Crimea-- 1346, Messina and Sicily-- 1347, Venice and Genoa-- 1348, and London-- 1349. For 10 points, these cities and dates correspond with the spread of what illness carried by Pasturella pestis.

ANS. Bubonic Plague (if Black Death is given, ask for more information)

18. Roughly cube-shaped, its dimensions are 40 feet by 35 feet by 50 feet. It is composed of gray stone and marble, and might not otherwise be much to look at, but it is usually covered with a gold-embroidered black cloth. For 10 points, give the name of this holiest of Moslem shrines, located in the city of Mecca.

ANS. the Kaaba

19. To find Vietnam, use 959.7; for Paleontology, 560; and for slavery and emancipation, the magic number is 326. For 10 points, name this classification code used by many libraries.

ANS. Dewey Decimal System

20. The name of this play/character was derived from an Old German word, ama-laut, meaning "distinguished for spotlessness." The chief nondramatic narrative source came from Saxo Grammaticus. For 10 points, name this Shakespearean tragedy featuring Rosencrantz and Guildenstern.

ANS. Hamlet

21. Auto Repair Manual for American Cars from 1976 through 1983. Truck and Van Repair Manual, 1975-82. Import Car Repair Manual - Cars & Light Trucks. The titles of all these indispensable guides begin with the name of their publishing firm in Radnor, Pennsylvania. For 10 points, name it.

ANS. Chilton

UTC Round BONUSES

BONUS 30-20-10 Identify this historical figure.

1. He was founder of the Yüan dynasty in China.
2. This thirteenth century emperor ruled a vast territory that stretched from Korea to India.
3. Grandson of Genghis Khan, he befriended the Venetian merchant Marco Polo and effected the first direct cultural interchange between the Far East and the West.

ANS. Kublai Khan

BONUS 25 PTS. If you didn't do as well as you hoped on the Miller Analogies Test, here is a chance to vindicate yourself. I will give you four analogies; in each case, you supply the missing term to complete the analogy. Five points each, and you get an extra 5 points for getting all four correct.

- ✓ 1. atom is to molecule as cell is to _____
ANS. organism (not tissue)
2. multiplication is to division as exponentiation is to _____
ANS. radication or extraction of root or taking of root (Root is acceptable. If "square root" is answered, say "too specific" and give another chance.)
- ✓ 3. Aristotle was to Plato as Jung was to _____
ANS. Freud (student : mentor)
4. Julien Sorel is to Stendhal as Betsy Trotwood is to _____
ANS. Dickens (character : author)

BONUS 25 PTS. It's time to hit the road, Jack! You'll get 10 points if you can name either of these authors of recent bestselling travel memoirs, or 25 points if you can name them both.

1. The author of A Walk Across America, as you might guess, took a walk across America and chose to settle in the most pleasant, unspoiled town he found - Spring Hill, Tennessee. (That was just before GM decided to build its huge new Saturn plant there.)
ANS. Peter Jenkins
2. The author of Blue Highways chose to revert to his American Indian name.
ANS. William Least Heat Moon

BONUS 25 PTS. A number of Nazis who played a major role in the Holocaust have recently resurfaced to public attention. I will give you the nickname by which some of these infamous figures are known, and you will earn 5 points each for giving me their actual name.

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|----------------------------|----------------------------|
| 1. the Angel of Death | ANS. <u>Josef Mengele</u> |
| 2. the Bitch of Buchenwald | ANS. <u>Ilse Koch</u> |
| 3. the Butcher of Lyons | ANS. <u>Klaus Barbie</u> |
| 4. Ivan the Terrible | ANS. <u>John Demjanjuk</u> |
| 5. the Beast of Belsen | ANS. <u>Josef Kramer</u> |

UTC Round BONUSSES

BONUS 30 PTS. How do you measure up? There are 4 generally recognized types of scales of measurement: the Nominal, Ordinal, Interval, and Ratio scales. For 5 points each, identify which scale is most appropriate for the given quantities.

1. Mohs' Scale of mineral hardness ANS. ordinal
2. temperature on the Celsius (Centigrade) scale ANS. interval
3. the numbers on football jerseys ANS. nominal
4. temperature on the Kelvin scale ANS. ratio
5. the ranks held by soldiers in an army ANS. ordinal
6. mass as measured in the metric system ANS. ratio

BONUS 30 PTS. Here's a straightforward set of questions. The subject is British rock groups. I'll give you an album title; you name the group that recorded it for 5 points each.

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|---|----------------------------|
| 1. <u>Dark Side of the Moon</u> | ANS. <u>Pink Floyd</u> |
| 2. <u>Days of Future Passed</u> | ANS. <u>Moody Blues</u> |
| 3. <u>Their Satanic Majesties Request</u> | ANS. <u>Rolling Stones</u> |
| 4. <u>Synchronicity</u> | ANS. <u>The Police</u> |
| 5. <u>Quadrophenia</u> | ANS. <u>The Who</u> |
| 6. <u>Close to the Edge</u> | ANS. <u>Yes</u> |

BONUS 30 PTS. I'll give you a description of a Freudian ego defense mechanism, and, for 5 points, you identify the term for it. If you don't do too well on this one, you are free to relegate this experience forever to the confines of your unconscious.

1. It is the channeling of one's energies and desires to socially acceptable and even desirable ends.
ANS. sublimation
2. It is the attributing of one's own undesirable desires and impulses to others.
ANS. projection
3. It is the disguising of one's unwanted wishes and feelings by the individual's outwardly acting in a manner completely contrary to those wishes and feelings-- usually in an exaggerated way.
ANS. reaction formation
4. It is venting or expression of feelings toward a person or object which is not the source of the feeling, but who is less threatening or more accessible than the person or thing that originally aroused the feeling.
ANS. displacement
5. It is the attribution of others' desirable characteristics and traits to oneself, particularly when one is actually lacking in those attributes.
ANS. introjection

BONUS 30-20-10 Identify this 1950's novel.

1. The protagonist works at a paint factory whose slogan is "Keep America Pure with Liberty Paint."
 2. Of himself, the protagonist says "People refuse to see me.... When they approach me they see only my surroundings, themselves or figments of their imagination-- indeed everything and anything except me."
 3. It contains an apocalyptic vision of wholesale destruction, sacrifice, the end of the world. There is even a dream of running that ends in castration. The author is Ralph Ellison.
- ANS. Invisible Man

UTC BONUSES

BONUS 30 PTS. This is a question about men behind the presidents, 10 pts. for each one you can name.

1. The business magnate who engineered William McKinley's rise to the White House, he later became a senator himself.

ANS. Mark Hanna

2. This public relations genius met Warren Harding, then a newspaper editor in Ohio, and said to himself, "Gee, what a great president he'd make!" Sure enough, Harding got to the White House and took his mentor along to be attorney general-- at least, until the Teapot Dome scandal brought him down.

ANS. Harry Daugherty

3. Woodrow Wilson's closest advisor, he helped draft the Treaty of Versailles and the covenant of the League of Nations.

ANS. Col. Edward House

BONUS 25 PTS. It's sometimes hard to tell where anything is coming from or going to these days, but see how well you can do in identifying these embryological origins. I'll name a structure, organ, or component of the human body, and, for 5 points each, you tell me whether it develops from the endoderm, mesoderm, or ectoderm.

1. the excretory system ANS. mesoderm
2. the reproductive organs ANS. mesoderm
3. the mouth ANS. endoderm
4. the inner ear ANS. ectoderm
5. the pancreas ANS. endoderm

BONUS 25 PTS. He wrote the "Serenity Prayer," which goes "O God, give us serenity to accept what cannot be changed, courage to change what should be changed, and wisdom to distinguish the one from the other." For 25 pts. identify this American theologian and author of Moral Man and Immoral Society.

ANS. Reinhold Niebuhr

BONUS 25 PTS. I will provide you with a list of artistic movements, and for 5 pts. each, you tell which best applies to the following artists. The movements are: Dadaism, Realism, Impressionism, Fauvism, Expressionism, and Surrealism. Note: there is one more movement than artist.

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|--------------------|---------------------------|---|
| 1. Henri Matisse | ANS. <u>Fauvism</u> | / |
| 2. Alfred Sisley | ANS. <u>Impressionism</u> | / |
| 3. Francis Picabia | ANS. <u>Dadaism</u> | |
| 4. Edvard Munch | ANS. <u>Expressionism</u> | / |
| 5. Gustav Courbet | ANS. <u>Realism</u> | / |

BONUS 20 PTS. Years ago, if you wanted to see such celebrated writers as Dorothy Parker, George S. Kaufman, or Robert Benchley, you often could find them seated at "The Round Table." For 20 pts., in what New York hotel, named after an Indian tribe, could they be found?

ANS. The Algonquin

UTC BONUSES

BONUS 30 PTS. Charles V was one of the greatest Holy Roman Emperors. Answer these questions about him.

1. He was the 5th Holy Roman Emperor, but for 10 pts. what number Charles of Spain was he?

ANS. I

2. Charles abdicated all his titles in 1556 and divided his territory between his son and his brother. For 5 pts. each name them.

ANS. Philip II and Ferdinand I (brother)

3. Charles' mother, Spanish queen of Castille and Leon, was insane and her husband and father ruled as regents for her. For 10 pts. name her.

ANS. Joanna the Mad

BONUS 20 PTS. Western movies have always been popular at the box office, but are usually panned by the critics. Only one western, however, has ever copped the Academy Award for Best Picture. For 10 pts. name this film, based on an Edna Ferber novel, and for another 10 pts. identify the year it won.

ANS. Cimarron, 1931

BONUS 30 PTS. Undoubtedly, Rock Hudson was the most famous person yet to die of AIDS. However, the disease has struck down other notables. For 10 pts. each, identify these AIDS victims.

1. United States Representative from Connecticut, his doctor maintained that he contracted AIDS from transfusions.

ANS. Stewart McKinney

2. An Olympic decathlete, he finished 6th behind Bill Toomey in the 1968 games. Later he became an immunologist and founded the Gay Games.

ANS. Tom Waddell

3. He was an influential Broadway director and won a Pulitzer Prize for A Chorus Line.

ANS. Michael Bennett

BONUS 20 PTS. According to the 2nd Law of Thermodynamics, does the state of entropy of a closed system tend to increase, decrease or remain the same, 10 pts

ANS. Increase

For another 10 pts. is entropy a measure of the relative evenness or unevenness of dispersion of elements within a system?

ANS. Evenness

BONUS 30-20-10 Identify this play.

1. It has inspired such works as Milton's Comus, an incomplete opera by Mozart, and W.H. Auden's The Sea and the Mirror.
2. The science fiction film Forbidden Planet was also inspired by it.
3. This Shakespearean work was itself inspired by the shipwreck of the Sea Venture off the coast of Bermuda in 1609.

ANS. The Tempest

UTC BONUSES

BONUE 20 PTS. Perhaps you learned in Sunday School how David, the future King of Israel, slew Goliath, the Philistine giant. But, for 10 pts. each, can you tell me in what book and chapter in the King James Bible the confrontation is described?

ANS. 1st Samuel Chapter 17

BONUS 30 PTS. Three NFL quarterbacks, all now retired, still lead the league in most consecutive passes without an interception. For 10 pts. each, who are these three, each of whom three more than 200 consecutive passes without an interception?

ANS. Bart Starr, Milt Plum, Roman Gabriel

Bernie Kosar also
now 1991