

Perpetual Motion IV Extra Tossups

In "Sweeney Redivivus" he retells the story of "Sweeney Astray," the Irish tale which he translated into English. In "Station Island" he puts into poetry a sequence of dream encounters with familiar ghosts, which the narrator experiences while undertaking a modern version of a pilgrimage. The poem asks questions about the political role of the poet, set against the backdrop of the troubles in Northern Ireland. FTP, name this poet, a winner of the Nobel Prize in Literature.

Ans: Seamus HEANEY

He now lives in Canada, but in his autobiographical memoir "Running in the Family," this author recounts his family history, on the occasion of a visit to his native Sri Lanka. He himself is of Dutch ancestry, and has become one of the most acclaimed writers in the English language, with works such as "The Collected Works of Billy the Kid" and "In the Skin of a Lion." FTP, name this winner of the Booker Prize for "The English Patient."

Ans: Michael ONDAATJE

In 1935 this author was made principal of the Diepkloof Reformatory school, and was considered the leading authority on penal reform in his country. He toured Scandinavia to do a study of prisons, and it was in Norway that he began to write his most famous novel, set in the rural village of Ixopo where he had taught for three years. FTP, name this South African author of "Too Late the Phalarope," "Ah, But Your Land Is Beautiful," and the novel which retells the story of King David and Absalom in the form of Steven and Absalom Kumalo.

Answer: Alan PATON

He probably comes from Asteroid B-612, seen only once through a telescope by a Turkish astronomer. He wants sheep for his world to eat the baobabs before they overtake the world. And he was able to tell that Drawing Number One was an elephant inside a boa constrictor. FTP, name this fictional character, the creation of Antoine de Saint Exupery.

Ans: THE LITTLE PRINCE, or LE PETIT PRINCE

The 1964 Good Friday Earthquake in this city was the strongest ever recorded in North American history. Located on a triangle of land bounded by the Turnagain and Knik Arms of the Cook Inlet and the Chugach Mountains.

Early names for this city included Ship Creek and Woodrow. The home of Elmendorf Air Force Base, its location made it important in air travel, and its airport is known as the "Air Crossroads of the World." FTP, name this city of about 250,000, home to college basketball's Great Alaska Shootout.

Answer: ANCHORAGE, Alaska

Along with his good friend Josef Hofmann, he was the dominant pianist of his day. He began his concert career rather late in life out of economic necessity, having preferred to conduct and compose instead. Everywhere he went he was dogged by the popularity of his Prelude in C-sharp Minor, which he was requested to play at every turn. FTP, name this Russian pianist and composer, who left a number of recordings before his death in 1941, who you may know better as composer of "Rhapsody on a Theme by Paganini"

Ans: Sergei RACHMANINOFF

William Macbeth, a New York art gallery owner, was convinced that better things were being produced than what was being shown at the National Academy, so with the help of his friend Arthur Davies he organized an exhibition of contemporary American painters in 1908. The artists displayed included Robert Henri, George Luks, John Sloan, William Glackens, Everett Shinn, Ernest Lawson, Maurice Predergast, and Davies. FTP, this exhibition introduced what school of American realist painting?

Ans: THE ASHCAN SCHOOL or THE EIGHT (accept EIGHT AMERICAN PAINTERS before the FTP prompt)

We. . . Having undertaken for the Glory of God, and Advancement of the Christian Faith, and the Honour of our King and Country, a voyage to plant the first colony in the notrhter Parts of Virginia; do by these Presents, solemnly and mutually in the Presence of God and one of another, covenant and combine ourselves together into a civil Body Politick, for our better Ordering and Preservation, and Furtherance of the Ends aforesaid. FTP, this statement comes from what document, signed in November 1620 somewhere off the coast of Cape Cod.

Ans: MAYFLOWER COMPACT

He inherited only the small principality of Ferghana, but this descendent of Tamerlane and Chingis Khan quickly rose to military dominance in Afghanistan, utilizing traditional horse-mounted archers as well as new gunpowder weapons and tactics adapted from the Ottoman Turks. His greatest military victory was at the 1526 battle of Paripat, in which he crushed the Muslim sultanate of Delhi and solidified his control over northern India. FTP, identify this founder of the Mughal Empire.

Ans: BABUR or BABAR

It was said that this man was Humphry Davy's greatest discovery. He developed the basic vocabulary of electrochemistry, introducing the terms anode, cathode, ion, electrolyte, and electrolysis. His is probably best known for his work in physics, however. In 1821 he produced the first electric motor. FTP, name this scientist, for whom the SI unit of capacitance is named.

Ans: Michael FARADAY

This two-word term describes the type of allopatric speciation by which Darwin's finches evolved in the Galapagos Islands. It is defined as the emergence of numerous species from a common ancestor introduced to an environment presenting a diversity of new opportunities and problems. Thus, Darwin's finches exhibit a variety of beaks specialized for different types of food. FTP, give this term, which sounds as though it may be describing a cause of mutation.

Ans: ADAPTIVE RADIATION

In 1790, Jeremy Bentham created a plan for this type of building which he named the Panopticon. The Panopticon was never built during his lifetime,

but the design served as the prototype for many later structures of this kind. American designs include the Pennsylvania System, the Auburn System, the radial cruciform, and the telephone pole, each designed to maximize lines of sight or to isolate the residents. FTP, name this type of building, famous examples of which include The Tombs, Sing Sing, and Alcatraz

Ans: PRISONS, or JAILS

Published in 1980, in the aftermath of the energy crises of the 1970's, this short economic book claimed that slow growth in the United States economy was a result of political and social forces which created a system in which necessary redistributions of wealth could not take place. FTP, name this Lester Thurow work, in which he claims that American society resembles a game in which losses equal winnings.

Answer: _The Zero-Sum Society_

The action of this novel probably takes place in the real-life towns of Manhasset and Great Neck. Characters include Meyer Wolfsheim, who allegedly fixed the 1919 World Series, and Jordan Baker, a semi-professional golfer. The eyes of Doctor T.J. Eckleburg also figure prominently in this story of frustrated desire. FTP, name this novel, narrated by Nick Carraway, and written by F. Scott Fitzgerald.

Answer: _The Great Gatsby_

She was born in Eatonville, Florida, the only incorporated, all African-American town in America, in 1891. She received her Associates' Degree from Howard University, and went on to study anthropology at Barnard College with Franz Boas. However, she made her mark in literature, not anthropology. Works include the essay, "How It Feels to Be Colored Me," her first novel, *Jonah's Gourd Vine*, and her autobiography, *Dust Tracks on a Road*. FTP, name this African-American author, whose grave Alice Walker discovered in 1973, the author of *Their Eyes Were Watching God*.

Answer: Zora Neale _Hurston_

It was July 30, 1864. Grant's army lay in siege around the town of Petersburg. A week earlier, the 48th Pennsylvania, a regiment which had many coal miners, had begun work on a tunnel 511 feet long, extending under Confederate lines, and into which they placed 4 tons of gunpowder. The hole resulting from the explosion measured 170 feet long by 60 feet wide by 30 feet deep, more than enough room for the Yanks to breakthrough, but bad Union leadership allowed the Confederates just enough time to regroup. FTP, name this infamous battle, aptly named for its most prominent feature.

Answer: Battle of the _Crater_

Of them, Capaneus, Eteocles, Hippomedon, Parthenopaeus, Tydeus lay dead and unburied. Polyneices had been buried at the price of his sister Antigone's life. Only Adrastus remained alive to plead for the assistance of Theseus, King of Athens, in convincing Creon to allow the five unburied warriors to

be put to rest. FTP, name this group of men, whose story is told in Euripides' play "The Suppliants" as well as in a play by Aeschylus.

Ans: the SEVEN AGAINST THEBES. (prompt on an early ring with "The Suppliants")

He was in Berwickshire, Scotland with Sir James Hall and John Playfair in 1788, where he visited Siccar Point. There he saw the Old Red Sandstone resting upon the upturned edges of older rocks, which he called Primary Strata. This exposure proved that the older rocks had been uplifted, deformed, and eroded before the deposition of secondary strata, a phenomenon now known as angular unconformity. FTP, identify this geologist, who in 1785 proposed the principle of uniformitarianism and shattered long-held conceptions about the nature of geologic time.

Ans: James HUTTON

This theorem has existed in various guises since the 17th century, but it was not until 1748 that it gained prominence, when Jean d'Alembert tried but failed to give a proof of it. In honor of his effort, one of the intermediary results in its proof was named after him. In the 18th century, the theorem was merely a conjecture. Goldbach doubted its validity, but Euler came close to proving it in 1749. Finally, in 1799, Carl Gauss provided the first reasonably complete proof. FTP, name this theorem, which guarantees that n -th degree polynomials with complex coefficients can be factored into the product of n linear terms with complex coefficients.

Ans: FUNDAMENTAL THEOREM OF ALGEBRA

In 1660, he took a glass U-shaped tube closed at one end and filled it with mercury, trapping some air in the closed end. Then, with a simple meter stick and a barometer, he was able to measure the volume of the gas trapped as the pressure the sample of air varied. FTP, name this British natural philosopher, who showed that volume varies inversely with pressure at constant temperature.

Ans: Robert BOYLE

Perpetual Motion IV
Extra Bonuses

Identify the authors of the following works about women for ten points each

a) The Yellow Wallpaper, a short story

Ans: Charlotte Perkins GILMAN

b) Trifles, a one-act play

Ans: Susan GLASPELL

c) The Handmaid's Tale

Ans: Margaret ATWOOD

Nathaniel West only wrote four novels in his lifetime. For five points each, name them.

Ans: THE DAY OF THE LOCUST

MISS LONELYHEARTS

THE DREAM LIFE OF BALSIO SNELL

A COOL MILLION

West died in a car accident in 1940 while he was travelling to the funeral of his neighbor. Name this literary neighbor, author of The Beautiful and the Damned and Tales of the Jazz Age.

Ans: F. Scott FITZGERALD

It was May 22, 1856. Missourians had just set fire to a town in Kansas. The senator from Massachusetts had delivered a speech two days earlier titled "The Crime against Kansas."

a) For five points, who gave the speech?

Ans: Charles SUMNER

b) For ten points, what senator from South Carolina did Sumner attack in his speech?

Ans: Andrew Pickens BUTLER

c) For five points, what nephew of Butler attacked Sumner on the floor of the Senate with a cane?

Ans: Preston BROOKS

d) For ten points, what Kansas town had been burned the day before the incident?

Ans: LAWRENCE

Within the Mediterranean Sea are several smaller "seas." For five points each, name the six seas which you can find between the Strait of Gibraltar and the western end of Crete

Ans: ALBORAN

BALEARIC

LIGURIAN

TYRRHENIAN

ADRIATIC

IONIAN

Name the President given the name of an alleged lover for ten points, five points if you need his wife's maiden name.

a) 10 pts. Judith Exner

5 pts. Jacqueline Bouvier

Ans: John F. KENNEDY

b) 10 pts. Betsey Walker

5 pts. Martha Wayles Skelton

Ans: Thomas JEFFERSON

c) 10 pts. Kay Summersby

5 pts. Marie Geneva Doud

Ans: Dwight D. EISENHOWER

Name the artists of the following unrelated works of art for five points each. Self-portrait. Just kidding.

a) The Brooklyn Bridge

Ans: JOSEPH STELLA

b) Thirty-six Views of Mount Fuji

Ans: HOKUSAI Katsushika

c) Le Moulin de la Galette

Ans: Auguste RENOIR

d) Death of General Wolfe

Ans: Benjamin WEST

e) School of Athens

Ans: RAPHAEL

f) Spiral Jetty

Ans: Robert SMITHSON

(note: Spiral Jetty is in the Great Salt Lake)

Do you know where the lost tribes of Israel are? For five points each, which two tribes were not scattered?

Ans: JUDAH and BENJAMIN

For five points each, which two sons of Joseph were adopted by Jacob as his own?

Ans: EPHRAIM and MANNASEH

For ten points, which sci-fi TV show told the story of the restoration of the lost tribes of Israel in a futuristic setting?

Ans: BATTLESTAR GALACTICA

Here's a question about the development of Maxwell's Equations. For five points, name the law derivable from the law of Biot and Savart which is the magnetostatic analogue to Gauss' Law in electrostatics, and which was first advanced by the scientist for whom the SI unit of current is named.

Ans: AMPERE'S law

For ten points, Maxwell adjusted this equation for non-steady currents by introducing this type of current into the equation.

Ans: DISPLACEMENT current

For fifteen points, Maxwell's equations were cast into their present elegant form by this engineer, who also developed the techniques of the Laplace transform and whose name is often given to the unit step function.

Ans: Oliver HEAVISIDE

For ten points each, given a definition, tell whether it describes an acid or a base, and under which theory of acids and bases it falls. Both parts are necessary to get points.

a) A molecule or ion which accepts a proton in a proton transfer

Ans: BRONSTED-LOWRY BASE

b) An electron pair donor

Ans: LEWIS BASE

c) A substance in solution which produces an excess of H^+ ion.

Ans: ARRHENIUS ACID

I'll give you two Shakespearean quotes with blanks. For each quote, supply the one word that fills all of the blanks, the speaker, and the play, five points per part.

a) A (blank) come to judgment! Yea, a (blank). O wise young judge, how I do honor thee!

Ans: DANIEL, SHYLOCK, THE MERCHANT OF VENICE

b) Some are born (blank), some achieve (blank)ness, and some have (blank)ness thrust upon them.

Ans: GREAT, MALVOLIO, TWELFTH NIGHT

For ten points each, what language would you be studying if you consulted the following reference works?

a) Wheelock's Grammar Ans: LATIN

b) Nelson's Dictionary Ans: JAPANESE

c) Robert-Collins Dictionary Ans: FRENCH

Identify the following South American liberators for ten points each.

a) He was a Venezuelan who served with the French in the American Revolution. He failed in an attempt to start a revolt in Venezuela in 1806, but returned in 1810, acting briefly as dictator until he lost British backing.. He died in a Spanish prison in 1816.

Ans: Francisco Antonio Gabriel MIRANDA

b) Born in Argentina, he fought for the Spanish from 1789 to 1811. In 1817 he invaded Chile with 4,000 men, and with Bernardo O'Higgins defeated the Spaniards at Chacabuco in 1817. In 1821 he occupied Lima and Callao and became protector of Peru.

Ans: Jose Francisco de SAN MARTIN

c) He took Quito in May, 1822, as lieutenant under Bolivar. After Bolivar cleared the Spaniards out of Peru in 1824, this general organized Bolivia and acted in place of Bolivar, defeating the Spanish faction of Peru at Ayacucho in December of 1824.

Ans: Antonio Jose DE SUCRE

Identify the English poets who made the following phrases famous:

a) for five points, "Sweetness and light"

Ans: Matthew ARNOLD

b) for ten points, "Poets are the unacknowledged legislators of the world"

Ans: Percy Bysshe SHELLEY

c) for fifteen points, the terms "sprung rhythm, inscape, and instress"

Ans: Gerard Manley HOPKINS