

ROUND 7: Questions by Chicago and PSUdonymous

TOSSUP 1

The prefatory letter to this work advises the reader that it uses machinery based on the Rosicrucian doctrine of spirits. It was written at the behest of John Caryll. Its heroine takes a boat to Hampton Court Palace, beats the Baron at a game of Ombre (OM-ber), and seeks solace with Thalestris after losing something precious. This "heroi-comical poem in five cantos" was finished in 1717 and presented to Arabella Fermor to console her after Lord Petre took something from her. FTP, name this work of Alexander Pope.

Answer: The RAPE OF THE LOCK

TOSSUP 2

He began his career as quaestor under Marius in Africa, where he soon incurred Marius's jealousy by his capture of Jugurtha. He won the consulship in 88 after his successful generalship during the Social War. Declared a public enemy while subduing Mithradates in Asia, he returned to Italy in 83 and crushed the forces of Carbo. FTP, what man, who pioneered the use of proscriptions in his campaign against the equestrian class, ruled as dictator from 82 to 80 BC?

Ans: Lucius Cornelius SULLA

TOSSUP 3

Chevalley, Ehresmann, Weil (VILE), Cartan (car-TAWH), Dieudonne (dyeuh-don-NAY), and Eilenberg were among this group's founding members. All pledged to resign at age 50. Admirers of David Hilbert, they collaborated on Elements of Mathematics, beginning in 1939. They attempted to present modern mathematics in an entirely original form, focusing on its axiomatic nature. Their collective persona, whose last name was that of a disgraced French general of the Franco-Prussian war, was, FTP, what very model of a modern mathematician?

Ans: Nicolas BOURBAKI (bor-bah-KEE)

TOSSUP 4

Distributions do not have to begin at age 70, and withdrawals of earnings taken more than 5 years after they were made are tax free, along with all withdrawals made for first-time home purchases or higher education. Full contributions are only allowed for individuals or couples whose income is less than \$150,000. Only those with incomes under \$100,000 can roll-over funds from a traditional account to, FTP, what new kind of savings account named after the Delawarean chair of the Senate Finance Committee?

Ans: ROTH Individual Retirement Account or ROTH IRA
(prompt on Roth, do not prompt on just IRA; all of the above clues are different from the traditional IRA.)

TOSSUP 5

"We all have role models, and he's mine." said this centerman of Brian Trottier after passing him to move into 10th place on the career points list of the NHL. Raised in Ottawa, he was selected fourth in the 1983 entry draft as an underage player. No longer a 100-point per season scorer, he is now a better all-around player and team captain. For ten points, name the 1998 Conn Smythe trophy winner from the Detroit Red Wings.

ANSWER: Steve _YZERMAN_

TOSSUP 6

When a group of men led by William MacKenzie rebelled in Upper Canada, demanding a more democratic government, such was the sympathy engendered for their cause in the United States that a group of American citizens outfitted this small steamer to ferry men and supplies to the rebels. On December 29, 1837, a group of British and loyal Canadians crossed the Niagara River, set the ship ablaze, and sent her over the falls. FTP, name the ship and you'll name the Affair that greatly strained US-British relations in the years before the Webster-Ashburton Treaty.

Ans: _CAROLINE_

TOSSUP 7

The title character is loved by Kaja Fosli, who works as his bookkeeper and who is the niece of Knut Brovik, his assistant. Ten years to the day after the title character first met Hilda Wangel, she comes to meet him and claim the kingdom she says he promised her as a child. It ends with Hilda and Ragnar staring at a newly completed church from which the title character, Halvard Solness, has just fallen to his death. FTP, name this work by Henrik Ibsen.

Answer: The _MASTER BUILDER_

TOSSUP 8

In the Western Hemisphere, it only crosses land over Mexico and the Bahamas. Continuing eastward, it passes over Western Sahara before crossing a host of African countries and then Saudi Arabia, India, Bangladesh, Myanmar, China, and Taiwan. FTP, what line, at approximately 23 degrees, 27 minutes north, marks the sun's northernmost declination?

Ans: _TROPIC OF CANCER_

TOSSUP 9

All three of these mythological characters have the same name. The first was a faithful dog who after 17 years still recognized his master, Odysseus. The second was the master shipbuilder who constructed a remarkable vessel for Jason. The third was the servant sent by Hera to guard Zeus's mistress Io after she had been changed into a cow; his hundred eyes now appear on the peacock's tail. FTP, give the shared name.

ANSWER: _ARGUS_

TOSSUP 10

In their inactive state, these trimeric proteins are bound to seven-helix transmembrane receptors. During activation, these proteins release GDP and bind to GTP, allowing the enzyme to disassociate into GTP-bound alpha subunit and a combined beta/gamma subunit, either one of which can activate enzymes such as adenylate cyclase that produce secondary messengers. Gilman and Rodbell won the 1994 Nobel Prize for discovering, FTP, what macromolecules which function in many signal transduction pathways?

Ans: G anyl nucleotide-binding PROTEINS or G PROTEINS)

TOSSUP 11

As a young man he was exiled to Siberia for plotting the assassination of Tsar Alexander the Third. On his return in 1892, he joined the Polish Socialist Party and began organizing militant anti-Russian groups. After the outbreak of World War I, he commanded the Polish Legions. In 1918, he proclaimed himself head of state and directed the invasion of Russia. Though he retired in 1922, he led a coup in 1926 and ruled as virtual dictator until his death. FTP, name this leader of inter-war Poland.

Ans: Joseph PILSUDSKI

TOSSUP 12

As a youth in turn-of-the-century Vienna, he had no formal musical instruction until the age of 19. His mature 12-tone style is best seen in his 1927 Lyric Suite and his unfinished opera Lulu, which combine great technical intricacy with the rich expressionism of Austrian romanticism. His masterpiece, the 1925 opera Wozzeck, is written in a free atonal style. FTP, name this pupil and lifelong friend of Schoenberg.

Ans: Alban BERG

TOSSUP 13

A matrilineal society divided into subgroups known as the Raven and the Eagle, these North American indigenous people were traditionally expert seafarers in their huge dugout canoes. Living on British Columbia's Queen Charlotte islands and Alaska's Prince of Wales island, their art is highly sought after. For ten points, name this nearly extinct people famed for their totem poles.

ANSWER: HAIDA

TOSSUP 14

James Agee got the title for his first collection of verse, Permit Me Voyage, from the third poem of this man's "Voyages" series. Harold Bloom got the title for The Visionary Company from his poem "The Broken Tower." His verse collections include White Buildings, Key West, and a long poem published in 1930. This poet of "My Grandmother's Love Letters" and "At Melville's Tomb" also wrote an epic vision of

America whose parts include "Van Winkle," "Ave (AH-vay) Maria," "Cape Hatteras," and "The Harbor Dawn." FTP, name this author of The Bridge.

Answer: Hart CRANE

TOSSUP 15

Females of this mammal of the family Dasypodidae bear one to 12 identical young, which develop from a single fertilized egg. Tropical and sub-tropical critters, they are the only animals besides man that can contract leprosy. A Texas liberal once named dead ones as the only thing found in the middle of the road besides yellow lines. They have short legs, strong, curved claws and protective armour. FTP, name these animals.

ANSWER: ARMADILLOS

TOSSUP 16

This book tells of the aftereffects of Lilia Herrington's marriage to a young Italian. She dies in childbirth and her relatives rush off to "rescue" her child and be brought up properly in England. Her husband Gino Carelli refuses to give up his son, and Harriet kidnaps the baby. However, her carriage overturns and the baby is killed. This is the plot of, FTP, what first book by E. M. Forster?

ANSWER: WHERE ANGELS FEAR TO TREAD

TOSSUP 17

The stormy yellow sky dramatically lights the work, which is set on a stormy sea. A tiny ship is on the horizon in the upper left, which the people in the painting dramatically attempt to try to attract. They are all huddled aboard a makeshift craft with a single square sail. FTP, name this painting based on the tragic voyage of a French ship by Theodore (TEY-oh-dore) Gericault (ZHAIR-ee-coe).

ANSWER: The RAFT OF THE MEDUSA

TOSSUP 18

He was governor of Pennsylvania from 1923 to 1927 and from 1931 to 1935, but he is better known for service on the federal level. He helped to found the Yale school of forestry and served on numerous conservation commissions. His public criticism of Interior Secretary Richard Ballinger led to his dismissal by President Taft in 1910 and helped to widen the split between Taft and Theodore Roosevelt. FTP, name this Progressive and first head of the Forest Service.

Ans: Gifford PINCHOT ("pin-CHOE")

TOSSUP 19

...my worst fears are realized, the damage is more extensive than I ever imagined. I must get everyone off [this place] as soon as possible, before its total collapse. The problem now is my father. My dear Catherine, what will be her fate... if he's still the same? I'm afraid it

will take more than I, Atrus, to outwit Gehn... So begins, FTP, what game created by Cyan's Rand and Robyn Miller as the sequel to Myst?

ANSWER: _RIVEN_

TOSSUP 20

In math, if a is congruent to b modulo m then b is called this of a modulo m. It can also mean the constant in the first term of a Laurent series expansion. In law it means the part of a testator's estate remaining after the satisfaction of all debts. In chemistry it is a constituent structural unit of a usually complex molecule. For ten points, name this term which commonly means something that remains after one part is taken.

ANSWER: _RESIDUE_

TOSSUP 21

The ICAO has said that its code ought to be LLGZ, following international convention, but its supporters have pushed for LVGZ, with the V standing for "victory" in place of the international code for the occupying country. Security will be tight, but not as tight as at Ben-Gurion, which is 150 miles to the north. FTP, what new facility just southeast of Raffah will serve as the nascent Palestinian Authority's air transportation center?

Ans: _GAZA_ International _AIRPORT_

TOSSUP 22

This unit is used almost exclusively in the United States, and even here only in engineering. It is used in calculations where the expansion of gases and the second law of thermodynamics is important, just as the Kelvin scale is used in the metric system. For ten points, identify the absolute temperature scale derived from the Fahrenheit scale as degrees Fahrenheit plus 459.67.

ANSWER: _RANKINE_ temperature scale, or degrees _RANKINE_

TOSSUP 23

He resisted the temptations of the daughters of Mara, and Mara's final weapon, a fiery discus, was transformed into a garland of flowers when it was thrown at him. He was born in the grove of Lumbini, where he emerged from the right side of his mother Queen Maya, and his father, King Suddhodana, kept him from any knowledge of the world until he was 29. FTP, identify this mythical religious leader who received enlightenment after sitting under a Bo tree.

Answer: the _BUDDHA_ or Gautama _SIDDHARTHA_

BONI

BONUS 1

Identify the author, 30-20-10.

(30) His short works include _Of the Horrible Danger of Reading_ and the _Conversation of Lucian, Erasmus and Rabelais (rabble-AY) in the Elysian Fields_.

(20) His philosophical works include a commentary on Beccarria's _Of Crimes and Punishments_ and the _Treatise on Tolerance_, while his historical works include _The Age of Louis XIV_.

(10) His fiction includes _Zadig_, _Micromegas_, and a short novel subtitled "Or Optimism."

Answer: _VOLTAIRE_ or Francois-Marie _AROUET_

BONUS 2

Identify these "M"-initialed gods, for the stated number of points.

1. 5 points: The son of Ea, he assumed control of the Babylonian gods after defeating Tiamat.

Answer: _MARDUK_

2. 10 points: She was the daughter of Re and the Egyptian goddess of truth. She wore an ostrich feather which she put on one side of the balance used to judge the souls of the dead.

Answer: _MAAT_

3. 15 points: This god of Tyre was the Canaanite Hercules. Like the classical hero, he died of fire, and his annual return from the dead was celebrated during a January festival.

Answer: _MELQART_

BONUS 3

FTPE, given the leader, name the country whose government he or she leads.

1. Jenny Shipley

Ans: _NEW ZEALAND_

2. Eduardo Frei (FRAY)

Ans: _CHILE_

3. Jose Maria Figueres

Ans: _COSTA RICA_

BONUS 4

Answer these questions about the Greeks' version of number theory, FTPE.

A. What did the Greeks call numbers such as 6 and 28 whose factors add up exactly to the number itself?

Ans: _PERFECT_

B. A number like 12 whose factors add up to more than the number itself is given this name.

Ans: _ABUNDANT_

C. What is the term for a number like 10 whose factors add up to less than the number itself?

Ans: _DEFICIENT_

BONUS 5

I hope you know that this will go down on your permanent record. FFPE, 30 for all four, given the number of the pill from the Violent Femmes' "Kiss Off," give Gordon Gano's reason for taking it.

A. one

Ans: 'cause _YOU LEFT ME_

B. five

Ans: for my _LONELY_

C. eight

Ans: _I FORGET WHAT EIGHT WAS FOR_

D. ten

Ans: for _EVERYTHING EVERYTHING EVERYTHING EVERYTHING_

(grudgingly accept _EVERYTHING_)

BONUS 6

Identify the battles of the Carolina campaign from the Revolutionary War from brief descriptions FTPE.

1. On August 17, 1780, British forces under Cornwallis routed the Americans and forced the shameful flight of Horatio Gates.

Ans: _CAMDEN_

2. This remarkable October 7, 1780 skirmish saw American frontier riflemen led by Isaac Shelby, John Sevier (se-VERE), and William Campbell force the surrender of a British raiding party under Patrick Ferguson. It gave new hope to the rebels in the South after Camden.

Ans: _KINGS MOUNTAIN_

3. This March 15, 1781 battle saw Cornwallis win a hollow victory over American troops under Nathaniel Greene; subsequently Cornwallis retreated to Wilmington and then to Virginia.

Ans: _GUILFORD COURTHOUSE_

BONUS 7

Identify the Roman Emperors who launched persecutions of the early Christians from brief descriptions FTPE.

1. Otherwise known as a virtuous emperor, he believed Christians to be the natural enemies of the Empire. He reigned from 161 to 180.

Ans: _MARCUS AURELIUS_

2. He launched a persecution at the very end of his reign in 305. He is otherwise known as the first to formally divide the Empire.

Ans: _DIOCLETIAN_

3. Though his reign lasted only two years, from 249 to 251, his attempt to revive the state religion took the form of a vigorous Christian persecution.

Ans: _DECIUS_

BONUS 8

Identify the authors of these sonnet sequences from the first line of the first sonnet in the sequence for 15 points, or from the name of the sequence for 5 points.

1. 15 points: "Happy ye leaves when as those lilly hands"

5 points: _Amoretti_

Answer: Edmund _SPENSER_

2. 15 points: "Loving in truth, and fain in truth my verse to show"

5 points: _Astrophil and Stella_

Answer: Sir Philip _SIDNEY_

BONUS 9

Give the last name of the illustrious French family from descriptions of family members, 30-20-10.

30) Sadi, son of Hippolyte, was President of the Third Republic from 1887 to 1894 before he was assassinated by an Italian anarchist.

20) Lazare was a member of the Committee of Public Safety and the Directory. Trained as a military engineer, he advocated the active defense and was renowned for his *De la Defense des Places Fortes*.

10) Nicolas published *Reflexions sur la Puissance (PWEE-sance) Motrice (MOE-trees) du Feu* in 1824. His eponymous cycle showed that even under ideal conditions a heat engine cannot convert 100% of heat energy into mechanical energy.

Answer: _CARNOT_

BONUS 10

Given a description, name the type of chamber, FTPE.

A. In this type of chamber, which is filled with water vapor and dust-free air, the tracks of subatomic particles appear as trails of water droplets.

Ans: _CLOUD_ chamber

B. An electric field is generated in this type of chamber by the application of electrodes to opposite sides of the gas-filled chamber.

Ans: _ION_ chamber

C. This type of chamber, reversing the phases of the cloud chamber components, follows subatomic particles in a trail of gas in liquid.

Ans: _BUBBLE_ chamber

BONUS 11

Identify the following notable compositions by Sir Arthur Sullivan FTPE.

1. An adaptation of Maddison Morton's popular comedy *Box and Cox*, this was Sullivan's first comic opera.

Ans: _COX AND BOX_

2. One of his earliest compositions was the 1862 incidental music to this Shakespeare play.

Ans: The _TEMPEST_

3. Aside from his comic operas, his only lasting fame rests on his 1871 tune for this hymn.

Ans: _ONWARD, CHRISTIAN SOLDIERS_

BONUS 12

Vive le Quebec libre! With those words, Charles de Gaulle opened the Pandora's Box of Quebec separatism, and thirty-two years later Canada has yet to close it. Answer the following questions about the history of the separatist movement FTPE.

a. In which year, within three, did the separatist Parti Quebecois (hay-bec-WAH) come to power in Quebec?

Answer: _1976_ (accept 1973-1979)

b. A little over three months after taking office, the PQ passed a controversial bill setting French as Quebec's primary language and empowering the police to issue fines for violations. What was this bill?

Answer: _BILL 101_ (passed 101 days after taking office)

c. Separatists insist that Quebec could remain part of Canada if a certain two word phrase were inserted into the Constitution. Voters elsewhere in Canada have vetoed this change twice in the 1990s. What English phrase would be used to describe Quebec?

Answer: _DISTINCT SOCIETY_

BONUS 13

For the stated number of points, answer these questions about a physical constant.

a) This dimensionless constant is so close to 1 over 137 that Arthur Eddington published a paper explaining its value numerologically in terms of the number of protons in the universe. For ten points, name this constant, symbolized by the letter alpha, which relates the relative splitting of spectral lines due to electron spin and electron orbital momentum.

ANSWER: _FINE STRUCTURE_ constant

b) The fine structure constant is normally given as the ratio of three OTHER fundamental constants. For 5 points each and a bonus 5 for all correct, name them. You need not give the ratio.

ANSWER: _e_, or the _CHARGE of an ELECTRON_ or _PROTON_
c, or the _SPEED OF LIGHT_ in a vacuum
h (or _h_-bar), or _PLANCK'S CONSTANT_

(note: $\alpha = e^2/(\hbar c)$ in CGS units)

BONUS 14

Ever read Karl Marx's "Das Kapital"? Good for you. Answer these questions about it for ten points each.

(a) Marx stated that capital accumulation takes place by the extraction of this, which is defined as the difference between the price of the product and the cost of the labour used to manufacture the product.

ANSWER: _SURPLUS VALUE_

(b) Not all the ideas in "Das Kapital" are Marx's; for example, he adopted the Iron Law of Wages from this British economist.

ANSWER: David _RICARDO_

(c) Marx died before he can finish "Das Kapital". It was completed by his friend and collaborator Engels, and it was Engels who advocated the adoption of this kind of economy.

ANSWER: _PLANNED_ Economy

BONUS 15

You just got to love those zany plants. Answer these questions about things that make plants grow a particular direction FTPE.

a. This is the growth of a plant in response to light.

ANSWER: _PHOTOTROPISM_

b. The growth of a plant in response to gravity.

ANSWER: _GRAVITROPISM_

c. Growth of a plant in response to contact with a solid object, as exhibited by tendrils.

ANSWER: _THIGMATROPISM_

BONUS 16

Given a top international soccer team, name the city in which it plays FTPE.

1. Arsenal

Ans: _LONDON_, England

2. Ajax (pronounced EYE-ax)

Ans: _AMSTERDAM_, the Netherlands

3. Juventus (you-VENT-us)

Ans: _TURIN_, France

BONUS 17

Name James Fenimore Cooper's Leatherstocking tales from a brief description, 10 points each.

a. The last tale to be written, this book is set in Lake Otsego, NY. Young Natty Bumpo and his friend Hurry Harry March live with the Delaware Indians and fight the Hurons with the British.

ANSWER: The _DEERSLAYER_

b. The story takes place on Lake Ontario in 1760, where Natty Bumpo gives up the hand of Mabel Dunham to Jasper Western, her true love.

ANSWER: The _PATHFINDER_

c. This tale revolves around Cora and Alice Munro's attempts to join their father at Fort William Henry, but are hindered by Magua, the leader of the Hurons. They are helped by Natty Bumpo and Uncas, but Cora is killed at the climax by Magua, and Uncas dies trying to save her.

ANSWER: The _LAST OF THE MOHICANS_

BONUS 18

Give the architectural term from a brief definition for ten points each.

a. This is a sculptured female figure used as an architectural support.

ANSWER: _CARYATID_

b. In classical architecture, this is the recessed triangular area, also called a pediment, that is often decorated with sculpture.

ANSWER: _TYMPANUM_

c. This is a series of arches supported by piers or columns.

ANSWER: _ARCADE_

BONUS 19

Identify these unfortunate political acronyms of the 1970s FTSNOP.

(10) This group, allied with Richard Nixon, organized the Watergate break-in in 1972.

Answer: _C_ommittee to _RE-E_lect the _P_resident or _CREEP_

(10) President Ford tried to keep prices down with this voluntary program in which Americans saved more of their income, grew their own vegetables, and wore colorful buttons. He lost. Name the program.

Answer: _W_hip _I_nflation _N_ow or _WIN_

(10) In 1977, President Carter used a four word phrase to describe the need for energy conservation. His opponents noticed that the first letters of each word spelled out a sound associated with a common household pet. Give the acronym.

Answer: _M_oral _E_quivalent _O_f _W_ar or _MEOW_

BONUS 20

Name these Central American countries, for the stated number of points.

a) Only two Central American countries don't border both the Pacific Ocean and the Caribbean Sea. Name them for 5 points each.

ANSWER: _BELIZE_ and _EL_SALVADOR_

b) Central America, being long and narrow, consists mostly of a chain of countries. There are two countries, however, which have land borders with more than two other countries. Name them for ten points each.

ANSWER: _GUATEMALA_ and _HONDURAS_

BONUS 21

Answer the following questions about an ancient comedy for the stated number of points.

a. FTP, name the play that tells the tale of Dionysus and his slave Xanthias's journey to Hades to bring back a playwright since Dionysus had grown weary of the lack of inspiring dramatists.

ANSWER: THE FROGS

b. Now, for ten more, name the author of The Frogs.

ANSWER: ARISTOPHANES

c. Finally, for five points each, name the playwright whom Dionysus initially intends to retrieve, and the playwright's rival, whom Dionysus eventually decides to return to earth with.

ANSWER: EURIPIDES and AESCHYLUS