

Freeze Your Buzz Off III  
Wichita State University

Questions by Canada (Nova Scotia, Manitoba, Prince Edward Island, British Columbia, New Brunswick) (with consultation by Rueben Boumtje-Boumtje) (and Baron von Rothschild) (not to mention Tasty Taste and Yo Highness) (i.e., Oklahoma A)

Tossups

1. A doctor named Griffin, he made a fascinating discovery in physics, but after testing the procedure on a piece of cloth and a cat, he found out the hard way that it could drive humans over the edge when he performed it on himself. After his transformation, he began a life of crime that consisted mainly of theft and assault. He expresses no qualms about these misdeeds and is attempting to kill Dr. Kemp when he is beaten to death by a mob at the end of the novel. FTP, name this fictional madman in a novel by H.G. Wells.

The Invisible Man

2. It was thirty years ago today that John Lennon married Yoko Ono at this place, which John referred to as "quiet, friendly, and British". Previously named Calpe and Jabal Tariq, it was acquired by England in the Peace of Utrecht. FTP, name this Pillar of Hercules which has long been a point of contention between Britain and Spain.

The Rock of Gibraltar

3. She was born Mary Isobel Catherine Bernadette O'Brien in 1939 in London. She first came to the US in the early 1960's as a member of a folk trio and changed her name to that of the group. Her career declined in the 70's and she battled drug and alcohol addiction. A collaboration with the Pet Shop Boys in 1987 gave her renewed success. FTP name this White Queen of Soul most famous for "Son of A Preacher Man".

Dusty Springfield

4. This Hapsburg emperor was a bit ahead of his time. In ten years, he abolished serfdom in Austria, reduced peasant obligations, abolished non-teaching religious orders, and set up state-run schools. He also declared an edict of toleration for all religions except Islam, legalized divorce, reformed local government, updated legal codes, and took over welfare programs. Unfortunately, his entire empire revolted in response to these sudden reforms. Guess you can't win 'em all, eh? FTP, name this Austrian emperor, the eldest son of Maria Theresa, who ruled from 1780 to 1790.

Joseph II

5. He was born in the village of Gbadolite on 14 October 1930, with a serviceable, if rather mundane name. After seizing power in his native country, he changed his name to mean "the all-powerful warrior who, because of his endurance and inflexible will to win, will go from conquest to conquest, leaving fire in his wake". An alternate translation is "the rooster who watches over ALL the hens." FTP, name this former African dictator known for his abacost clothing, eagle-topped walking stick, and his rakishly perched leopardskin cap.

Mobutu Sese Seko

6. This member of the Royal Society died in 1871. Lady Lovelace wrote that he hated music. He tolerated its more exquisite forms, but abhorred it as practiced on the street. He calculated that 25% of his working power had been destroyed by street nuisances, many of them intentional. His interest in trains led to his inventions of the cowcatcher and the standard railroad gauge. Today, he is famous for an entirely different kind of engine than a locomotive. The use of Jacquard punch cards, of chains and subassemblies, and ultimately the logical structure of the modern computer - all come from him. FTP, name the father of computing.

Charles Babbage

7. The title event occurs on board the tramp steamer Alice May. After the title character dies, the other member of his party, known only as the captain, drags his corpse around for days. Finally, he reaches Lake LeBarge, where he finds the steamer stuck in the ice. After firing up the boiler, the weirdness commences. FTP, name this poem by Robert Service in which the northern lights have seen queer sights, and is about a man from Plumtree, in Tennessee, who revives after being stuck in a furnace.

The Cremation of Sam McGee

8. The discovery that silicon was comprised of two distinct regions differentiated by the way in which they favored current flow lead to the development of this device. The area that favored positive current flow was named "p" and the area that favored negative current flow was named "n." More importantly, the engineers determined the impurities that caused these tendencies in the "p" and "n" regions and could reproduce them at will. With the discovery of the P-N junction and the ability to control its properties, the fundamental groundwork was laid for the invention of FTP, this device that is commonly used for switching in modern electronic devices.

Transistor

9. People will do a lot of things to relieve stress. Reactive mixtures are no different. However, for such a mixture, the stress is a change in concentration, pressure, volume or temperature that disturbs original equilibrium. FTP, name this chemical principle that states that if a stress is applied to a reaction mixture at equilibrium, equilibrium will shift to relieve the stress.

Le Châtelier's principle

10. The title characters, accompanied by twelve dogs, stand atop the hill on the left. The hill slopes down into the background to a small village around a series of ponds on which people are curling and skating, while forbidding cliffs rise up to the right and birds perch in the barren trees overhead. One of a series of paintings intended to depict changes in the seasons, name this work by Pieter Bruegel the Elder.

Hunters in the Snow

11. The icemaker from this building sold for a price reflecting the machine's actual cost, not its status as a piece of history. It's probably not really important, but it is the machine behind which an assassin hid before becoming infamous. FTP, name the hotel in Los Angeles from whence this icemaker came, made famous in June of 1968, when Sirhan Sirhan shot and killed Robert Kennedy.

The Ambassador Hotel

12. They are bordered by Victoria Island and Baffin Island to the South, the Arctic Ocean to the North, and Greenland to the East. Ellesmere, the largest island in the chain, is home to Alert, one of the northernmost cities of man. FTP, name this chain of islands in Canada, named after an English monarch of the seventeenth century.

Queen Elizabeth Islands

13. He's not Erle Stanley Gardner, but he wrote The Case of the Midwife Toad. He's not John dos Passos, but he wrote a fairly unremarkable trilogy consisting of The Sleepwalkers, The Act of Creation, and The Ghost in the Machine. He's not Ernest Hemingway, but he was a newspaper correspondent for the Spanish Civil War. Unfortunately, he wasn't an ambulance driver during World War I, although he did serve in the French Foreign Legion during WWII. FTP, name this British author famous for Arrival and Departure and Darkness at Noon.

Arthur Koestler

14. Two types of it are known: *Actinidia arguta* and *Actinidia chinensis*. Available year-round, this food is more than 700 years old, but it's only been available in the United States since the early 1960s. Its history began in the Yang-tse River valley, where it was called "Yangtao." Yangtao seeds were sent to New Zealand, where the fruit was given the name "Chinese Gooseberry." FTP, name this fruit that boosts 120% of a recommended daily amount of Vitamin C and which received its moniker from the flightless bird of the same name from New Zealand.

Kiwi

15. Chremylus consults the oracle at Delphi about his unjust destitution, which tells him to take home a decrepit old man that he will meet on his way home. Blinded by Zeus, the old man could no longer choose only those who deserved his presence. So Chremylus takes him home and promises to restore the geezer's sight if he would share his eponymous gift among the just. This draws the outrage and imploring of a paid informer, Hermes, and Poverty herself. She tries to convince Chremylus that she is necessary for human happiness, but to no avail in FTP what Aristophanes comedy?

Wealth

16. Two divisions, one under the command of Major Marcus Reno, and the other under the command of Frederick Benteen, located the village in the afternoon. Reno led the attack, was met by fierce resistance and heavy casualties, and had to retreat over what is now Reno Hill. Benteen's men joined them and together came under heavy fire. A third group was last seen heading into Medicine Tail Coulee. FTP, name this June 1876 battle in southern Montana.

Battle of the Little Bighorn

17. He was a Soviet physicist who became, in the words of the Nobel Peace Committee of 1975, a spokesman for the conscience of mankind. He was fascinated by fundamental physics and cosmology and contributed perhaps more than anyone else to the military might of the USSR. But gradually he became one of the regime's most courageous critics, a defender of human rights and democracy. FTP, name this man who spent two decades designing nuclear weapons and is regarded as the father of the Soviet hydrogen bomb.

Andrei Sakharov

18. About the time of the first and third quarters of the Moon, the gravitational forces of the Moon and Sun act on Earth at right angles, and each partially offsets the influence of the other. Consequently, the daily tidal range is diminished. FTP, name this type of tide.

Neap tide

19. This system starts with a thesis opposed to an antithesis, and out of this opposition a synthesis is formed. But since the truth lies only in the whole system, the first synthesis is not yet the truth of the matter, but becomes a new thesis with its corresponding antithesis and synthesis. The process continues ad infinitum until the Absolute Idea is reached. FTP, name this system of Hegel's to understand the universe.

Dialectic

20. He was a Swiss Protestant banker who carefully cultivated his position in society by encouraging his wife's salon and building a reputation for financial wizardry. He gained popular fame for a book advocating a controlled grain trade during the Flower War. When he resigned, he continued to write, and in 1785 produced a three volume work, *On Financial Administration*, defending his policies and laying bare the workings of the central government. FTP, name this Minister of the Treasury under Louis XVI, who helped to create the French Revolutionary Crisis by funding the Seven Year's War with loans.

Jacques Necker

21. He fled to the city after his mother was shot by a hunter. Fortunately finding a wealthy old benefactor, he proceeds to buy himself a suit, learn to drive a car, and receive lessons from a learned professor. He has no problem speaking English or living in a house, despite never having experienced either before. When his cousins come to town, he returns to the forest with them and becomes king of his tribe, since the old king died from eating a poison mushroom the day before. He marries his cousin Celeste, with the dromedary providing the wedding costumes. FTP, name this fictional king of the elephants.

Babar

22. In his youth he enjoyed shooting cats with a crossbow. When he wasn't terrorizing kitties he played German folk songs on the piano in the dives of Hamburg to help his family survive. In 1853 he met Franz Liszt, who praised his compositions, but in 1860 he signed a manifesto denouncing Liszt and his "Music of the Future". In 1862 he was rejected for a Hamburg conducting post and moved to Vienna. His work as a choral conductor led to his German Requiem. FTP, name this romantic composer of absolute music, most famous for the Academic Festival overture.

Johannes Brahms

23. In the Travis McGee series of detective novels, Meyer the economist names his new boat for this man after his old boat, the John Maynard Keynes was blown up. The author of *The Instinct of Workmanship* and *The Place of Science in Modern Civilization*, he worked at the universities of Chicago, Missouri, and Stanford. He advocated more governmental control in the economy and spoke often of the industrious and predatory classes of society. FTP, name this man most famous for "conspicuous consumption" and *The Theory of the Leisure Class*.

Thorstein Veblen

#### Bonuses

1. We all know that Shakespeare was in love, but can you name his pairs of characters who wanted to get some nooky, 5-10-15. (You must identify both).

5 He takes her as a wife in order to gain her money in *The Taming of the Shrew*.  
Petruchio and Katherine

10 She sees a man for the first time and falls in love with him in *The Tempest*.  
Ferdinand and Miranda

15 He chooses her picture from a leaden casket to win her hand in *The Merchant of Venice*.  
Portia and Bassanio

2. Identify the following sea battles in WWI. Oh wait, there was really only Jutland. Never mind; instead identify the following "C" battles FTP each. Hahaha.

a. This 1917 battle saw the first successful usage of tank warfare, as the British Mark IVs scared the sauerkraut out of the Germans and advanced five miles into the Hindenburg line.

Cambrai

b. The Italians were thrashed by the combined Austrian and German forces at this battle in 1917. A Farewell to Arms described the Italian retreat and its aftermath.

Caporetto

c. This French offensive (there's some redundancy) of 1917 was spectacularly ineffective in that the French lost three times as many troops as the defending Germans. Its name translates to "the road of the ladies".

La Chemin des Dames

3. Igneous rocks have textures. Honest. Identify the following about these insanely exciting types of rocks, FTP each.

a. When magma cools below the earth's surface, it forms these rocks with coarse textures. They have a mass of interlocking crystals large enough to distinguish with the unaided eye.

Phaneritic

b. Igneous rocks that reach the surface and cool quickly, they form crystals too small to be seen with the naked eye.

Aphanitic

c. These igneous rocks are formed when some large crystals reach the surface within the magma. The rapid cooling of the magma forms a matrix of groundmass around the larger phenocrysts.

Porphyritic

4. Three of the earliest known philosophers today were gentlemen from Miletus, a Greek colony in Asia Minor. Given clues, identify the philosopher FTP.

1) The first man considered a philosopher; he traveled in many countries including Egypt. Perhaps Egypt's dependence on the Nile led him to believe that the source of all things is water. The appearance of frogs and worms after rain may have also influenced him.

Thales

2) He thought that our world was only one of a myriad of worlds that evolve and dissolve into something he called the boundless. He clearly was not thinking of a known substance such as water. Because all created things are limited, that which comes before and after them must be "boundless".

Anaximander

3) Familiar with the water theory, this man thought that all things come from air or vapor. Water, he thought, was merely condensed air and rain results when air is pressed. Water pressed even further becomes earth.

Anaximenes

5. Time for the linking bonus! Yay! Identify the following titles of literature linked with diseases, FTP each. For example, James Herriot's moving work of the ravages of a disease before Edward Jenner saved his veterinary practice would be All Creatures Great and Smallpox.

a. The story of gubernatorial hopeful Willie Stark and his battle with the sudden swelling of the membranous sac covering his aide Jack Burden's brain.

All the King's Men

b. Alexander Pope's satiric description of a man who steals hair from a young woman who is suffering from a festering puncture wound which leaves her unable to scream for help.

The Rape of the Lock

c. Jane Austen's tale in which Fanny Price is brought up by her wealthy aunt and uncle and is helped by her cousin Edmund to overcome her problems brought on by a degenerative disease also suffered by Muhammed Ali.

Mansfield Park

6. Name the American 30-20-10.

30 He would never have become famous if he hadn't sprained his ankle and had to leave Charleston before its surrender.

20 He served in the South Carolina senate and commanded Fort Johnson after the war.

10 This Revolutionary War hero got his nickname because the British Col. Tarleton called him "this damned old fox".

Francis Marion





13 Time for another round of "New Brunswick" venting about people who made things that they called art, but that were not art. Identify the following punks, FTP each.

a. It's useless to rail at Picasso- he's too well-liked for some reason. Instead, name this other cubist who was influenced by Picasso but produced even more monochromatic and unintelligible works than the Shirtless Spaniard. He should have stayed a Fauvist. He said that his The Portuguese was based on his memories of a musician in a bar, but the years and the happy juice have apparently not been kind to his memories.

Georges Braque

b. There's a fine line between experimental and just plain dumb. However else you might have felt about Dadaism or the "explosion in the shingle factory", exhibiting a urinal on its side or a bicycle wheel mounted on a stool is NOT ART. "Ready-made" sculptures is one name for them, another is "Big-waste-of-time". Look! I just turned a Sprite bottle upside down! Now it's different! Hail me as a revolutionary!

Marcel Duchamps

c. He's the best-known Belgian painter more or less by default. With works like Christ's Entry into Brussels, he produced stuff that's less inspired than Bosch and even uglier than Goya. He describes his own characters as "hollow men" with no real substance or identity. Much like his paintings.

James Ensor

14. The Bible states "Your old men will dream dreams, and your young men shall see visions."

a. In which minor prophet's book is this verse found?

Joel 2:28

Now, FTP each answer these questions about Biblical dreamers.

b. Joseph interprets his dream of three baskets and a flock of birds to mean that this man will live only three more days, and then be eaten by birds.

the chief Baker

c. This man sees a sheet of "unclean" foods descend onto the roof of a house, then hears the Lord say, "Kill and eat."

Simon Peter

15. Given a year and a description, identify the U.S. Supreme Court case, FTP each.

a. In 1793, this case held that it was legal for a citizen of one state to sue another state. It was

~~superseded by the Eleventh Amendment.~~

Chisolm v. Georgia

b. In 1810, this case was the first to overturn a state law as unconstitutional.

Fletcher v. Peck

c. In 1895, this decision held that an income tax was unconstitutional. It was later superseded by the Sixteenth Amendment.

Pollock v. Farmers' Loan and Trust

16. FTP each, identify the authors of the following verdant works.

a. Green Mansions

W. H. Hudson

b. How Green Was my Valley

Richard Llewellyn

c. Sir Gawain and the Green Knight

the Pearl Poet

17. The most enjoyable part of Biology II in high school was, of course, the part where the class dissected a cat. (Or in some cases, a rabbit) FTP, identify the following muscles in the dead cat.

a. This is the name of the calf muscle.

Gastrocnemius

b. Either of the two muscles that make up the back of the lower back leg.

Gracilis or Pectineus

c. Two of the four muscles in the foreleg.

Pectoralis Major, Pectoralis Minor, Xiphohumeralis, or Pectoantibrachialis

18. Crazy Vaclav describes a foreign car, saying "She'll go 300 hectares on a single tank of kerosene." FTP each, identify these other obscure units of measure.

a. 7.219 cubic inches, or four fluid ounces.

Gill

b. 66 feet, or four rods

Surveyor's or Gunter's chain (do not accept engineer's chain)

c. 1.555 grams, abbreviated dwt.

Pennyweight

19. By the end of the individual playoffs, you may feel like you've been here for days, but poor Scheherezade was fending off death for even longer. Answer the following questions about the Arabian Nights, 10-5-15.

10. this is the name of the misogynist sultan to whom the stories were told.

Harun-al-Rashid

5. A beautiful slave girl rescues her master by pouring boiling oil on the whole bunch of guys lying in wait to kill him in this famous tale.

Ali Baba and the Forty Thieves

15. The oldest of three sisters hires a man to carry her purchases home from the bazaar of a major city. When he gets to her home, he meets her two younger sisters, and the orgy commences. In between nooky periods, three princes appear and drag this little-known story out for many more nights.

The Porter and the Three Ladies of Baghdad

20. Everyone in Oklahoma loves pioneers. Identify this pioneer of quantum mechanics 30,20,10 given a quote and its year.

30) "The more I think about the physical portion of Schrödinger's theory, the more repulsive I find it...What Schrödinger writes about the visualizability of his theory 'is probably not quite right,' in other words it's crap.", 1926

20) "All of my meagre efforts go toward killing off and suitably replacing the concept of the orbital path which one cannot observe.", 1925

10) "The more precisely the position is determined, the less precisely the momentum is known in

this instant, and vice versa." 1927

Werner Karl Heisenberg