

Western '07

Raffi Rush, Shimi Ehrlich, Gary O'Neil, Dilini Wijayanayaka, Yossi Ehrlich

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"It's not a belt, it's a tactical pants-retaining system."

Tossups

1. A graduate of Overbrook High School, he received a perfect score on my verbal SATs. Although offered a full scholarship to MIT he turned it down to pursue a career in rap music. FTP, during the 90s, he starred in a popular TV show, whose theme song begins, "In West Philadelphia born and raised..."

Will Smith

2. They were picked as a convenient combination of keys that would not be pressed by accident. Chosen by IBM PC pioneer David Bradley they are seen on every Windows "Blue Screen of Death." FTP, these three keys are a convenient way to reboot a PC computer.

Control, Alt, and Delete

3. One of the most important thinkers in Western thought, he wrote "Posterior Analytics," a book on syllogism. He literally wrote the book on Physics and its sequel, Metaphysics. For 10 points, he is said to have been Plato's most gifted student.

Aristotle

4. In 1994 in the Italian news weekly *Espresso*, he published a screed against the Mac vs. PC debate. This was hardly out of character: as a professor of semiotics at the University of Bologna, he has acted as a proponent of the interconnectedness of all literary work. He expounds on these theories in his

novels. FTP, who is this authour of “Foucalt’s Pendulum” and “The Name of the Rose.”

Umberto *Eco*.

5. A map dating to 1795 showing the nearby town of Dudley, lists the name of this lake as “Chargoggaggoggmanchoggagogg’.” Formed by the retreat of glaciers and replenished by an underwater spring, these waters attracted Samuel Slater to the area. Slater Mill, which bears his name, is built here, and marks the beginning of the Industrial Revolution in the New World. However, it is surely better known for its name, whose length (and variations) inspired a song recorded in 1954 by DECCA records. FTP, what is the short name for this lake, known to some sticklers by its 45-letter name, Lake Chargoggagoggmanchauggagoggchaubunagungamaugg.

Webster Lake

6. Born in Montgomery Wales in 1593, he would rise to become Wales’s greatest renaissance metaphysical poet. His deeply religious poetry explore the relationship of religion love often mirroring the structure of churches and using unusually shaped poems to emphasize their meaning. On his deathbed, he left instructions to publish his poems if they were thought to ”turn to the advantage of any dejected poor soul”, and, otherwise, to burn them. For ten points name this paragon of Christian virtue, Anglican priest, member of parliament and author of the smash hits Love 1,2 and 3, Jordan1 and 2, Easter Wings and The Temple: Sacred poems and Ejaculations.

GEORGE HERBERT

7. Also known as hydroxyl acid, this substance is the major component of acid rain. Its gaseous form may cause severe burns, and inhalation, even in small quantities, may cause death. However, among regular users, withdrawal causes certain death within 168 hours. FTP, name this substance, also known as dihydrogen monoxide.

Water. Accept *H2O* or variants thereof.

8. I am a showcase for Canadian bands. I am owned by Dave, although I chronicle the lives of Sam, Stephanie, and Morley, along with their neighbours. I am located in Toronto. I am also a nationally syndicated radio show, broadcast Saturdays at 2 and Sundays at Brunch, and hosted by Stuart McLean.

VINYL CAFE

9. This structure is named after Michael Lee-Chin, who donated \$30-million toward its construction. An example of Deconstructivist architecture, it was originally sketched on the back of a napkin. Similar to other Daniel Libeskind works, it features no right angles and is clad entirely in glass and aluminium. FTP, it features the new main entrance, a gift shop, six galleries, and an exhibition hall in the basement.

The Crystal, Addition to the Royal Ontario Museum, or variants thereof.

10. Two characters flit between scenes in another's story, which roughly coincides with their own. Along the way, they discover principles of physics and learn of the ambiguity of language. Naturally, as audiences expect, it ends with death for all, just like in the play within this play within a play, "The Death of Gonzago." FTP, name this play by Tom Stoppard focussing on two minor characters in a Shakespearean tragedy.

Rosencrantz and Guildenstern are Dead.

11. My name is actually a pseudonym for two women, Katherine Harris Bradley and her niece and ward Edith Cooper. As well as being suffragettes and anti-vivisection advocates, Edith and Katherine were also lesbian lovers and associates of Charles Ricketts, Charles Shannon and Robert Browning. After Edith's mother became disabled Edith came to live with Katherine and they began writing "his" first work which was published in 1884. FTP name this Victorian "writer," author of over forty works and the long *Journal Works and Days*

Michael Field

12. I am wild-haired and wild-eyed. A student of all sciences, I tried to invent headgear that read its wearers thoughts. I lived out my final years in the Old West, until I was killed over "a matter of eighty dollars." In November 1955, I was accosted by a young man claiming to be from the year 1985.

Doc Emmett. L. Brown

13. With Freedonia in another financial crisis, the government asks Mrs. Teasdale for more money. She refuses unless the current president resigns and is replaced by her choice: Rufus T. Firefly. At the same time, rival country Sylvania sends two men to spy on Firefly, first posing as peanut vendors outside his office and eventually becoming members of his cabinet. This describes, for ten points,

which classic 1933 comedy featuring classic lines such as “I got a good mind to join a club and beat you over the head with it?”

Duck Soup

14. As opposed to most of his operas written for the imperial crowd, this opera was written by Mozart in 1791 as a favor to his friend, Emmanuel Schickaneder, who also happened to write the lyrics. Not coincidentally, both composer and lyricist were Freemasons, as can be seen with the abundance of Masonic imagery present in the work. For ten points, which supernatural opera features such characters as Tamino, Papageno, and the Queen of the Night?

The Magic Flute

15. A child of Ecuadorian and Irish background, this singer became a Mouseketeer in the “Mickey Mouse Club.” At the 2000 Grammys, she beat out Eminem and Britney Spears for Best New Artist. In 2001, along with Lil’ Kim, Mya and P!nk, she sung the remake for Lady Marmalade.

Christina Aguilera

16. The second-oldest woman to win a gold medal in Women’s Figure skating, she provided Japan with its first medal in the 2006 Winter Olympics. She was the first Japanese skater to capture the Olympic Gold medal in Figure Skating, but after winning her gold, she retired from her sport.

Shizuka Arakawa

17. I was an accomplished painter, spoke Portugese, , and played an the *frigadera* at *Carnaval* in Rio. Not bad for a small-town boy from Far Rockaway. Of course, I did teach Physics at Caltech, too, winning the Nobel Prize in Physics in 1965 for my work on Quantum Electrodynamics. I didn’t start there, nor did I stop: from picking locks at Los Alamos to discovering why the Challenger shuttle exploded, FTP I am the inventor of the diagrams of particle interactions that bear my name.

Richard FEYNMAN.

18. Before its success, it was said that its launching was impossible. Launched on October 4th, 1957, it sparked the space race. For 10 points, name the first satellite launched by the Soviets.

Sputnik

19. Born March 31, 1621 in Winestead-in-Holderness, he would rise to become one of England's preeminent metaphysical poets. Educated at Trinity college, he embarked on a grand tour of the continent to escape the English civil war, and returned to write some his most famous poems such as On Appleton House, on a drop of dew and mowers song. Writing the majority of his verse in Latin and Greek, he served as Milton's Latin secretary to Cromwell's council of state, as well as representing his hometown in parliament until his death. For ten points name this English poet, satirist and parliamentarian author of To His Coy Mistress.

Andrew MARVELL

20. Unfortunately, the times did not call for a person of my social standing. I escaped to England in 1848, disguised as "Mr. Smith." I failed in the attempt. I was executed by guillotine by the Revolution. For 10 points, name me with my title, the last King of France?

Louis XVI

21. Although I hail from a Germanic tribe in Southern Sweden, I journeyed to Denmark to defeat a terrible monster. Although mythical, I mention a historic event, the raid by King Hygelac into Frisia in 516 AD. Although I am a poem, I weigh in at 3,182 lines. And although I am not about them, I was preserved by the people of England as an early example of English literature.

Beowulf

22. This Dutch physicist chemist after whom this is named reached the apex of his career in the 1900s: He was awarded the first Nobel prize in 1901 for chemistry for his work on solutions. This factor is used to describe the number of particles in solution...not the kind of particles. FTP, this factor, also called i , is important in quantitative analysis of colligative properties such as vapour pressure and freezing point depression.

Van't Hoff factor.

Bonuses

1. Women of the Aeneid. Identify these voluptuous, Virgilian vixens from their descriptions FTPE.

- This sultry Amazon queen fought on the side of the Italians and was slew due to her obsessive pursuit of a gold clad Trojan. Her death was promptly avenged by Diana's sentinel Opis.

CAMILLA

- Turnus' sister, she was immortalized in consolation for having been ravished by Jove, she urges him to break his truce with the Trojans. Cursed with eternal life, she is eventually forced to step aside and abandon her brother to his wretched fate.

JUTURNA

- The daughter of King Latium, She is originally betrothed to Turnus and it is for her hand that the war in Italy is fought.

LAVINIA

2. I'll give you the Latin legal term, you tell me its English equivalent FTPE.

- Mutatis Mutandis

All the necessary changes have been made

- Pro se

"By himself" - when the defendant represents his- or her-self

- Pro bono

"For free" - when a lawyer does work for free

3. I'll name the lead singer of an awesome Canadian band. You tell me the name of the group FTPE.

- A.C. Newman

The New Pornographers

- Win Butler

The Arcade Fire

- Mike Ford and Jian Ghomeshi

Moxy Fruvous

4. Answer the following questions on architecture for ten points each:

- What are the three most common types of classical columns?

IONIC, DORIC, CORINTHIAN

- What is the distinguishing feature of a Gothic arch? *POINTED APEX (TOP)*
 - What is the name for a support that protrudes from the wall of a structure? *BUTTRESS*
5. Given a list of regional cuisines name the countries, for ten points each:
- Gored gored, tej, injera *ETHIOPIA*
 - Falafel with chips, shoko b'sakit, shakshuka *ISRAEL*
 - Crempogs, laverbread, Glamorgan sausage *WALES*
6. Identify these deliciously well-written and entertaining Margaret Atwood novels by the names of their characters FTPE.
- Nick, Serena Joy, Moira, Ofglen, Offred
THE HANDMAID'S TALE
 - Tony, Charis, Roz, Zenia
THE ROBBER BRIDE
 - Peter, Duncan, Ainsley, Marian McAlpin
THE EDIBLE WOMAN
7. Given a description of an event from the Scottish Highland Games. Name the event FTPE.
- A large stone is thrown as far as possible in this event similar to shot put. (5)
STONE PUT
 - A bundle of straw, wrapped in a burlap sack, is thrown over a metal bar using a pitchfork. (10)
SHEAF TOSS
 - A 15-20ft log weighing 80-130lbs is balanced by the competitor on their palm as they run forward and toss it end-over-end, aiming not for distance, but for the log to point directly away from them. (15)
CABER TOSS
8. For the stated number of points, name winners of these recent (2007) Presidential elections.

- France, in a highly contested second-round election following the departure of Jacques Chirac (5)

Nicolas SARKOZY

Israel, succeeding Moshe Katzav, whose term who was nearly impeached (10)

Shimon PERES

- Turkmenistan, following the death of President for Life Saparmurat Niyazov (15)

Gurbanguly BERDIMUHAMMEDOW

9. Complete these immortal verses by Robert Frost verse FTPE.

- Was something flashed across my mind
That no one on earth will ever find?
Heaven gives its glimpses only to those
NOT IN POSITION TO LOOK CLOSE
The woods are lovely, dark and deep
But I have promises to keep
AND MILES TO GO BEFORE I SLEEP AND MILES TO GO BEFORE I SLEEP
- And it seems like the time when after doubt
Our love came back amain
Oh come forth into the storm and rout
And
BE MY LOVE IN THE RAIN

10. Given the description of a fear name the phobia, for 10 points each:

- The fear of clowns.
COULROPHOBIA
- The fear of the number 13.
TRISKAIDEKAPHOBIA
- The condition of being a Nevernude, which is “exactly what it sounds like.”
GYMNOPHOBIA

11. Give the names of these hilariously-named monarchs for 10 points each.
- He ruled Albania from September 1, 1928 - April 7, 1939.
King ZOG I
 - Grand Prince Ivan IV was known as Ivan the Terrible. Ivan III was known as Ivan the Great. Ivan II was known as Ivan the Fair. What was Ivan I known as?
Ivan the MONEYBAG
 - Charles I was better known as Charles the Great, or Charlemagne. What were Charles II and Charles III better known as?
Charles II the BALD & Charles III the FAT
12. Given the names of two overtures name the composer who wrote them for the stated number of points.
- The Storm & The 1812 Overture (5)
Pyotr Ilyich TCHAIKOVSKY
 - The Academic Festival Overture & The Tragic Overture (10)
Johannes BRAHMS
 - The Hebrides Overture (Fingal's Cave) & A Midsummer Night's Dream (15)
Jakob Ludwig FELIX MENDELSSOHN Bartholdy
13. "If we allow slippery slope, what's next?! Straw Man?!" Let's work on reasoning skills with a visual category on logical connectives. Identify the logical connective shown FTPE.
- (a) *CONTRADICTION*.
 - (b) *EXCLUSIVE DISJUNCTION*. Accept *XOR*, *EOR* or *EXCLUSIVE OR*.
 - (c) *TAUTOLOGY*.
14. Money is the root of all evil. Evil has a face. FTPE, name the faces on the following Canadian bills:
- The current \$50 bill?
William Lyon MACKENZIE KING

- The current \$100 bill?
ROBERT BORDEN
 - Who was featured on the last \$1000 bills? *QUEEN ELIZABETH II*
15. The Japanese infatuation with PEI could well be ascribed to this plucky young girl who never actually existed. FTPE, answer the following questions on Anne of Green Gables.
- Although Anne Shirley is most identified with PEI, she was born in another Province. Name that province.
Nova Scotia
 - Before coming to Avonlea. Anne dreamed of finding a bosom buddy. Who became her bosom buddy?
Diana Barry
 - Although she broke a slate over his head because he called her carrots Anne Shirley married his man.
Gilbert Blythe
16. Enough Canada! Let's talk about our neighbour to the South. I'll name a fundamental right, you tell me the amendment to the Bill of Rights that protects it FTPE. Hint: they've all been restricted by the USA-PATRIOT act!
- Freedom from warrantless search and seizure.
4th amendment.
 - Right to due process; freedom from self-incrimination.
5th amendment.
 - Limitation of the president to two terms.
22nd amendment.
17. To quote Umberto Eco, "By all standards, it is a mediocre film." Answer these questions on what is possibly the greatest film of all time, "Casablanca," FTPE.
- The phrase "Play it again Sam," is said in reference to what song?
AS TIME GOES BY.

- During exams at what university does the Brattle Theatre in Massachusetts screen Casablanca every year?

HARVARD

- What is the name of the Bugs Bunny parody of Casablanca?

CARROTBLANCA

18. Ads from “The Simpsons” FTPE.

- Complete the phrase: “Finally, the great taste of Worcestershire sauce, in” this.

A soft drink.

- Finish the slogan: “Buzz Cola: twice the sugar,”

Twice the caffeine.

- Name the product: “She blinds everybody with her super high beamsShe’s a squirrel crushing, deer smacking, driving machine!”

Canyonero (Brownie points for singing the song)

19. I’ll give you some nautical terms. You tell me what they refer to FTPE.

- Fore, Main, Mizzen

MASTS

- Royal, Gallant, Jib, Spanker

SAILS

- Hawser, Shroud, Cable

ROPES

20. Winning a Nobel Prize is great. Winning two is presumably twice as great. Name these two-time laureates for the stated number of points.

- Physics 1903, for the discovery of radioactivity, and Chemistry 1911, for the isolation of pure radium. (5)

MARIE CURIE

- Physics 1956, for the invention of the transistor, and Physics 1972, for the theory of superconductivity. (10)

John BARDEEN

Chemistry 1958, for structure of the insulin molecule, and Chemistry 1980, for virus nucleotide sequencing. (15)

Frederick SANGER.

21. Don't be so diacritical! Name the following English punctuation marks for the stated number of points:

- Which symbol is composed of the letters of the Latin word it represents? (5)

AMPERSAND

- What is the proper name of the paragraph sign? (10)

PILCROW or ALINEA

- What are the two dots placed over a vowel to indicate that it belongs to a separate syllable than the preceding vowel? (15)

DIAERESIS mark (do not accept Umlaut)

22. "I have an even better question that this packet is too small to contain." Answer the following questions about mathematics and mathematicians FTPE.

- That sentence was a reference to an unwritten solution to a problem that bedeviled mathematicians for hundreds of years. Name the problem.

Fermat's last theorem.

- Fermat's last theorem was finally solved in 1993 by which American mathematician?

Andrew WILES.

- Another devilish question, the Poincare Conjecture, which deals with topology, was solved in 2006 by which Russian mathematician?

Grigory PERELMAN.

23. For ten points each, identify the continent from the tectonic plates that surround it:

North American, Pacific, Amurian

ASIA

- Cocos, Juan de Fuca, Rivera

NORTH AMERICA

- Nazca, Scotia, Antarctic
SOUTH AMERICA

24. For ten points each name the religion for which today's date (Sat., June 30, 2007) would be the following:

- Kalimat, Rahmat, Javab
BAHAI
- 13 Tammuz, 5767
JUDAISM
- 15 Jumada Al-Akhir, 1428
ISLAM

25. Name the following derived SI units from the descriptions, for ten points each:

- A change in acceleration, or meters per second cubed (m/s^3)
JERK
- The unit of inductance, or a Weber per meter squared (W/m^2)
HENRY
- The unit of luminance, or a lumen per meter squared (lm/m^2)
LUX