

## VETO 2016, FAR SIDE team bonuses

Bonus 3 comes with a visual in a separate file, [FAR SIDE-visual.pdf](#).

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### BONUS 1

[[ HAND OUT BOOK, *Exploring Canada's National Parks*. OMIT if you don't have the book. ]]

You've just been handed a book with pictures of twenty-nine Canadian national parks. The text has been blacked out, and removing the black tape is *cheating*.

The top of each left-hand page gives a number. For 5 points each, name any six of the parks with their associated numbers. You have TWO MINUTES for this bonus. Big hint: The parks are in alphabetical order, with the exception of one that was renamed in 2013.

### Answers:

1. Auyuittuq National Park
  2. Banff National Park
  3. Cape Breton Highlands National Park
  4. Elk Island National Park
  5. Forillon National Park
  6. Fundy National Park
  7. Georgian Bay Islands National Park
  8. Glacier National Park
  9. Grasslands National Park
  10. Gros Morne National Park
  11. Jasper National Park
  12. Kejimikujik National Park
  13. Kluane National Park and Reserve
  14. Kootenay National Park
  15. Kouchibouguac National Park
  16. La Mauricie National Park
  17. Mount Revelstoke National Park
  18. Nahanni National Park Reserve
  19. Pacific Rim National Park Reserve
  20. Point Pelee National Park
  21. Prince Albert National Park
  22. Prince Edward Island National Park
  23. Pukaskwa National Park
  24. Riding Mountain National Park
  25. Thousand Islands National Park (*formerly St. Lawrence Islands National Park*)
  26. Terra Nova National Park
  27. Waterton Lakes National Park
  28. Wood Buffalo National Park
  29. Yoho National Park
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### BONUS 2

**Auditory bonus: Omit if no working audio.**

**If anyone has a smartphone, direct it to website:** <http://caql.org/opera/>

For 10 points each, name each of these operas, from an excerpt of the soprano who is the title character.

A. [[ [Click to play FAR SIDE-audio2A.mp3](#) ]]

**Answer:** Madama Butterfly (Also accept: Madame Butterfly)

(excerpt from "Un bel dì, vedremo")

B. [[ [Click to play FAR SIDE-audio2B.mp3](#) ]]

**Answer:** Lucia di Lammermoor

(excerpt from "Spargi d'amaro pianto" in the famous "mad scene")

C. [[ [Click to play FAR SIDE-audio2C.mp3](#) ]]

**Answer:** La Bohème

(excerpt from "Mi chiamano Mimì")

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### BONUS 3

[[ [Get visual](#) or HAND OUT PAGE SHOWING BUILDINGS ON ISLAND ]]

You've just been handed a picture from an ad for the *Financial Times*, showing famous buildings from major cities outside Canada. For 5 points each, name any six of the fifteen buildings with their associated letters on the picture. You have 60 seconds.

**Answers:**

- A. Oriental Pearl Tower (or Dōngfāng Míngzhūtǎ), Shanghai
- B. Chrysler Building, New York
- C. Petronas Towers, Kuala Lumpur
- D. One Canada Square, London
- E. Grande Arche de la Fraternité (or Grande Arche de la Défense), Paris
- F. Crain Communications Building (or Smurfit-Stone Building), Chicago
- G. New York Stock Exchange, New York
- H. 2 International Finance Centre Tower, Hong Kong
- I. Bank of New York, New York
- J. Commerzbank Tower, Frankfurt am Main
- K. Taipei 101 (or Taipei Financial Tower), Taipei
- L. 30 Saint Mary Axe (or The Gherkin), London
- M. Jin Mao Tower or Building, Shanghai
- N. Transamerica Pyramid, San Francisco
- O. Yokohama Landmark Tower, Yokohama

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### BONUS 4

Answer these questions about quantum computing, for 10 points each.

A. In 2011, what company based in Burnaby, B.C., announced what it claims was the world's first commercially available quantum computer?

**Answer:** D-Wave Systems, Inc.

B. D-Wave's quantum computers solve discrete optimization problems by what algorithm that uses quantum mechanics as a source of disorder?

**Answer:** quantum annealing

C. In 1994, Peter Shor devised the first important quantum algorithm. Shor's algorithm solves what problem for which there is no known efficient algorithm on a classical computer?

**Answer:** integer factoring into prime numbers

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### BONUS 5

Name these characters in Bulgakov's *Master and Margarita*. Ten points each.

A. The Master is writing a novel about this historical figure and his relations with Yeshua Ha-Nozri.

**Answer:** Pontius Pilate

B. Satan appears as this mysterious foreigner, a magician who wreaks havoc on the people of Moscow.

**Answer:** Professor Woland

C. One of Woland's henchmen is this giant talking cat, who shares his name with a beast in the biblical book of Job.

**Answer:** Behemoth

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### **BONUS 6**

For 10 points each, tell me the *decade* in which each of these Canadian firsts occurred.

A. The first Canadian embassy opens. It was in Washington, D.C.

**Answer:** 1920s (*the year 1927*)

B. The first law is passed defining Canadian citizenship separate from the status of British subject.

**Answer:** 1940s (*the year 1947*)

C. The first Canadian-born Governor General is sworn in.

**Answer:** 1950s (*the year 1952, Vincent Massey*)

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### **BONUS 7**

Last month, Alexander Boris de Pfeffel Johnson became Foreign Secretary, making him Britain's top diplomat. For 10 points each, name these people from his insults of them.

A. "She's got dyed blonde hair and pouty lips, and a steely blue stare, like a sadistic nurse in a mental hospital."

**Answer:** Secretary Hillary Rodham Clinton

B. "Despite looking a bit like Dobby the House Elf," he is "a ruthless and manipulative tyrant."

**Answer:** President Vladimir Vladimirovich Putin

C. Johnson's winning limerick in a contest to insult this person began with "There was a young fellow from Ankara / Who was a terrific wankerer ..."

**Answer:** President Recep Tayyip Erdoğan ["AIR-doh-an"]

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### **BONUS 8**

In the nineteenth century and into the early twentieth, a pidgin language was used for communication by First Nations peoples and Europeans alike throughout B.C. and Washington and Oregon states. For 10 points per answer:

A. What was this language called?

**Answer:** Chinook Jargon (Also accept: Chinook Wawa. Prompt on "Chinook".)

B. One of the Chinook Jargon words that is still used sometimes in B.C. English is this one meaning "strong" or "powerful".

**Answer:** skookum

C. This is the Chinook Jargon word for "water". When preceded by "skookum", it refers to tidal rapids — strong water — and when preceded by "salt", meaning salt, it refers to the sea.

**Answer:** chuck

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### **BONUS 9**

Name these wives of Lord Shiva, for 10 points each.

A. Her name means "the invincible." This lion-riding warrior goddess was created in order to defeat the demon Mahisha, and she succeeded.

**Answer:** Durga

B. Known as "the black one" and associated with death, violence, and sexuality, she is often depicted with an extended tongue, wearing a belt of severed heads, and standing on top of a prostrate Shiva.

**Answer:** Kali

C. A symbol of spousal devotion, this beautiful mountain goddess impressed Shiva with her ascetic discipline. She is the mother of Ganesha.

**Answer:** Parvati

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### **BONUS 10**

Name these towns from Canadian literature, for 10 points each.

A. Stephen Leacock set his *Sunshine Sketches of a Little Town* in this thinly-disguised fictional version of Orillia, Ontario.

**Answer:** Mariposa

B. This stand-in for the author's native Neepawa, Manitoba, is the setting for Margaret Laurence's *The Stone Angel* and four other novels.

**Answer:** Manawaka

C. In Yann Martel's *Life of Pi*, Pi Patel spends the first fourteen years of his life in this Indian city that was a former French colony.

**Answer:** Pondicherry

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### **BONUS 11**

The busiest airport in Germany is called Frankfurt am Main ["mine"] because it is on the Main ["mine"] river and is distinguished from a different German city also called Frankfurt. For 10 points each:

A. The other Frankfurt has fifty-eight thousand people and lies on what river?

**Answer:** Oder

B. If you cross the Oder River from Frankfurt an der Oder, you will find yourself in what country?

**Answer:** Republic of Poland (*Also accept: Rzeczpospolita Polska*)

C. Frankfurt an der Oder is in what German state that completely surrounds but does not include the national capital of Berlin?

**Answer:** Brandenburg

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### **BONUS 12**

On February 13, 1692, thirty-eight members of a Highland Scottish clan were murdered by their billeted guests, allegedly for not having pledged allegiance in time to their new monarchs. For ten points each:

A. In what valley in the Scottish Highlands did this massacre take place?

**Answer:** Glencoe

B. The victims were all members of what clan?

**Answer:** clan MacDonald of Glencoe

C. The perpetrators who had accepted the hospitality of the MacDonalds were led by a member of what clan, which has been the object of loathing by the other Highland Scots ever since?

**Answer:** Campbell

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### **BONUS 13**

Name these things you need to watch if you are pregnant. Ten points each.

A. This vitamin is essential for cell division, and it's especially important that you get enough of it while you're pregnant, because a deficiency can cause birth defects such as spina bifida and anencephaly.

**Answer:** folic acid or folate

B. Make sure you don't take too much of this other vitamin, because excessive amounts taken during pregnancy have been linked to increased risk of such birth defects as cleft lip, cleft palate, and hydrocephalus.

**Answer:** vitamin A

C. Toxoplasmosis is a parasitic disease that usually has no symptoms, but if you get it during pregnancy, you can transmit it to your fetus, which can cause all sorts of problems. In Canada, what is the main source from which people are infected with toxoplasmosis?

**Answer:** cat feces (*prompt on cat*)

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### **BONUS 14**

Answer these questions about the current real estate bubble, for 10 points each.

A. Starting this week, foreign buyers must pay a tax on their real estate purchases in B.C. What is the rate of this transfer tax?

**Answer:** 15 per cent

B. What Richmond-based company is under investigation by the Real Estate Council of B.C. for its practices of "shadow flipping" and allegedly deceiving clients?

**Answer:** New Coast Realty

C. It now has the most shorted stock of any company in North America. With a name inspired by the board game Monopoly, what is this real estate investment trust that is Canada's largest residential landlord?

**Answer:** Boardwalk Real Estate Investment Trust

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### **BONUS 15**

There have been several high-profile cases recently of African-Americans dying while in police custody. For 10 points each, give the official reason why each of these became suspects in the first place.

A. On July 17, 2014, Eric Garner was arrested in New York City for allegedly doing what?

**Answer:** selling unlicensed loose cigarettes

B. On July 13, 2015, Sandra Bland was pulled over on University Drive in Prairie View, Texas, for allegedly having done what?

**Answer:** not using turn signal to change lanes (*prompt on partial answers*)

C. On April 12, 2015, Freddie Gray was arrested in Baltimore for allegedly possessing what?

**Answer:** switchblade, or spring-assisted knife (*prompt on "knife"*)

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### **BONUS 16**

The year 1889 saw the abolition of the western hemisphere's last monarchy with a monarch who actually lived in our hemisphere. For 10 points per answer:

A. What was this monarchy that, at its end, had fourteen million subjects?

**Answer:** Empire of Brazil

B. In its sixty-seven years, the Empire of Brazil had only two emperors. They shared the same name, which was what?

**Answer:** Dom Pedro

C. In 1828, the Brazilian province of Cisplatina seceded to become what country that is still independent today?

**Answer:** Oriental Republic of the Uruguay

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### **BONUS 17**

On June 30, 2016, Governor-General David Johnston announced the appointment of one new Companion of the Order of Canada.

A. For 10 points, name this University of Toronto scientist, cited "For her revolutionary contributions to geochemistry, notably in the development of innovative mechanisms for groundwater remediation, and for her discovery of ancient fluids that hold implications for life on other planets."

**Answer:** Barbara Sherwood Lollar (or Barbara Sherwood)

B. On the same date, Governor-General Johnston also made a hundred and twelve appointments to the lower two levels of the Order of Canada. Name these other two levels, for 10 points each.

**Answers:** Officers and Members

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### **BONUS 18**

Answer these questions about carboxylic acids, for 10 points each.

A. With chemical formula HCOOH, what is the simplest carboxylic acid?

**Answer:** formic acid (or methanoic acid)

B. Compared to other substances of similar molar mass, carboxylic acids have high boiling points, because of the presence of what?

**Answer:** hydrogen bonds (or dimerization)

C. Carboxylic acids react with alcohols to form what kind of organic compound?

**Answer:** esters

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### **BONUS 19**

For 10 points each, name these comedies by Aristophanes.

A. The title character convinces the women of Greece to withhold sexual privileges from their husbands in order to force them to negotiate an end to the Peloponnesian War.

**Answer:** Lysistrata

B. Strepsiades, an elderly farmer, enrolls his son Pheidippides in Socrates' school, the Thinkery, in hopes that he'll learn specious arguments to get out of paying debts, but instead, the son ends up learning how to argue with his father, who burns down the school in disgust.

**Answer:** The Clouds (or Nephelai)

C. Philocleon is addicted to serving on juries, a paid activity in Athens, which his son Bdelycleon looks on with disgust. The son persuades the father to hold trials at home, resulting in an acquittal, unusual for him, of the family dog for stealing cheese.

**Answer:** The Wasps (or Sphekes)

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### **BONUS 20**

Give the titles of these French-Canadian films. Ten points each.

A. Voted consistently by critics as the greatest-ever Canadian film in either official language, this 1971 coming-of-age story is centred on the observations of the young Benoît at Christmastime in a small mining town where his family run a general store and undertaking business.

**Answer:** Mon oncle Antoine, or My Uncle Antoine

B. In this 1986 film, four history professors, a wife and two graduate students from the University of Montreal hang out at a country retreat, and talk about sex and adultery.

**Answer:** Le déclin de l'empire américain, or The Decline of the American Empire

C. Taking over from a teacher who has committed suicide, an Algerian immigrant starts work at an elementary school in Montreal, and his own tragedies become revealed in this 2011 film.

**Answer:** Monsieur Lazhar

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### **BONUS 21**

Give the titles of these books beloved by libertarians. Ten points each.

A. Written by Friedrich Hayek, it warns of the danger of tyranny that inevitably results from government control of economic decision-making through central planning.

**Answer:** The Road to Serfdom

B. Henry Hazlitt's book is summarized by the author in one sentence: "The art of economics consists in looking not merely at the immediate but at the longer effects of any act or policy; it consists in tracing the consequences of that policy not merely for one group but for all groups."

**Answer:** Economics in One Lesson

C. In this work, Robert Nozick argues that governments should be "limited to the narrow functions of protection against force, theft, fraud, enforcement of contracts, and so on", and that anything else is an unjustified violation of property rights.

**Answer:** Anarchy, State, and Utopia

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### **BONUS 22**

For 10 points each, given a list of Canadian towns and cities, name the river that flows through all of them.

A. Jasper, Hinton, Whitecourt and Fort McMurray in Alberta.

**Answer:** Athabasca River

B. Fergus, Elora, Kitchener, Cambridge, Paris, Brantford, and Port Maitland in Ontario.

**Answer:** Grand River

C. Wemotaci, La Tuque, Shawinigan, and Trois-Rivières in Quebec.

**Answer:** Saint-Maurice River

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*Vancouver Estival Trivia Open, 2016, FAR SIDE team*