

VETO 2012, FARSSIDE team bonuses

Bonuses 1, 2, 3, and 6 come with [visuals in a separate file](#).

BONUS 1

[[[Get visual](#) or HAND OUT PAGE SHOWING PAINTINGS]]

You've just been handed a page showing three paintings, with the year each was completed. For 5 points for one answer correct, 10 points for two, 20 for three, or 30 for all four answers correct:

1. Name the painters of the two works marked "A" and "B".

Answers: (A) Édouard Manet
(B) Claude Monet

2. The work marked "C", thought to be an inspiration for Manet, has been attributed by art historians to either of two different sixteenth-century artists, one of whom was an assistant to the other. Name either artist.

Answer: Titian (or Tiziano Vecelli)
or Giorgione (or Giorgio Barbarelli da Castelfranco)

3. Painting "C" is in the Louvre, which holds art works from before 1848, but paintings "A" and "B" are from the period 1848 to 1914 and are therefore now in what other Paris museum that opened in 1986 in a former train station?

Answer: Musée d'Orsay

BONUS 2

[[[Get visual](#) or HAND OUT PAGE SHOWING CHART WITH NAMES]]

You've just been handed a chronology of all the men, and one woman, who held four important federal cabinet posts from 1940 to 1990. For 5 points for one correct, 10 points for two, 20 for three, or 30 for all four, tell me what position each column, (A) through (D), represents. You don't need to include the words "minister of". I'll give you 30 seconds.

Answers:

- A. Minister of National Defence
 - B. Minister of External Affairs (or Secretary of State for External Affairs)
(do not accept "Foreign Affairs", because it wasn't called that until 1993)
 - C. Minister of Justice (or Attorney General)
 - D. Minister of Finance
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BONUS 3

[[[Get visual](#) or HAND OUT PAGE SHOWING SELECTIONS FROM PLAYS]]

You've just been handed a page showing excerpts from three plays by Oscar Wilde. Name those three plays, for 10 points each. You have 30 seconds.

Answers:

- A. Salome: A Tragedy in One Act
- B. The Importance of Being Earnest, A Trivial Comedy for Serious People
- C. Lady Windermere's Fan, A Play About a Good Woman

BONUS 4**Auditory bonus: Omit if no working audio.**

I'll play two clips of Canadians singing songs that they've written. After each clip, name the singer for 5 points, and the song for 5 points. I'll give you a bonus 5 points if you get both singer and song correct.

A. [[[Click here to play FARSSIDE-audio4A.mp3](#)]]

Answers: Gordon Lightfoot
Early Morning Rain

B. [[[Click here to play FARSSIDE-audio4B.mp3](#)]]

Answers: Gilles Vigneault ["veen-YO"]
Gens du Pays

(Host: "Gens du pays is considered Quebec's unofficial national anthem.")

BONUS 5

You are standing at a bus stop serviced by two bus lines, "A" and "B", which don't necessarily run with the same frequency. Assume that buses are independent of each other, and assume that for both "A" and "B" bus lines, the probability that a bus will show up in any particular time interval depends only on the length of the time interval.

For 10 points apiece, give the name of the probability distribution that's followed by each of these random variables.

1. The number of line "A" buses that arrive during a one-hour period.

Answer: Poisson distribution

2. The length of time between consecutive arrivals of line "A" buses.

Answer: exponential distribution
(prompt for "more specific" on gamma or beta distribution)

3. The number of buses of line "B" that arrive before the first bus of line "A" arrives.

Answer: geometric distribution
(prompt for "more specific" on negative binomial distribution)

BONUS 6

[[[Get visual](#) or HAND OUT PAGE SHOWING SATELLITE PHOTO]]

You've just been handed a satellite view of the Gulf of St. Lawrence. I'll give you 15 seconds to name, for 10 points each, the island marked "A" and the island groups marked "B" and "C". Hint: despite their proximity, none of them are part of the Maritime provinces or of the province of Newfoundland and Labrador.

Answers:

- A. Anticosti Island (Quebec)
- B. Magdalen Islands, or Les Îles-de-la-Madeleine (Quebec)
- C. Saint Pierre and Miquelon (France)

BONUS 7

Name these dialogues of Plato, for 10 points each.

A. Socrates raises the dilemma, which has come to be named after this dialogue, of "whether the pious or holy is beloved by the gods because it is holy, or holy because it is beloved of the gods. "

Answer: Euthyphro

B. Socrates tells the story of the Egyptian god Theuth's invention of writing, which the chief god Thamus warns "will produce forgetfulness", and will "offer your pupils the appearance of wisdom, not true wisdom, for they will read many things without instruction and will therefore seem to know many things, when they are for the most part ignorant."

Answer: Phaedrus

C. Aristophanes relates how primeval humans each had two faces, four hands and four feet, but after they attacked the gods, an angry Zeus split each of them into two. And that's why, ever since, each one of us has been looking for our other half.

Answer: The Symposium

BONUS 8

Over the past thirty years, among psychologists, the most popular taxonomy of personality traits has been the Big Five model, which measures each of us on five dimensions, with names that start with the letters of the word OCEAN -- that is, O, C, E, A, and N. For 10 points each, given a set of statements about a subject, name which Big Five dimension it tests.

A. "I start conversations. I am the life of the party. I am comfortable around people."

Answer: extraversion

B. "I am always prepared. I like order. I pay attention to details."

Answer: conscientiousness

C. "I get stressed out easily. I get irritated easily. I have frequent mood swings."

Answer: neuroticism

(If anyone's curious, the other two dimensions are agreeableness and openness to experience.)

BONUS 9

Name these unsuccessful candidates for the leadership of the federal New Democratic Party this year. Ten points each.

A. This candidate proposed that the NDP, Liberals, and Greens select joint candidates in Conservative-held ridings.

Answer: Nathan Cullen

B. A former president of the NDP, this candidate's union background included leading the Canadian Auto Workers' negotiations with Ford Canada.

Answer: Peggy Nash

C. A pharmacist with no experience of running for any public office, this candidate proposed a national pharmacare plan to cover prescription medications for all Canadians.

Answer: Martin Singh

BONUS 10

The binding energy of a nuclide is the amount of energy you need to add to it to break it up into its constituent protons and neutrons. For 10 points each:

A. The four nuclides with the highest binding energy per nucleon are all isotopes of two elements. Name either one of these elements.

Answer: iron or nickel

B. In the curve of binding energy per nucleon against number of nucleons, there is a local maximum for this very stable nuclide, such that the only other nuclides with higher binding energy per nucleon have at least three times as many nucleons as this nuclide does.

Answer: helium four (or alpha particle)

C. This is the only other stable isotope of helium that exists. Its abundance on earth is about one millionth that of helium four, but there is evidence that it's more abundant on the moon.

Answer: helium three (or tralphium)

BONUS 11

For 10 points each, name these things associated with Samuel de Champlain, the Father of New France.

A. To relieve winter tedium at Port-Royal, Champlain established this society in which his settlers took turns providing fresh game from the hunt and stewarding dinners featuring music and story-telling, often joined by local native people.

Answer: L'Ordre du Bon-Temps (or the Order of Good Cheer, or the Order of Good Times)

B. Champlain did not have a relationship of good times with what first nation that he fought wars against together with his Huron and Montagnais allies?

Answer: Iroquois

C. Champlain lost this important device in 1613 on a journey up the Ottawa River, but it was found in 1867. It's now a prized possession of the Canadian Museum of Civilization, and is also depicted on Governor-General David Johnston's coat of arms.

Answer: astrolabe

BONUS 12

For 10 points each, name these Mexican states.

A. Its greatest tourist attraction is Copper Canyon, and its greatest tourist repulsion is its biggest city, Ciudad Juarez. In area, it is the largest Mexican state, but its best-known namesake product is famously small.

Answer: Chihuahua

B. Located on the Gulf coast between Veracruz and Campeche, this humid, fertile state is the original source of cocoa beans as well as its namesake chili pepper.

Answer: Tabasco

C. Mexico's southernmost state, it also has the lowest per-capita income. It includes the Mayan ruins of Palenque, and the 1994 Zapatista Rebellion occurred here.

Answer: Chiapas

BONUS 13

Two novels published in 2011 made the shortlists for all the major prizes for Canadian fiction in English, even though neither work is set in Canada. For 5 points for the title, 5 for the author, and a bonus 5 for both title and author correct, name these works from descriptions.

A. Eli and Charlie travel to California during the Gold Rush in order to perform a contract killing.

Answers: The Sisters Brothers
Patrick deWitt

B. Hieronymous, a jazz trumpeter with a German mother and Senegalese father, is arrested after Paris falls to the Nazis. Fifty years later, his bandmate Sid tries to find out what happened to him.

Answers: Half-Blood Blues
Esi Edugyan

BONUS 14

Give these religious terms for things you should avoid. Ten points each.

A. In Roman Catholic doctrine, this kind of sin transgresses "a commandment of God either in a matter which is not so serious, or without full knowledge, or without full consent of the will".

Answer: venial sin

B. This Yiddish word refers to food that is not kosher.

Answer: treif

C. This Arabic word meaning "forbidden" refers to anything that's prohibited by Islamic law.

Answer: haram ["ha-RAM"]

BONUS 15

Name these kinds of bread from India, for 10 points each.

A. A leavened flatbread made from wheat flour, it's baked by sticking the dough on the inside wall of a tandoor oven.

Answer: naan

B. Made from bean or lentil or rice flour, its dough is rolled thin and then deep-fried to make it crisp like a cracker.

Answer: papadum

C. Originating from South India, it's made from a batter of fermented rice and black lentils, and is cooked on a griddle until it comes out as a crisp pancake.

Answer: dosa

BONUS 16

For 10 points each, name these nineteenth-century monarchies that preceded Italian unification.

A. This kingdom was formed in 1720 under Victor Amadeus the Second. In 1861, having annexed all of the other Italian states, it changed its name to the Kingdom of Italy.

Answer: Sardinia (or Piedmont-Sardinia, or Regno di Piedmont-Sardegna)

B. Covering approximately the southern half of modern Italy, this kingdom with its capital at Naples was the largest of the Italian states. It acquired its unusual name from the merger of rival monarchies that claimed the same area.

Answer: Kingdom of the Two Sicilies (or Regno delle Due Sicilie, or Regnu dî Dui Sicili)

C. This grand duchy, with its capital at Florence, was formed in 1569. During the war between Sardinia and Austria, its grand duke Leopold the Second sided with Austria, but after the Sardinians took over the whole country, its people voted to become part of Sardinia.

Answer: Grand Duchy of Tuscany (or Granducato di Toscana)

BONUS 17

For 10 points each, name these coastal deserts.

A. The easternmost part of the Sahara, it is located in northeastern Sudan between the Nile River and the Red Sea.

Answer: Nubian Desert

B. This desert runs along the Atlantic coast of southern Africa, including the entire coastline of a country that's named after it.

Answer: Namib Desert

C. Running along the northern coast of Chile up to the border with Peru, this desert includes dry river beds that have had no water running through them for one hundred and twenty thousand years.

Answer: Atacama Desert

BONUS 18

Victor Hugo published *Les Misérables* one hundred and fifty years ago this year. Name these characters from the novel, for 5 points for one, 10 for two, 20 for three, or 30 for all four correct.

A. This main character, a peasant, had stolen a loaf of bread to feed his family, and was sentenced to five years in prison, which got extended to nineteen years because of his escape attempts. As an ex-convict, he has trouble finding work and being treated fairly.

Answer: Jean Valjean

B. Jean Valjean sees this young servant girl being mistreated by the Thénardier couple, and adopts her.

Answer: Cosette (or Euphrasie Fauchelevant-Pontmercy)

C. Cosette's mother, she was abandoned by her lover and forced to give up their child. In order to pay for Cosette's upkeep, she is forced into prostitution.

Answer: Fantine

D. Throughout the novel, this policeman strives to make sure Jean Valjean faces justice for his crimes. When the revolutionaries capture him, Valjean is given the honour of killing him, but instead lets him go.

Answer: Inspector Javert

BONUS 19

For 10 points each, name these organic substances.

A. The complicated process of glycolysis ends when one molecule of glucose is finally converted into two molecules of what?

Answer: pyruvate or pyruvic acid

B. If oxygen is not present, then in animal cells, anaerobic respiration converts the pyruvate into what?

Answer: lactate or lactic acid

C. In plants and yeast, anaerobic respiration converts pyruvate into carbon dioxide and acetaldehyde, and then the acetaldehyde is converted into what?

Answer: ethanol or ethyl alcohol

BONUS 20

For 10 points each, name these cities in the eastern reaches of the Roman Empire.

A. Located in the Orontes Valley, it was the capital of the province of Syria, and the empire's third largest city, after Rome and Alexandria.

Answer: Antioch

B. A desert oasis on a major caravan route, in the third century it was briefly capital of an empire of its own under Queen Zenobia, who declared independence of Rome and conquered Egypt and much of Asia Minor, before she was defeated at Antioch by Emperor Aurelian.

Answer: Palmyra (or Tadmor)

C. This outpost on the Euphrates river was a Roman frontier fortress until it was overrun and destroyed by the Sassanians in 256. Because it was abandoned permanently, it has become a valuable archaeological site.

Answer: Dura-Europos

BONUS 21

For 10 points each, name these mobile phone makers, none of which is Research In Motion or Apple.

A. During the first quarter of 2012, for the first time ever, this company topped the quarterly rankings of worldwide mobile phone sales.

Answer: Samsung Electronics

B. Samsung overtook this company, which, over the years, has sold the most mobile phones of any company in history.

Answer: Nokia Corporation

C. In Canada, mobile phones made by this other South Korean company now have the second-highest number of subscribers, behind Samsung and ahead of Nokia, Research in Motion, and Apple.

Answer: LG Electronics

BONUS 22

For 10 points each, name these bones of the human body.

A. The head of this limb bone articulates with the acetabulum, and it is the longest of all the bones in the human body.

Answer: femur

B. The smallest bone of the body, it articulates by its head with the incus, and its base is inserted into the oval window.

Answer: stapes (or stirrup)

C. The most lateral bone of the distal row of carpal bones, it is located in the wrist at the base of the thumb.

Answer: trapezium

Vancouver Estival Trivia Open, 2012, FARSIDE team