**VETO 2016 Question Pack (David Putman, Eric Smith, Miran Terzic, Roman Zyla)**

**Tossups**

1. These structures were first discovered in 1852 in the Indian Rhinoceros. In humans, they partially derive from the third and fourth branchial pouches during embryological development. The principal cell type characterizing these structures is the Chief cell; these structures also contain oxyphils. They are characteristically present behind a similarly named structure in the neck. For 10 points, please name these structures which play a key role in maintaining calcium and phosphate homeostasis.

*Parathyroid glands*

2. The Supreme Court of Canada ruled against this man in 1959 in his dispute with Roncarelli, a Jehovah’s Witness whose business had had its liquor licence revoked. The subject of a sympathetic 1977 biography by Conrad Black, this politician’s political party campaigned under the slogan *Le ciel est bleu; l’enfer est rouge (Heaven is blue; Hell is red)*. First elected to the provincial legislature in 1927, he went on to win five elections as premier. For 10 points, name this Quebec politician whose death in 1959 helped usher in the period known as the Quiet Revolution.

*Maurice Duplessis*

3. In this novel, the narrator’s aunt is based on the author’s mother, Gabrielle; additional characters with real-world parallels include Galatea Dunkel and Old Bull Lee. This novel was the second published by the author, the first being *The Town and the City*. A seminal work in the development of the Beat movement, this novel has been cited as inspiration by artists such as Bob Dylan and The Doors. For 10 points, name this novel written by Jack Kerouac which centres on the cross-country adventures of Sal Paradise and Dean Moriarty.

*On the Road*

4. Independence Day in this country is celebrated on March 1st every year; a subset of the country also celebrates National Day in November to mark the formation of a National Anti-Fascist Council in 1943. Previously a territory within the Ottoman Empire, this country was also briefly occupied by the Austro-Hungarian Empire. This country, which includes the cities of Banja Luka and Bijeljina, is one of only a handful in Europe with a Muslim majority population. For 10 points name this former Yugoslav republic with a presidency composed of Serb, Croat and Bosniak members.

*Bosnia and Herzegovina*

5. Born in London, Ontario, this musician was inducted into Canada’s Walk of Fame in 2002. His first Top Ten single, Charmaine, was released on the Columbia Records label in 1927. This musician and his band maintained a decades-long tradition of New Year’s Eve programmes on the radio and television, competing in its later years with Dick Clark’s New Year’s Rockin’ Eve. For 10 points, name this Canadian big-band icon who led the Royal Canadians until his death in 1977.

*Guy Lombardo*

6. This man was awarded the Francis Boyer Award in 1990; subsequent winners have included Dick Cheney and Alan Greenspan. During his early education, he was sympathetic to Marxist thought, but eventually became a champion of free market capitalism under the influence of the Chicago School of Economics, where he completed his PhD in 1968. During the Reagan administration, he famously spoke out against judicial activism and in favour of the nomination of Robert Bork during the latter’s nomination hearing for the United States Supreme Court. For 10 points, name this African-American economist, a frequent contributor to National Review, whose works include *Basic Economics* and *Intellectuals and Society*.

*Thomas Sowell*

7. The all-instrumental theme song for this television series has a vocal adaptation entitled “Did I Make the Most of Loving You?” The executive producer of this series previously gained fame when he won the Academy Award for Best Original Screenplay for Gosford Park. The cast of this series includes Amy Nuttall as maid Ethel Parks and Allen Leech as chauffeur Tom Branson. For 10 points, name this television series which follows the lives of the Crawley family and their assembly of servants.

*Downton Abbey*

8. On July 21 2015, the CEO of this company resigned in the face of an accounting scandal, referring to it as “the most damaging event for our brand in the company’s 140-year history.” Products produced by this company include MRI scanners, semiconducters, fuel cells and consumer electronics. This company was the principal backer of the HD DVD format, eventually admitting defeat to Blu-ray. For 10 points, name this Japanese conglomerate founded as Tokyo Shibaura Electric KK in 1938.

*Toshiba*

9. Dividing this physical quantity by 2 times pi defines the Dirac constant, which is approximately equal to 1.05 x 10-34 Joule seconds. Empirical determination of this physical quantity can be theoretically accomplished through measuring the kinetic energy of photoelectrons. This physical quantity is used in equations associating photon energy with wave frequency, linear momentum and de Broglie wavelength and plays a role in defining the Avogadro constant. For 10 points, give the eponymous name for this value which is the quantum of action in quantum mechanics.

*Planck’s constant*

10. The Community of Sant’Egidio mediated negotiations between the warring factions in this conflict, which ended in 1992 with the signing of the Rome General Peace Accords. Foreign involvement in this conflict included support from Tanzania for the government and funding of the rebels by the apartheid regime in South Africa. Leaders in this conflict included Afonso Dhlakama for the rebels, and President Joaquim Chissano for the government. For 10 points, name this conflict which broke out in the aftermath of the Portuguese colonial withdrawal, in which the rebel group RENAMO fought against the army of the governing FRELIMO party.

*Mozambican Civil War (*accept *Mozambique Civil War* or other obvious variations*)*

11. This author is credited with the quote: *Manners are especially the need of the plain. The pretty can get away with anything.* A devout Catholic, he was nevertheless accused of blasphemy for sections of his book *Black Mischief* by the Catholic journal *The Tablet*. During World War II, he served as part of a military mission to Yugoslavia alongside Randolph Churchill and wrote the novel which he would later consider his *magnum opus*. For 10 points, name this English author whose works include *Scoop* and *Brideshead Revisited*.

*Evelyn Waugh*

12. Legislation sponsored by this individual includes S.505, “A bill to prohibit the use of drones to kill citizens of the United States within the United States.” Appointed at the age of 32, this individual served the longest tenure as Solicitor General of Texas and argued 9 cases before the United States Supreme Court. This individual has previously remarked “I’m Cuban, Irish, and Italian, and yet somehow I ended up Southern Baptist.” For 10 points, name this junior United States Senator from Texas who recently lost to Donald Trump in the 2016 Republican presidential primaries.

*Senator Ted Cruz*

13. The impact of this technique led to its developer, Kary Mullis, being awarded the Nobel Prize for Chemistry in 1993. Applications of this technique include the diagnosis of *Chlamydia trachomatis* infections and paternity testing, among others. Key components of this technique include a heat-stable DNA polymerase and a pair of custom-designed primers which are complementary to the flanking regions of the sequence of interest. For 10 points, name this technique in molecular biology which is used to amplify specific sequences of DNA.

*PCR or Polymerase Chain Reaction*

14. The current editor of this periodical is David Remnick, previously the Moscow correspondent for the Washington Post. The median household income of readers of this periodical has been cited as 100,877 USD. In its 90+ year history it has published the writings of authors such as Truman Capote, Vladimir Nabokov and Dorothy Parker. This periodical attracted controversy when, in response to the United States Supreme Court striking down the Defense of Marriage Act, it featured the Sesame Street characters Bert and Ernie on its cover. For 10 points, name this near-weekly periodical which is famous for its single-panel cartoons.

*The New Yorker*

15. With a population of just over 135000, this municipality was the 34th largest in Canada according to the 2011 Census. This city’s institutions include the MacLaren Art Centre and the main campus of Georgian College. This city gained unwanted notoriety in 2004 when police discovered Canada’s largest cannabis grow op in the former Molson brewery. For 10 points, name this Ontario city located on Lake Simcoe, which is home to the OHL’s Colts.

*Barrie*

16. He was appointed to a professorship at the University of Bonn in 1959, delivering his first lecture on “The God of Faith and the God of Philosophy.” He was ordained to the priesthood by Cardinal Michael von Faulhaber in 1951, alongside his brother Georg. Documents authored by this individual include the Apostolic Letter *Summorum Pontificum* and the encyclical *Caritas in Veritate*. For 10 points, name this religious figure who in 2013 added the honorific *Emeritus* to his title.

*Pope (Emeritus) Benedict XVI* or *Joseph Aloisius Ratzinger*

17. In 1924, this individual was appointed the first commandant of the Whampoa Military Academy. His wife, Mei-ling, played an influential role during his political career, in particular facilitating his positive image in the United States and promoting his New Life Movement to the domestic populace in China. He was a participant in the Cairo Conference during World War II, alongside Franklin Delano Roosevelt and Winston Churchill. For 10 points, name this statesman who was President of the Republic of China until his death in 1975.

*Chiang Kai-Shek* or *Jian Jieshi* or *Jiang Zhongzheng*

18.At this sporting event, only one female athlete, competing in equestrian, was not required to undergo sex verification testing. This event was boycotted by a number of African states in protest at the inclusion of New Zealand, whose rugby team had previously toured apartheid South Africa. Competitors at this event included future IOC president Thomas Bach and future Japanese Prime Minister Taro Aso. The host nation finished with 11 medals at this event, none of them gold. For 10 points, name this sporting event which was the first of its kind to be hosted in Canada.

*1976 Summer Olympics* or *Games of the XXI Olympiad* (prompt for year if answered *“Montreal Olympics”)*

19. The meaning of this settlement’s name is *People of the parting of the rocks* in the Omushkegowuk language. This community lends its name to a local kimberlite field, which is the site of the first diamond mine developed in Ontario. The chief of this community between 2010 and 2015 was Theresa Spence, who called attention to inadequate housing and other resource shortages in the community. For 10 points, name this First Nations community which gained significant attention after 11 residents attempted suicide on a single day in April of 2016.

*Attawapiskat First Nation*

20. A tapestry version of this painting hung at the entrance to the UN Security Council between 1985 and 2009, and was controversially covered up during a US government press conference in the lead up to the invasion of Iraq in 2003. A sculpture with the same name as this painting was made by Rene Iche; both the sculpture and the painting were created in the same year, 1937. The dimensions of this painting measure 349 cm by 776 cm. For 10 points, name this painting by Pablo Picasso which illustrates the bombing of the titular Basque village during the Spanish Civil War.

*Guernica*

21. Candidates in this election included Allan L Benson for the Socialist Party and Frank Hanly for the Prohibition Party. To date, this election represented the last time that a US Supreme Court Justice resigned his or her seat to run for elected office. The winning candidate in this election repeatedly used the slogan *He kept us out of war* during the campaign, which could refer to either Europe or Mexico; this fact would, however, remain short-lived. For 10 points, name this election which saw Woodrow Wilson defeat Charles Evans Hughes by 23 electoral college votes.

*1916 United States Presidential Election (*accept obvious variants*)*

22. A unique feature of this monomictic body of water is its collection of artificial islands, called Uros, which are home to several thousand people in total. The city of Puno is located on the shore of this body of water, which flows out via Lago Huinaimarca and the Rio Desaguadero into Lake Poopo. This body of water is situated in the Tinajani Basin, and straddles the border of Peru and Bolivia. For 10 points, name this body of water which is the largest lake, by volume, in South America.

*Lake Titicaca*

23.This event began on July 15, 2016 with the occupation of the offices of the Justice and Development Party and Taksim Square, among other locations. Cited motivations for this event, which resulted in the deaths of over 250 people and the arrest of several thousand more, included growing human rights abuses and a perceived threat to secularism. Some have accused self-exiled cleric Fethullah Gulen to be a key instigator of this event. For 10 points, name this event which briefly threatened the rule of President Recep Tayyip Erdogan.

*2016 Turkish coup d’etat attempt (*accept obvious variants*)*

24. The mythology of Middle-Earth suggests that Morgoth created the race of Trolls as a mockery of these creatures. Closely related to these creatures are the Huorns, which played a pivotal role in the Battle of the Hornburg. It was suggested that these creatures were created at the request of Yavanna, who feared the deleterious impact that the race of Dwarves would have on the forests of Middle-Earth. For 10 points, name this race of fantastical beings, created by JRR Tolkien, of which Quickbeam and Treebeard are two famous examples.

*Ents*

**Bonuses**

1. For 10 points each, answer these questions about winners of the Giller Prize.
	1. The first author to win the Giller Prize was this man, for his novel *The Book of Secrets*.

*Moyez G Vassanji*

* 1. MG Vassanji won a second Giller Prize in 2003, for which novel?

*The In-Between World of Vikram Lall*

* 1. The Giller Prize has only ever been shared once in its history. Name either of the two authors who won the Prize in 2000.

*Michael Ondaatje* or *David Adams Richards*

1. For 10 points, answer these questions about theologians.
	1. The writings of this Muslim theologian of Persian descent include *The Incoherence of the Philosophers* and *The Revival of Religious Sciences*.

*Abu Hamid Muhammad inb Muhammad al-Ghazali*

* 1. Theological contributions made by this Roman Catholic Scholastic philosopher include his *Quinque viae (Five Proofs)* and his *Summa contra Gentiles*.

*St Thomas Aquinas*

* 1. Considered the father of Christian Reconstructionism, this Calvinist theologian, who wrote *The Institutes of Biblical Law*, has attracted controversy for advocating the implementation of Mosaic law as the law of the land in the United States.

*Rousas John Rushdoony*

1. For 10 points each, given the picture of an element in its pure form, identify the element.
	1. *bismuth*
	2. *gallium*
	3. *phosphorus*
2. For 10 points each, answer these questions about political periodicals.
	1. This conservative author, who participated in a series of televised debates in 1968 with Gore Vidal, founded the magazine *National Review* in 1955.

*William F. Buckley*

* 1. Michael Straight, the editor of this liberal political magazine from 1948 to 1956, was discovered to be a spy for the KGB.

*The New Republic*

* 1. The bimonthly journal *Foreign Affairs* is published by this influential foreign policy think tank headquartered in New York City.

*The Council on Foreign Relations*

1. For 10 points, answer these questions about ethically questionable experiments in the social sciences.
	1. This man gained notoriety for leading the infamous Stanford prison experiment, where college students were assigned to play either prisoners or wardens.

*Philip Zimbardo*

* 1. In 1920, John B Watson published a study describing the use of classical conditioning to make an infant, known only by this name, fear furry objects.

*Little Albert*

* 1. In an experiment called *The Aversion Project*, the army in this country forced suspected gay soldiers to undergo chemical castration and other medical procedures; many of these intereventions occurred at 1 Military Hospital at Voortrekkerhoogte.

*South Africa*

1. For 10 points each, identify these autonomous sub-national entities from their flags.
	1. *Greenland*
	2. *Basque Autonomous Region*
	3. *Chechen Republic* or *Chechnya*
2. Current Events – Rio Olympics
	1. Rio de Janeiro sites on this body of water, which will be used for the sailing and windsurfing competitions, and which has been the target of concern over its heavily polluted condition.

*Guanabara Bay*

* 1. As head of state, this individual was responsible for declaring the Olympic Games open.

*Michel Temer*

* 1. These two sports, which did not feature in London in 2012, were added to the program for the Rio Olympics.

*Golf* and *Rugby Sevens* (prompt on *Rugby*)

1. Religion – Apocalypse Myths
	1. Events predicted by Norse mythology to occur during this event include the deaths of the gods Odin and Loki, and the submersion of the world under water.

*Ragnarok*

* 1. Hypothesized identities of these individuals, described in the Book of Revelation, are Pestilence, War, Famine and Death.

*Four Horsemen of the Apocalypse*

* 1. In the Avestan language, the term Saoshyant refers to an apocalyptic figure who brings about the final renovation of the world in the eschatology of this religion.

*Zoroastrianism* or *Mazdayasna*

1. You may not have heard, but in November there will be a presidential election in the United States. For 10 points each, answer these questions about candidates in the election.
	1. Gary Johnson, the nominee for the Libertarian Party, was previously governor of which US state?

*New Mexico*

* 1. This woman is the presumptive nominee for president of the Green Party of the United States.

*Jill Stein*

* 1. James Hedges is the 2016 presidential nominee for this political party, which is the longest-lived political party in the United States after the Democrats and Republicans, and which was the first to accept women as party members with full delegate rights.

*Prohibition Party*

1. For 10 points each, answer these questions about international territorial disputes.
	1. The region of Abyei was the centre of a territorial dispute between these two states.

*Sudan* and *South Sudan* (do not accept *Southern Sudan*)

* 1. A dispute over the status of this *de facto* autonomous region has resulted in the absence of diplomatic relations between Armenia and Azerbaijan.

*Nagorno-Karabakh*

* 1. A dispute over sovereignty of certain islands in this border river between China and North Korea was eventually settled in 2005.

*Yalu River* or *Amnok River*

1. Sports – Canadian Golfers
	1. In 2003, this golfer became the first Canadian to win the fabled green jacket as champion of the Masters Tournament.

*Mike Weir*

* 1. So far in 2016, this golfer from Smiths Falls, Ontario has won the KPMG Women’s PGA Championship and the Cambia Portland Classic.

*Brooke Henderson*

* 1. The last Canadian to win this golf tournament was Pat Fletcher, in 1954.

*Canadian Open*

1. Multimedia bonus. For 10 points each, in which city are each of the pictured cathedrals located?
	1. *Brasilia*
	2. *Paris*
	3. *Milan*
2. For 10 points each, answer the following questions about female firsts who are not Hillary Clinton.
	1. The first woman in space piloted *Vostok 6* in June 1963. What was her name?

*Valentine Tereshkova*

* 1. The first female elected head of state in Africa was this woman, who shared the Nobel Peace Prize in 2011. Name either the woman or the nation of which she became president in 2006.

*Ellen Johnson Sirleaf*

* 1. Everybody knows that the first woman to win the Nobel Prize was Marie Curie, in 1903. Name the Austrian who was the first woman to win the Nobel Peace Prize, in 1905.

*Bertha von Suttner*

1. For 10 points each, answer these questions about Pokémon Go.
	1. What is the name of the San Francisco-based company which developed the Pokémon Go app?

*Niantic*

* 1. Pokémon Go is an example of a technology called AR. What does AR stand for?

*Augmented Reality*

* 1. An online video caused a furor in Toronto because it appeared to show actor Mark Correia playing Pokémon Go in what location?

*on the tracks at Union Station*

1. Multimedia bonus. For 10 points each, identify the pictured model organisms. Either the scientific or common name is acceptable.
	1. *zebrafish* or *Danio rerio*
	2. *Arabidopsis (*or *thale cress* or *mouse-ear cress*) or *Arabidopsis thaliana*
	3. *nematode* or *Caenorhabditis elegans*
2. Multimedia bonus. For 10 points, identify the well-known artists responsible for the pictured album covers.
	1. *Keith Haring*
	2. *Andy Warhol*
	3. *Jean-Michel Basquiat*
3. For 10 points each, answer these questions about geographical second-bests.
	1. What is the second highest peak in North America?

*Mount Logan*

* 1. Which nation has the second-largest population in Africa?

*Ethiopia*

* 1. By per capita GDP, what is the second-richest nation in the world? *Note: figures based on the 2015 World Bank rankings.*

*Luxembourg*

1. For 10 points each, answer these questions about the Mexican Revolution.
	1. The revolution started in 1910 following the ouster of which long-time president?

*Porfirio Diaz*

* 1. The initial leader of the Revolution was this man, who contested the 1910 election against Diaz, who served as president from 1911 until his overthrow in 1913.

*Francisco Madero*

* 1. One of the most successful military leaders was this man, known for significant victories at Tierra Blanca and Zacatecas as well as a 1916 raid into U.S. territory. He was assassinated in 1923.

*Pancho Villa*

1. For 10 points each, identify the pictured 20th Century premiers of Quebec.
	1. *Robert Bourassa*
	2. *Pierre-Marc Johnson*
	3. *Bernard Landry*
2. For 10 points each, answer these questions about inborn errors of metabolism.
	1. This inborn error of metabolism, which results in severe neurological impairment if not promptly diagnosed and treated, is the result of a deficiency in the enzyme phenylalanine hydroxylase.

*PKU* or *phenylketonuria*

* 1. Gaucher’s disease is caused by a defect in the breakdown of glucocerebrosides in this organelle.

*lysosomes*

* 1. Pompe disease is caused by the abnormal buildup in the lysosomes of this compound, a form of long-term glucose storage in humans.

*Glycogen*

1. For 10 points each, answer these questions about literary murderers.
	1. Believing himself to be a “great man” for whom ordinary morality does not apply, this character murders pawnbroker Alyona Ivanovna and robs her of her money.

*Rodion Romanovich Raskolnikov*

* 1. In this novel, the pornographer Clare Quilty is murdered by the narrator, Humbert Humbert.

*Lolita*

* 1. In *Macbeth*, the title character successfully arranges the assassination of this man, but his killers are unable to prevent his son Fleance from escaping.

*Banquo*

1. For 10 points each, answer these questions about the construction of the Canadian Pacific Railway.
	1. The construction of the railway was described in the book *The Last Spike*, written by this famed Canadian author.

*Pierre Berton*

* 1. The last spike was driven in at Craigellachie, British Columbia by this man.

*Donald Smith* or *Lord Strathcona*

* 1. Arguably the riskiest stretch of the original Canadian Pacific Railway went through this mountain pass, connecting Lake Louise, Albert and Field, British Columbia, which featured a 7 km stretch at a 4.5 percent gradient.

*Kicking Horse Pass*