**VETO 2014**

**Packet by Masked Canadian Victory Bandits (Masked Canadian History Bandit and Masked Canadian Electrical Engineering Bandit)**

**Tossups**

1. In one early, unfinished work by this author, the title character is asked to reenact *Hamlet* with Sofia as Ophelia and is described as “the hero of an unfinished novel.” In another work by this author, a self-righteous doctor who constantly reminds everyone how honest he is and makes a personal crusade out of informing everyone he could of the title character’s infidelities and imagined plans to marry Sasha. In another work by this author, Nina has a medallion that says “if you ever need my life, come take it. In yet another work by this author, the title character tries to shoot Professor Serebryakov after learning of the latter’s attempts to sell the country estate that the title character managed.  In yet another work by this author of *Platonov* and *Ivanov*, the serving man Firs is forgotten and then lies down and decides to die as the sound of axes are heard destroying the title location. For 10 points, name this author of plays such as *The Seagull, Uncle Vanya*, and *The Cherry Orchard*.

ANSWER: Anton **Chekhov**

2. The latest iteration of this event will be the last time that the World Championship Blacksmithing Competition is held during it. After the 2012 iteration of this event a Kalamazoo police officer recounted how he wished that he was “packing heat” when approached by men trying to give him free tickets to this event; that incident sparked the Twitter hashtag #NoseHillGentlemen. During this event, residents of the city it occurs in typically wear black hats while visitors wear white hats and the Treaty Seven First Nations set up an Indian Village exhibition. The first iteration of this event was in 1912 and was organized by American promoter Guy Weadick, who also popularized its controversial sport of chuckwagon racing. For 10 points, name this “Greatest Outdoor Show on Earth,” a rodeo festival that takes place in the most populous city of Alberta.

ANSWER: Calgary **Stampede**

3. For one version of this technique, HARDI and Q-Ball are two methods to fix problems with the ellipse model, that is the diffusion type of this technique. That type of this technique relies on the Bloch-Torrey equations to account for diffusion. An advanced version of this technique used for spectroscopy uses stimulated echo acquisition mode and point-resolved spectroscopy sequence. When this technique is used for angiography, Gd-DTPA is injected as a contrast agent, which reduces the T1 of blood followed by a pulse to remove the signal from background tissue. This medical imaging modality acquires data in k-space, followed by a filtered backprojection algorithm to generate a 2d slice of the image, and physically relies on Larmor precession, with human imaging developed from NMR. For ten points, name this imaging modality that makes uses of massive, supercool magnets to form a gradient field.

ANSWER: **Magnetic Resonance Imaging** [or **MRI**]

4. This author of the essay “Ideas that Have Harmed Mankind” lists pride and envy among causes for continued harm and concludes with the hope that “the hydrogen bomb will terrify mankind into sanity”. Another essay of his begins “Politics is largely governed by sententious platitudes which are devoid of truth”, that work is “An Outline of Intellectual Rubbish”. This man put forward the idea of logical atomism and in another work distinguished between knowledge by description and knowledge by acquaintance. This philosopher published two well received works for the general public, *The Problems of Philosophy* and *A History of Western Philosophy* and is credited as one of the co-founders of analytic philosophy along with G. E. Moore. For ten points, name this British thinker, Nobel Laureate and author of  *On Denoting* and “Why I am not a Christian”.

ANSWER: Bertrand **Russell**

5. Members of this genus produces chemicals such as phospholipase A2 and uniquely melittin in its venom sac, while to survive during the winters they will huddle and rotate from the outside in to ensure survival. Among others of its species, this genus is unique in its process of finding a new home – it will move in a swarm as opposed to moving in a solitary manner. Younger, female members of this genus will produce royal jelly which feeds larvae. These creatures have a pollen basket located on their hind legs that they periodically move pollen to and are currently suffering from a pesticide-induced colony collapse disorder. For ten points, name this genus from order *Hymenoptera* that is known to dance to communicate and produce a namesake sweetener.

ANSWER: **Honeybee** or ***Apis*** [prompt **bee**]

6. A person with this surname was the deputy Canadian commissioner for the International Commission of Control and Supervision in Vietnam and served as UN Ambassador from 1972-1976. That person with this surname joined George Gallup to write *The Pulse of Democracy*. Another figure with this surname tabled the rider amendment that brought down Joe Clark’s government and formed an accord with David Peterson’s government in 1985 before winning the next election on the back of promises such as public auto insurance. That figure with this surname, the son of the aforementioned Saul, proposed a controversial Social Contract that a measure to save money and jobs at the same time which involved forcing public servants to take 12 days of unpaid leave each year, a measure which became known as his namesake “days.” For 10 points each, name this surname of the interim Liberal leader between Ignatieff and Trudeau who served as Ontario’s only NDP premier.

ANSWER: **Rae**

7. Two methods of protecting against these mythical creatures include throwing fire into water used to wash feet, or laying the father’s trousers over a cradle to protect babies. One of these creatures had a festival in her honour, Mabon, at the Autumn Equinox each year, while another ruled Avalon and was half-sister to King Arthur. In Scotland, these beings are divided into nicer and meaner ones through the Seelie Court and the Unseelie Court respectively, and perhaps the best known way to ward off these creatures is cold iron. In some mythologies, it is often hazardous to travel to the homeland of these creatures, which is also known as Elfame, though Thomas the Rhymer is said to have gone there and back. For ten points, name these sometimes small, often mischievous beings, one of which takes teeth and leaves money.

ANSWER: **fairy** or **fae**

8. In 1983, a player from this country recorded the first perfect 147 point game in the world championship of billiards. This country’s most accomplished darts player is John Part. The top ranked table tennis player from this country is Eugene Wang, and the first gold medalist for this country at the 2008 Olympics was freestyle wrestler Carol Huynh. At the 2012 London Olympics this country’s women’s badminton doubles placed last in their group, which included the disqualified Chinese and Korean pairs. This country, along with Iraq, has only qualified for FIFA in one year, 1986, at which point they again placed last in their group with zero goals scored and five against. This country has won a single Olympic tennis medal, gold, which was at the 2000 Sydney Olympics in men’s doubles played by Sebastien Lareau and Daniel Nestor. Notable rising tennis players from this country include Milos Raonic and Eugenie Bouchard. For ten points, name this North American country whose national sports are ice hockey and lacrosse, home of Wayne Gretzky.

ANSWER: **Canada**

9. This entity is mentioned in the titles of a trio of flute concertos by Vivaldi, these are RV 98, 433, and 570. Four interludes by Britten are named after this entity and are performed together with *Peter Grimes*, and the third movement of *Miroirs*, a solo piano suite by Ravel is also named after this type of place. *Sabbath Morning at* this type of entity can be found in a collection of five songs by Edward Elgar named for pictures of it. Ralph Vaughn Williams’s first and longest symphony has a title naming this type of entity and features four movements, the last of which is “Passage to India”. One work taking its name from this setting is subtitled three symphonic sketches for orchestra and has a second movement titled “Jeux de vagues” or “Play of the Waves”. For ten points, name this entity that gives its name to Debussy’s *La Mer*.

ANSWER: **Sea** or **Ocean**

10. Nanoparticles with the super form of this property are used in certain types of particle imaging because they lack a hysteresis curve under a changing magnetic field and thus their magnetization obeys the Langevin function. Materials can gain the super form of this property as particles small enough to be single-domain, but will also become subject to Neel relaxation. Titanium 4+ and Copper + do not have this property despite having an unpaired electron, while ferromagnets will gain this property above the Curie temperature. Diatomic oxygen has this property which causes materials to align to an external magnetic field. For ten points, name this type of magnetism, stronger than diamagnetism and weaker than ferromagnetism.

ANSWER: **Paramagnetism**

11. In this play, one character prevents another from ever sleeping because he feels lonely, but then refuses to listen to the other character recounting his dream. The titular character of this work is said to beat a goatherd’s brother but does not beat the goatherd. At the beginning of the second act of this play, one character sings the lines “then all the dogs came running, and dug the dog a tomb” multiple times, that character also helps to put boots onto the other main characters feet. Those characters refer to each other as Gogo and Didi. This play also features traveling master and slave who become blind and mute respectively after the second act, Pozzo and Lucky. For ten points, name this absurdist play by Samuel Beckett centering on dialogue between Estragon and Vladimir as they expect a person who never shows.

ANSWER: **Waiting for Godot** [or **En Attendant Godot**]

12. The position of Grandmaster of the Knights Hospitaller was given to a holder of this title after Napoleon sacked Malta. Sigismund III Vasa lost the chance for his dynasty to take over this title when he insisted that he and not his son should hold this title. The ascension of one person to this title was acknowledged by Frederick the Great was called the Miracle of the House of Brandenburg. Alexander Benckendorff was the first leader of one secret police organization formed to serve a holder of this title; that organization was the Third Section. The first holder of this title to use its westernized form also created a Table of Ranks, the Twelve Colleges, cut the boyars beards and created a “window to the west” on the Baltic Sea named after himself. For 10 points, name this title held by rulers such as Alexander II, who liberated the serfs, and Peter the Great.

ANSWER: **Emperor of Russia** [or the Russian **Tsar**]

13. The first couple versions of this object has a four-quartered coat of arms with a white woman on a red background holding a white anchor in the top left, a apple tree on a yellow background  in the bottom left, and a white cart on a green background in the bottom right. The penultimate version of this object has an equally wide orange, white, and blue horizontal stripes running  from top to bottom and a two horizontal flags sandwiching a vertical flag in the middle stripe. The current version of this object has a yellow-bordered black triangle on the left, a red band on the top, a blue band on the bottom, and a white-bordered green band in the centre that splits into a Y on the left. The current version of this object has the same colors as one of the flags on the older version, namely the Flag of Transvaal.  For 10 points, name this object, whose current version is flown on flagpoles in front of government buildings in  cities such as Bloemfontein, Pretoria, and Cape Town.

ANSWER: **Flag**s of the Republic of **South Africa** [or equivalents like **RSA flags**]

14. One figure in this work wears a orange and blue shirt and a cap whose brim is decorated with red, white, and yellow triangles. Both main figures in this work are wearing multicoloured bead necklaces, although figure on the right has a cross attached to the beads. A half-red, half-white circle is in the left foreground while a face in a yellow church is in the upper centre of this work. A faint line connects the eyes of the two central figures of this work, one of whom is feeding the other with what looks like a tree. Other figures in this work include a woman milking a cow on the left and a man carrying a scythe by a blue-skirted woman who like two nearby houses, is upside-down. For 10 points,  a large goat and green-skinned man dominate what painting allegedly depicting Vitebsk, Belarus by Marc Chagall?

ANSWER: **I and the Village**

15. In one appearance group sings a love song as they about to be reincarnated so they can hound the target of that song to an early death after his own reincarnation. In another experience, this group interrupts a trial to point out that Book 22 of the evidence shows that they were raped. In one appearance, this group wonders if they would have killed a man while he was an infant if they knew he would kill them when he grew up. In a reinterpretation of a scene the source text of this group, another character identifies this group with a group of twenty geese attacked by an eagle in her dream. This group, which includes Melantho of the Fair Cheeks, first describes themselves as “the ones you killed, the ones you failed” and are recruited by that other character as spies, but are killed while that other character is asleep. This group serves as a feminist chorus throughout Margaret Atwood’s retelling of Homer’s *Odyssey*. For 10 points, name this group of twelve Ithacan servants hanged for sleeping with suitors of Odysseus’s wife.

ANSWER:  **Penelope’s** hand**maid**en**s** in Margaret Atwood’s Penelopiad [or equivalents like **Oysseus’s serving girls** before “Odysseus “ is read; prompt on stuff like “maids”, “servants”, “Ithacans”]

16. A clitic is one of these units that is phonologically bound to another word, but is syntactically free. The cranberry version of this unit is one that appears in only a single word and is a subset of the bound version of this unit, which can be either derivational or inflectional. One of these units that is free can occur on its own, while ablauts can be considered a ‘replacive’ one of these. A stem is one of these that consists of a root plus any derivational affixes, but Arabic, since it is nonconcatenative, uses theoretical ‘skeletons’ of these units. Most single Chinese characters are one of these, but some transliterations require two or three syllables to be one of these units. In the English language, “cran”, “berry” and all affixes are, for ten points, what smallest meaningful unit in a language’s grammar.

ANSWER: **morpheme**

17. This president reaffirmed the Monroe Doctrine in a speech that reinterpreted the doctrine from merely closing the Western Hemisphere to European colonialism to an interpretation which held that the European powers should have no say in American expansion. This president’s administration authorized the Smithsonian Institute, opened the Baltimore Naval Academy, and created the Department of the Interior. In the only election that this president won, he emerged as his party’s candidate in the convention at Baltimore despite far more famous opponents, leading his opponent, Henry Clay, to question “Who’s [this president]?” . Despite that, this president went on to be widely successful and managed to pass the Walker tariff and use aggressive diplomacy to obtain the Oregon Treaty with the United Kingdom. This 11th president of the United States served after John Tyler and before Zachary Taylor and is the last highly regarded president before the Civil War. For 10 points, name this Democratic president who was the “dark horse” candidate and winner of the 1844 election, who’s best known for defeating Mexico in the Mexican-American War.

ANSWER: James Knox **Polk**

18. One member of this ethnic group won the 1995 Sakharov prize after being stripped of her parliamentary immunity and imprisoned. That member of this ethnic group was Leyla Zana, an MP from the DTP party, which was the successor of parties such as HADEP and DEHAP that fought for the rights of this ethnic group. The Susurluk Incident revealed that after the collapse of the USSR, the Deep State’s Counter-Guerilla was primarily used against a terrorist organization supporting this ethnic group led by Abdullah Ocalan. This July, members of this ethnic group in another country declared their intent to hold an independence referendum shortly after their pershmerga militia seized the city of Kirkut amidst the ISIS offensive towards Baghdad. For 10 points, name this ethnic group which has a namesake Worker’s Party in Turkey and an autonomous region in Iraq that has long sought an independent, namesake state.

ANSWER: **Kurds**

19. This element’s compound with bismuth was first used in an oxidation reaction in 1934 using Ph3Bi(OH)2, while this element’s important ligands with ruthenium form both the Shvo catalyst and the Grubbs’ catalyst. The black form of this element can cause pneumoconiosis, while nanoparticles of this element is toxic to fruit flies. Though not oxygen, one compound involving this element was once called ‘aerial acid’ and the cheapest production method for the thinnest physical pure substance of this element can be created using strips of scotch tape. This element can form a reinforced polymer by taking producing this element’s filament from a precursor polymer such pitch that forms this element’s namesake fibre. For 10 points, name this element that together with iron forms steel, with atomic number 6.

ANSWER: **Carbon** [or **C**]

20. One ‘later’ time period with this name started when Gyeon Hwon rebelled and started his own country, only to end when Gyeon Hwon joined his enemy to conquer the country he started. Another king during that time period was formerly a Buddhist monk who gained command under Yang-gil, but then overturned Yang-gil and established his own country with capital at Songak. An earlier time period of the same name ended when the kingdom of Silla conquered Goguryeo with the aid of the Tang dynasty, and much of the archeological evidence for that time period of this name comes from excavated burials. The best known time period of this name existed contemporaneously briefly with the previously mentioned one and contains the Battle of Red Cliff. For ten points, name this moniker that covers two time periods in Korean history as well as that of leaders such as Liu Bei and Cao Cao.

ANSWER: **Three Kingdoms**

21. One factor accounted for in this article was the eight hundred thousand frelars raised to rescue the party in question. In this article, Handy appeals to the court of public opinion while Tatting appeals to the precedent set by the conviction of a certain Valjean and then recuse himself. Keen criticized Truepenny’s appeal to clemency to the executive for breaching separation of powers and Foster argues that the party in question had acted not in a “state of civil society” but in a “state of nature.” The case in this article occurs after a petition of error is submitted in respect to the judgement of the Court of General Instances in the County of Stowfield after the party in question was sentenced to hang for the murder of Roger Whetmore. This article describes a scenario in the year 4300 in the fictional Supreme Court of Newgarth in which the conflicting schools of positive and natural law result in a tie result. For 10 points, name this 1949 *Harvard Law Review* article on legal philosophy by L. Ron Fuller which explores what five judges adhering to different schools of legal theory rule in a cannibalism case involving the title group.

ANSWER: The **Case of the Speluncean Explorers**

22. One essay published during this movement by the founder of this movement begins by saying the titular concept “should force change, it should be change”; that work is “The Revolutionary Theatre”. Two New York based magazines, *Freedomways* and *Liberator*, were important in spreading the earlier works of this literary movement nationally, but this movement began to decline in 1974, corresponding with the dwindling of the Black Power movement. This movement’s founder, Leroi Jones was known for the violence in his poetry, and this movement began after the assassination of Malcolm X which led to the involvement of Maya Angelou in this movement as well. For ten points, name this literary movement that also names a poem by Amiri Baraka, a period of time in which controversial literature and creativity boomed within a certain marginalized demographic in America.

ANSWER **Black Arts** Movement

23. The family of this leader took the surname Du Lis due to this leader’s heroic actions in battle, while later twelve propositions denouncing this leader was approved by the University of Paris.This figure fought alongside a later convicted serial killer of children, though in Gilles de Rais’ confessions, his first murder comes only after this leader’s death. This leader was supported by a group of theologians at Poitiers and at this leader’s death, Jean Tressard, secretary to the King of England, exclaimed, “we are all ruined, for a good and holy person was burned”. This figure brought victory at the siege of Orleans and later fought through an arrow wound at Les Tourelles. For ten points, name this young woman that supported the Dauphin Charles VII and burned at the stake in Rouen, the Maid of Orleans.

ANSWER: **Joan of Arc** [or **Jeanne d’Arc**]

24. This is the primary weapon of Eraseman.EXE in the last *Megaman Battle Network* game*.* This object is used by the final boss of the first expansion to *Neverwinter Nights 2*, while a four bladed laser version is wielded by Arumat in *Star Ocean: The Last Hope*.In *Soul Caliber III*, the character Zasalamel uses one of these weapons which eventually absorbs both Soul Edge and Soul Calibur. This weapon of Vyse is colloquially known as Guinsoo or Sheepstick in *Dota 2*, and Fiddlesticks holds one of these weapons in another MOBA, *League of Legends*. Dante replaces his halberd with one of these weapons after the first boss fight of *Dante’s Inferno*, and Manny Calavera from *Grim Fandango* states that he likes to keep one of these next to where his heart used to be. For ten points, name this type of weapon most iconically used by characters representing Death or the Grim Reaper.

ANSWER: **Scythe**

**Bonuses**

1. This ongoing military operation was authorized by UNSC resolution 2085 and resulted in victories such as the Battle of Konna. For 10 points each:

[10] Name this operation against groups like Ansar Dine, the MNLA, and AQIM, which defeated in nascent state of Azawad.

ANSWER: Operation **Serval** [or **French intervention in Mali**; prompt on “intervention in Mali”]

[10] Operation Serval was authorized by this socialist President of France, who among other things proposed a 75% tax on his country’s super rich. He came into office in 2012 after defeating Nicholas Sarkozy.

ANSWER: François Gérard Georges Nicolas **Hollande**

[10] Hollande’s shoes allowed the tabloid *Closer* to identify his affair with actress Julie Gayet, which led to his separation from this journalist partner of his. She had been a diplomatic headache overseas because they were never legally married.

ANSWER: Valérie **Trierweiler** [or Valérie **Massonneau**]

2. Answer the following about a woodcut, for 10 points each.

[10] This other woodcut features three figures, two of which are on horses with a dog running underneath on of them.

ANSWER:***Knight, Death and the Devil***

[10] Name this German master of not only woodcuts, but other forms of art as well, who created *Melencolia I* and *Knight, Death and the Devil*

ANSWER: Albrecht **Durer**

[10] In the woodcut, both the knight and the devil are holding spears, but Death is holding one of these objects in his hand.

ANSWER: **Hourglass**

3. In one scene in this work, Yoshinaka sends to avoid the humiliation of dying fighting besides a female. For 10 points each:

[10] Name this work in which Yoshitsune reasons that if a rabbit can go down a trail, so could his cavalry, and then used that trail for a successful surprise attack at Ichi-no-Tanni, which begins a string of victories that culminates the naval battle of Dan-no-Ura that leas to the Minamoto beating the Taira

ANSWER: **Heike** Monogatari [or Tale of the **Heike**]

[10] This other Japanese historical epic details the events of the rise of the Ashikaga shogunate and the Northern and Southern Courts period. A notable scene in this work involves the mass suicide of the Hojo clan as forces loyal to Emperor Go-Daigo close in on them.

ANSWER: **Taiheiki**

[10] Probably the best known epic Japanese work is this earlier work from the Heian period, which notably contains a blank chapter to indicate the title character’s death. This work is about the title lecherous Japanese prince and is written by Murasaki.

ANSWER: Tale of **Genji** [or **Genji** Monogatari]

4. No Japanese animation studio has seen as much success as this Academy Award winning one. For ten points each:

[10] Name this studio founded by renowned directors Hayao Miyazaki and Isao Takahata, which produced films such as *Spirited Away* and *Princess Mononoke*.

ANSWER: Studio **Ghibli**

[10] A studio Ghibli film set in this fictional location was directed by Hayao Miyazaki’s son, Goro Miyazaki, and currently is the worst critically received film by the studio, with Goro receiving the “Worst Director” at Japan’s Raspberry’s. It also names one of Ursula K. Le Guin’s worlds and the character Sparrowhawk.

ANSWER: **Earthsea**

[10] This second film by Goro Miyazaki was received much better than the first and it tells the story of some students attempting to save their school’s clubhouse.

ANSWER: **From Up On Poppy Hill**

5. With the end of the Cold War apparent after the fall of the Berlin Wall, this thinker posited that the world had now entered a “unipolar moment” in a 1990 *Foreign Affairs* article. For 10 points each:

[10] Name this author and current conservative columnist for the *Washington Post* who coined the term “unipolarity” to describe the position of America in the post-USSR world.

ANSWER: Charles **Krauthammer**

[10] Another thinker to make statements about the post-Cold War world was this thinker who posited that liberal democracy was to be the norm for the foreseeable future in his *The End of History and the Last Man.*

ANSWER: Francis **Fukuyama**

[10] Krauthammer posited that American hegemony would only last for a decades long “moment,” which seems to be a correct prediction with the breathtaking rise of this Asian country ever since it began a policy of “Change, Reform, Openness” under paramount leader Deng Xiaoping.

ANSWER: People’s Republic of **China** [or **PRC**; or **Zhong**hua Renming Gonghe**guo**; do not accept “Republic of China”]

6. Coral atolls in this sea include those in the Tubbataha Reefs UNESCO World Heritage Site and around the Mapun Island chain. For 10 points each:

[10] Name this sea surrounded on three sides by country contains its namesake archipelago. It is bordered on the west by the island of Palawan and on the east by islands such as Panay and Negros.

ANSWER: **Sulu** Sea

[10] The southeastern edge of the Sulu Sea is marked by this island, the southernmost major island of the country it’s a part of. The MILF Islamic militant group operates mainly on this island whose largest city is Davao.

ANSWER: **Mindanao** [or **Kamindanawan**]

[10] Mindanao and Luzon are the two largest islands of this Pacific island nation whose largest island, Luzon, contains its two most populous cities, Quezon City and Manila.

ANSWER: Republic of the **Philippines** [or republika ng **Pilipinas**]

7. This general was criticized for ordering the taking of Mons on 11 November 1918, which resulted in the death of George Price. For 10 points each.

[10] Name this Canadian-born general who succeeded Sir Julian Byng as commander of the Canadian Corps and led it from shortly after Vimy Ridge, through the Hundred Days Offensive, and to the end of the war

ANSWER: Sir Arthur **Currie**

[10] This politician was the most vocal critic of Currie. He was the first Minister of Militia at the start of the war but was forced to resign for gross managerial incompetence, cronyism, and for such harebrained schemes as supporting Ross rifle and namesake entrenching tool with a massive hole in it.

ANSWER: Sir Samuel **Hughes**

[10] This general was actually senior to Currie when Byng left, but was less competent so he was “promoted” to a desk job as the General Office, Commanding of Canadian troops in England. In the Boer War, he had won a Victoria Cross with the Royal Canadian Dragoons.

ANSWER: Sir Richard **Turner**

8. In this poem, after the narrator ducked for cover, “the lights went out, and two guns blazed in the dark, and a woman screamed, and the lights came on, and two men lay stiff and stark. For 10 points each:

[10] Name this poem in which the title character is in the Malamute saloon playing cards alongside “the lady that’s known as Lou” when he’s killed by a drunk miner.

ANSWER: “The **Shooting of Dan McGrew**”

[10] The narrator of this work meets the title character near  the frozen Lake Lebarge while enroute to the Klondike Gold Rush, and is asked to carry out the title action so can avoid the “awful dread of the icy grave.” The narrator then proceeds to call the tile action “the queerest thing” that the Northern Lights saw.

ANSWER: The **Cremation of Sam McGee**

[10] The “Shooting of Dan McGrew” and “The Cremation of Sam McGee” are both by this Canadian poet of the Yukon.

ANSWER: Robert W. **Service**

9. First person narratives can add a whole new dimension to short stories, and often criminal narrators can feel nervous when confronted by police. For 10 points each:

[10] In this short story, the first person narrator describes how carefully he cuts off the head, arms and legs of a corpse, making sure to catch the blood in a tub.

ANSWER: The **Tell-Tale Heart**

[10] Name the author of “The Tell-Tale Heart” who wrote “The Cask of Amontillado”.

ANSWER: Edgar Allen **Poe**

[10] The narrator of “The Tell-Tale Heart” ends up killing the old man because he disliked the old man’s “vulture-like” example of this body part.

ANSWER: **Eye** [accept anything that mentions eye]

10. Current computer processors can contain over a billion transistors, but simple processor design can be broken down into several important parts. For ten points each:

[10] These objects form the quickest level of computer memory, and are measured by the number of bits they can store. The stack pointer uses one of these.

ANSWER: **register**

[10] Registers store numbers in this form, consisting of a mantissa and an exponent. This form is named such because the decimal point can go anywhere based only on the exponent.

ANSWER: **float**ing point

[10] Data from registers are sent to this unit for different calculations with a selector input to determine what type of calculation to perform on the data.

ANSWER: **A**rithmetic **L**ogic **U**nit

11. Records used by this institution are called Lloyd-George letters and are named for the Prime Minister who created a precursor to this institution.  For 10 points each:

[10] Name this universal healthcare system of the United Kingdom.

ANSWER: **National Health Service** [or **NHS**]

[10] This influential 1942 report identified “Five Great Evils” and led to the formation of the NHS in the post-war after the Labour Party victory in the post-war.

ANSWER: **Beveridge** Report [or ***Social Insurance and Allied Services***]

[10] In the 1992 election, Neil Kinnock’s bid for a Labour ministry was hurt by this scandal, in which the Labour party tried to slam the NHS, but was hurt when the girl with poor treatment in the NHS turned out to be a close relative of Conservative insiders.

ANSWER: **War of Jennifer’s Ear**

12. [NOTE TO MODERATOR: INDICATE THAT THE TEAM THAT GOT THE TOSSUP WILL GET A BONUS, THEN PAUSE FOR A GOOD TEN SECONDS IN TOTAL SILENCE, IGNORE ALL INQUIRIES AND THEN PROCEED] For 10 points each:

[10] You just listened to a short clip from a performance of this work, whose title references how long the piece is. The official performance of this John Cage piece has a pianist go on stage, open his score, and sit in silence as the audience listens to itself.

ANSWER: **4’33”** [or **Four Minutes Thirty-three Seconds**]

[NOTE TO MODERATOR: LIKE BEFORE, TEN SECONDS OF SILENCE. IF ANYONE INTERRUPTS, HUSH THEM]

[10] You just listened to the first ten seconds of this other John Cage work, whose only performance opened with 17 straight months of rests. It currently plays at the organ at the St. Burchardi church in Halberstadt, Germany an should last for 639 years.

ANSWER: Organ2/**ASLAP** [or **As Slow As Possible**[

[10] [NOTE TO MODERATOR: MAKE LOUD HELICOPTER SOUNDS (E.G. CH-CH-CH-CH-CH) FOR TENS SECONDS]

[10]  You just listened to a rough approximation of the background noise to this Karlheinz Stockhausen chamber piece. If the airborne audio-technical equipment failed, that might be all you would hear.

ANSWER: **Helicopter String Quartet** [or **Helikopter -Streichquartett**]

13. Though Moses was an adopted son of Pharaoh, he was “slow of speech and tongue”. For ten point each:

[10] Name this brother of Moses who took on the role of the mouth of Moses and became the first High Priest of the Israelites.

ANSWER: **Aaron**

[10] These two sons of Aaron offered unauthorized fire before the Lord, and were immediately struck down and died. Aaron and his other sons Eleazar and Ithamar were not allowed to mourn for them. Name both these sons.

ANSWER: **Nadab** and **Abihu**

[10] The story of Nadab and Abihu are related in the book of Leviticus as well as in this other book of the Torah where the Lord sends out fiery serpents.

ANSWER: **Numbers**

14. For 10 points each, name these wiring related things.

[10] Name this physical value that for a wire decreases with cross-sectional area and increases with frequency and heat. For a superconductor this value is 0.

ANSWER: **resistance**

[10] This effect occurs at high frequencies for AC due to eddy currents and causes current of a wire to flow close to the surface, reducing effective cross-sectional area.

ANSWER: **skin** effect

[10] This type of wire is used to mitigate the skin effect by bundling together multiple thinner wires.

ANSWER: **Litz** wire

15. Buddhist doctrine can be distinguished by the different yanas that are followed by the people. For ten points each:

[10] Name this greater vehicle of Buddhism where the goal is become a boddhisattva, in contrast to Theravada Buddhism where the goal is to become an arhat.

ANSWER: **Mahayana**

[10] This tantric oriented yana is considered a subgroup of Mahayana Buddhism, but is in part distinguished by how fast one can achieve bodhisattvahood as well as the intricate secret rituals performed for that goal.

ANSWER: **Vajrayana**

[10] Tantric practitioners who practice deity yoga will sometimes use one of these visualizations to help them – oftentimes it will depict Five Buddhas, one for each cardinal direction and one in the center.

ANSWER: **mandala**

16. One work by this sculptor is found in the lobby of Library and Archives Canada by the main stairwell and another is found at the site of Chicago Pile One and is called *Nuclear Energy*. For 10 points each:

[10] Name this British abstract sculptor best known for his bronze public art sculptures.

ANSWER: Henry **Moore**

[10] This institution has the largest public collection of Henry Moore works. In 2004 this institution underwent a quarter-billion dollar namesake transformation when Frank Gehry redesigned it and added stuff like a double stairwell in Walker Court and the glass and wood façade in the Galleria Italia.

ANSWER: **Art Gallery of Ontario** [or **AGO**; or **Musée des beaux-arts de l’Ontario**]

[10] Toronto’s Toronto Dominion Centre was designed by this architect, who also did the 860-880 Lake Shore apartments in Chicago and the national gallery in Berlin.

ANSWER: Ludwig **Mies** van der Rohe

17. An author won a Pulitzer Prize for one novel and a movie adaptation of one of his novels won a Best Picture Oscar. For 10 points each:

[10] Name this novel by such an author, in which Anton Chigurh hunts Llewelyn Moss for $2.4 million.

ANSWER: ***No Country for Old Men***

[10] Name that author of works including *The Road* and *Blood Meridian*.

ANSWER: Cormac **McCarthy**

[10] This 19-year old wife of Moss is given a chance to live through a coin flip, though she loses that gamble.

ANSWER: **Carla Jean**

18. This emperor either died while the house he was recovering from was burned down by enemies or by charging into the ranks of enemies. For 10 points each:

[10] This Eastern Roman Emperor was killed in battle against the Visigoths and his body was never found, though earlier he had defeated some Thervingian Goths by marching across the Danube.

ANSWER: **Valens**

[10] The Romans were crushed by the Visigoths at this 378 CE battle, with the Visigoths fighting to defend a circle of caravans containing their families.

ANSWER: Battle of **Adrianople**

[10] This chieftain led the Goths at Adrianople, forced into fighting at that position due to the infringing of the Huns.

ANSWER: **Fritigern**

19. Eliminating this object from the wallets of Canadians is probably the best thing Stephen Harper’s government has ever done. For 10 points each:

[10] Name this coin was so worthless that rounding change to the nearest nickel saved businesses money though increased efficiency. This copper-coloured coin was minted at a loss.

ANSWER: Canadian **penny** [or Canadian **one-cent coin**]

[10] Another awesome thing the Harper government has done is to conclude the negotiations on this Canada-EU trade agreement that is the Canadian equivalent of the US-EU T-TIP agreement.

ANSWER: **Comprehensive Economic** Trade Agreement [or **CETA**]

[10] Another cool thing that Harper did was to perform this action in summer 2013 over the objections of Peter Mackay, who decried the loss of a precious military asset in order to look good at international summits.

ANSWER: re**paint the Prime Minister’s plane** [or equivalents like the **red, white, blue paintjob on Harper’s plane**]

20. In 1970, this organization was renamed the Milice de Volontaires de la Sécurité Nationale, another Francophone fascist organization.  For 10 points each:

[10] Name this paramilitary organization that was created in 1959 by Papa Doc Duvalier  and carried out brutal and cruel punishments for those that opposed him.

ANSWER: **Tonton Macoute**s [or **Sack Man**]

[10] Duvalier and the Tonton Macoute established themselves in this country with a capital at Port-au-Prince.

ANSWER: **Haiti**

[10] Papa Doc was succeeded by his son Jean-Claude, or Baby Doc, but TIME magazine states that “the power behind Baby Doc is almost certain to be” this elder sister of Jean-Claude.

ANSWER: **Marie-Denise** Duvalier

21. For 10 points each, give these terms from differential geometry.

[10] This is a collection of charts, or coordinate maps, that cover a surface. One of these sets that is maximal is not contained in any other one of these sets.

ANSWER: **atlas**

[10] This form is expressed as Edu2 + 2Fdudv + Fdv2, and is derived by taking the inner product on the tangent space of a regular surface.

ANSWER: **first fundamental** form

[10] If f maps one surface to another and the square root of EG-F2 for both surfaces is equivalent under the mapped parametreization, then the map f preserves this quantity. This quantity under a curve in a plane can be found by taking an integral.

ANSWER: **area**

22. The day after this politician was inaugurated, both he and his wife admitted to having extramarital affairs. For 10 points each:

[10] Name this first blind governor of New York who was also its first African-American governor. He took power in 2008 after his predecessor, Eliot Spitzer resigned amidst a prostitution scandal, and he declined to run in the 2010 gubernatorial election.

ANSWER: David Alexander **Paterson**

[10] Paterson was also widely criticized when he chose Kirsten Gillibrand to fill Hillary Clinton’s New York Senate seat over Caroline Kennedy, who currently serves as the American ambassador to this country. She quickly ruffled feathers by condemning Prime Minister Shinzo Abe’s visit to Yasukuni Shrine.

ANSWER: State of **Japan** [or **Nippon**-koku; or **Nihon**-koku]

[10] Caroline Kennedy was also considered by Obama for this position currently held by the uncouth Bruce Heyman. Recent holders of this office traditionally been held by a close friend of the American president have included Paul Celluci, David Wilkins, and David Jacobson.

ANSWER: United States **ambassador to Canada**