

Colonel By Nostalgia Train's Super Dank VETO Pack 2015

“This pack is dedicated to our official hpe man, Joe Straka the Asian Flavor Flav”

Written by Cameron Amini, Issaac Cowan, Janusz Gacek, Ted Gan, and Anubhav Srivastava.

TOSSUPS

1. This book begins: "Throughout recorded time, and probably since the end of the Neolithic Age, there have been three kinds of people in the world: the High, the Middle, and the Low." This book describes a strategic area enclosed within "a rough quadrilateral with its corners at Tangier, Brazzaville, Darwin, and Hong Kong", an area which the three super-states fight over. This book's author is the subject of the Two Minutes Hate. The first chapter of this book is titled "Ignorance is Strength", while the third chapter is titled "War is Peace", both of which are referenced in the motto of The Party. For 10 points, name this book of political theory written by Emmanuel Goldstein that features prominently in George Orwell's *Nineteen-Eighty Four*.

ANSWER: The Theory and Practice of Oligarchical Collectivism [accept clear knowledge equivalents such as anything mentioning the book written by Emmanuel Goldstein before mentioned]

2. The "Uvarov" and "Pogodin" are transcripts of the Nominalia of rulers from this country, which lists Avitohol as their first ruler. An epigraph originating from the Christianization of this country is known as the Ballshi Inscription. Petar Gojnikovic was imprisoned by a ruler of this country. The Bitola Inscription commemorates the victory of this country at the Battle of the Gates of Trajan. Peter I of this country fought the Bogomil Heresy, which believed that the world was created by the devil. Leo Phocas was defeated by this country at the Battle of Achelous. The forces of this country under Tsar Samuel were crushed at the Battle of Kleidion. For 10 points, name this country whose people were slayed by Byzantine Emperor Basil II.

ANSWER: Bulgaria [or First Bulgarian Empire]

3. This man opened a track from his second mixtape by rapping that "I'm off the hook now, so none of y'all can debate it" over a sample of Michael Jackson's "Billie Jean", while earlier on the mixtape he welcomed listeners "to some shit that's considered legendary" before threatening to "put the rap game in the cemetery" over a sample of Kanye West's "Can't Tell Me Nothing". Those tracks are "Wordplay" and "Selling Drugs". The second single from his most recent mixtape saw this man telling listeners that they "would've sworn I was from Nazareth. I'm resurrecting hip-hop like it was Lazarus" and that he "can lay tracks with my eyes closed, Chinaman". That single was "Nasty". On the title track from this man's 2014 debut album, he states that he is "worth so fucking much, my greatest fear is imma die alone", and he features Childish Gambino and Big Sean on bonus tracks "Driving Ms. Daisy" and "Alright". For 10 points, name this Maryland rapper also known as Young Sinatra.

ANSWER: Logic [or Sir Robert Bryson Hall II; or Psychological; prompt on Young Sinatra before mentioned]

4. One general during this conflict proclaimed "I shall die before my heart is soft" before being put to death. A series of wagons travelling from Deerfield to Hadley were attacked in the Battle of Bloody Brook during this conflict, which sparked a retaliation by the forces of William Turner. This conflict was ended with the signing of the Treaty of Casco Bay. Josiah Winslow led his side to victory in the Great Swamp Fight during this conflict. This conflict was sparked by the death of John Sassamon. *The Sovereignty and Goodness of God* details Mary Rowlandson's time being held captive during this conflict. For 10 points, name this conflict fought between New England settlers and the Wampanoag chief Metacomet.

ANSWER: King Philip's War [or Metacomet's War before "Metacomet" is read]

5. Kumudha is capable of transforming into the title plant in one of this composer's operas, inspired by an A.K. Ramanujan story. This composer of *A Flowering Tree* was inspired by a truck stop on Highway 395 to create *Hallelujah Junction*. This composer included the "Hagar Chorus" in an opera where he gave the name Giordano Bruno to the captain of the *Achille Lauro*. That opera is *The Death of Klinghoffer*. This composer commemorated 9/11 victims with his work *On the Transmigration of Souls*. One character in his most famous opera proclaims that "I am the wife of Mao Zedong" during a performance of *The Red Detachment of Women*. For 10 points, name this composer of *Nixon in China*.

ANSWER: John Coolidge Adams

6. Karl Löwith wrote about the state of philosophy from "this thinker" to Nietzsche, who also argued that this thinker bore considerable influence on Max Stirner. This thinker proclaimed Heraclitus to be the first philosopher. This thinker used the term "aufheben" to describe the contradictions between preserving and changing. This thinker criticized the thought of Karl Ludwig Von Haller in his *Elements of the Philosophy of Right*. This man described the doctrines of "being and essence" in his work *The Science of Logic*. This thinker is often associated with the "thesis, antithesis, synthesis" dialectic. For 10 points, name this author of *The Phenomenology of Spirit* who had various "Young" followers.

ANSWER: Georg Wilhelm Friedrich Hegel

7. One song on this album samples the Manfred Mann's Earth Band song "You Are - I Am" as its primary instrumental and features a royally-named artist calling his critics "major haters and some math minors" before RZA discusses his purchases of "cars for the missus and furs for the mistress". A later song on the album adds a distorted guitar solo and a verse in which Rick Ross describes "making love to the angel of death" to a prior version, while during its hook the main artist asks a woman to "put your hands to the constellations". The opening track on this album has Nicki Minaj reading a variation on Roald Dahl's version of *Cinderella*, after which the main artist raps about having "fantasized 'bout this back in Chicago". This album was accompanied by a short film starring the album's creator; the film shares its name with a song from the album in which that creator requests a "toast for the douchebags". For 10 points, name this 2010 Kanye West album with such songs as "All of the Lights" and "Power".

ANSWER: My Beautiful Dark Twisted Fantasy [prompt on "MBDTF"]

8. Keggin-type polyoxometalates catalyze the oxidation of biomass to form this compound and carbon dioxide in the OxFA process. Palladium-coated silver nanoparticles can be used to catalyze the decomposition of this compound to produce hydrogen. As a result, this compound has been proposed as a source of *in situ* hydrogen production for use in fuel cells. Formaldehyde and this compound are used in the Eschweiler-Clarke reaction to produce a tertiary amine from a primary amine. This compound is produced industrially by first combining methanol and carbon monoxide to make its methyl ester, which is then hydrolyzed; it can also be produced by the hydrogenation of carbon dioxide. For 10 points, name this simplest carboxylic acid.

ANSWER: methanoic acid [accept formic acid]

9. In the chorus of one track on this man's debut album, Swizz Beatz observes that the woman in question has her "nails done, hair done, everything did", and on that same album this man teams up with Nicki Minaj on a track where he has his "kush rolled, glass filled, I prefer the better things", and where Minaj tells a ho that "I look like yes and you look like no". Those tracks are "Fancy" and "Up All Night". In 2009, this man joined Kanye West, Lil Wayne, and Eminem, himself rapping that

he has "last name Ever, first name Greatest", on a track from the soundtrack to a documentary about the rise of LeBron James. That track is "Forever". He recently released a mixtape/album hybrid that was rumoured to be an escape method from the feud between Lil Wayne and Birdman over finances within this man's label, Cash Money Records. For 10 points, name this Canadian rapper and member of the Young Money collective, who has popularized the act of running through the 6 with one's woes.

ANSWER: Aubrey Drake Graham [accept either underlined part]

10. The special unitary group of this number has 15 independent generators. Eight pi multiplied by the universal gravitational constant is divided by the speed of light raised to this power in the coefficient to the stress-energy tensor in the Einstein field equations. The Hagen-Poiseuille equation states that the pressure loss in a pipe is inversely proportional to this power of the radius of the pipe. Jounce or snap is this order time derivative of the position vector. The power radiated from a blackbody is proportional to its temperature raised to this power, according to the Stefan-Boltzmann law. For 10 points, Minkowski space, and hence spacetime, can be represented using what number of dimensions?

ANSWER: 4 [or four; prompt on mathematical equivalents such as "2 plus 2" if anybody is crazy enough to answer in such a manner]

11. In one novel by this author, Moses Berger investigates the life of a man who dies in a plane crash, the brother of Bernard and Morrie. This author of *Solomon Gursky Was Here* and *Barney's Version* wrote about a character who searches for McGuffin's Malty Morning Drink. That character created by this author has friends such as the hamster agent Intrepid, CMIST agent X. Barnaby Dinglebat, and Buford Orville Gaylorde Pugh. A protagonist created by this author dislikes his uncle Benjy for favouring his brother Lennie. That character created by this author is blamed by the epileptic Virgil for a car accident after Virgil experiences a seizure. Another of this author's characters fears Mrs. Sour Pickle and the Hooded Fang, and that boy repeats everything he says twice. For 10 points, name this Montreal Jewish author of the *Jacob Two-Two* series and *The Apprenticeship of Duddy Kravitz*.

ANSWER: Mordecai Richler

12. This man was the first to use the term "cooling the mark out" to describe con artists. This man used the term "commercial realism" to describe how advertising tries to depict the world in ways it could be real. This man identified deformations, deviant personal traits, and tribal stigma as the three forms of social stigma. Frame Analysis was established by this man to understand how people understand situations. This man posed as an employee of St. Elizabeths Hospital for research for his work *Asylum*. His most famous work uses dramaturgical analysis to compare people in social situations to actors. For 10 points, name this author of *The Presentation of Self in Everyday Life*.

ANSWER: Erving Goffman

13. At one point in this film, a signed picture of George Bush Sr. is shown on a desk with "you were the best thing I ever invaded" written on it. That desk belongs to a character only ever referred to as "The Big Guy", who is eventually killed by a rescue ship arriving to rescue the film's title character and is played by Sigourney Weaver. Weaver's character manages several Secret Service agents throughout the film, including a Bill Hader-portrayed rookie who is killed after he drives his car into a canyon next to the ironically named town of Lytle Creek. That rookie had been part of a pursuit for the title character led by agent Lorenzo Zoil, who is revealed to have helped that character escape from Area 51 after the latter found out his brain was to be harvested. After that

escape, the title character managed to find protection from two British nerds on a road trip. "Three tits? Awesome!" is a running gag in, for 10 points, what 2011 sci-fi comedy film starring Simon Pegg and Nick Frost, about the title profane alien?

ANSWER: Paul

14. In one poem by this author, the narrator philosophizes on the slow smokeless burning of decay of a wood pile. In another poem by this author, the narrator states: "I am overtired / Of the great harvest I myself desired" after apple-picking. A quote by Lady Macbeth titles a poem by this author in which a buzz saw kills a young worker. In another poem by this author, Warren and Mary discuss the return of the former employee Silas. A narrator of one of this man's poems finds it difficult to choose between two paths that diverge in a yellow forest. A horse in one of this man's poems finds it strange to stop without a farmhouse in close range. For 10 points, name this author of the poetry collections *A Boy's Will* and *North of Boston*, who wrote works such as "The Death of the Hired Man" and "The Road Not Taken".

ANSWER: Robert Frost

15. Cav1 oligomerization in adipocytes leads to a raft-dependent form of this process, which can be inhibited by nystatin. A decrease in Pill expression leads to a reduced density of the protein complexes that enable this process in yeast. Those complexes, called eisosomes, are uniformly distributed along the plasma membrane. The structures that arise from this process are sometimes coated with a protein that forms a triskelion. That is this process' clathrin-mediated form, and creates a cage-like structure around the target material. Immune cells use another form of this process to engulf and destroy pathogens; that form is phagocytosis. For 10 points, name this form of active transport in which a cell's plasma membrane folds inward to absorb external materials.

ANSWER: endocytosis [accept pinocytosis or phagocytosis before read; prompt on "active transport"]

16. This man backed a manifesto calling for a "clear sighted vision" of his province. This man drew ire for saying "we're one of the white races that has the fewest children". Bernard Landry succeeded this man after he retired from politics shortly after controversy over derogatory comments aimed at Leo Kolber by Yves Michaud. The first of the Three Periods Strategies was achieved when this man became Leader of the Opposition in 1993. This man's predecessor as premier blamed "money and the ethnic vote" for the failure of a 1995 sovereignty referendum. Gilles Duceppe currently leads the party that this man founded. For 10 points, name this Quebec premier who succeeded Jacques Parizeau and founded the Bloc Quebecois.

ANSWER: Lucien Bouchard

17. In one novel from this country, the waiter Sanker serves the cafe owner Kirsha, who secretly sells hashish. IN another book from this country, Arafa attempts to take over the neighbourhood alley from the futuwat. One author from this country wrote a thirty-volume long commentary on the Qu'ran, titled *In the Shade of the Quran*. In one novel from this country, Amina's son Fahmy protests against British occupation. This home country of Tafwiq al-Hakim and Sayyid Qutb is the setting of *Midaq Alley* and *Children of Gebelawi*, and also serves as the setting of the trilogy consisting of *Palace Walk*, *Palace of Desire*, and *Sugar Street*. For 10 points, name this country where native author Naguib Mahfouz set his Cairo Trilogy.

ANSWER: Arab Republic of Egypt [or Jumhūriyyat Misr al-ʿArabiyyah; or Gomhoreyyet Masr el-ʿArabeyya]

18. This dynasty saw the development of the Silhak movement. The Sarim were targeted by this dynasty in the Literati Purges. The deaths of Pierre-Henri Dorie and Simon-François Berneux triggered French military action against this dynasty. This dynasty was forced by its eastern neighbour to sign the Treaty of Ganghwa. The Enlightenment Party attempted the Gapsin coup against this dynasty. Rulers of this dynasty came from the House of Yi. One ruler from this dynasty implemented the Gabo reforms after the Donghak Peasant rebellion. One member of this dynasty established the Hangeul writing system. For 10 points, name this Korean dynasty whose members include Sejong the Great that was eventually annexed by Japan.

ANSWER: Joseon Dynasty [or "House of Yi" before it is read]

19. Steven Harnad's post titled "Subversive Proposal" was a cognitive sciences-specific internet publication that acted as a precursor to the green form of this practice. This practice has started gaining ground recently because of Peter Suber's publications. Beall's list is a list of predatory journals that often exploit the gold form of this practice which removes all price and permission barriers. The journal Pediatrics practices the delayed form of this practice. One of this practice's most heavily criticized aspects is the hefty Article Processing Charge that authors are required to pay for luxury journals like BMJ. For 10 points, name this process by which publications in journals are made freely available to the public.

ANSWER: open access publishing [prompt on "OA"]

20. In V.I.C.'s song "Turn up", he states that "there ain't no gunshots but they" are performing this action. The music video for one song with this name depicts a "women locker room invasion" at Club Body Tap. The music video for most recent famous song of this name contains two white men wearing middle-eastern thawbs, probably to fit with the middle-eastern beat. That song's title action is performed after "the whistle blow", and is produced by Dillon Francis and DJ Snake. Jeremih asks the girl in 50 cent's song of this name to "drop it down" and perform the title action, and one song titled for this action screams "to the window, to the wall". For 10 points, name this non-hitting the floor-related action performed by the apple-bottom jeans-wearing shawty in one of Flo Rida's songs.

ANSWER: get low [accept word forms such as getting low; accept in any tense, such as Shawty got low; low, low, low, low, low, low]

21. Order was restored to this country after Operation Mana Mana. Michel Kafando is the current transition president of this country until planned presidential elections in October 2015. This country fought the Agacher Strip War with its northern neighbour. One uprising in this country saw protesters set the headquarters of the Congress for Democracy and Progress on fire. This country was home to the "Che Guevara of Africa" known as Thomas Sankara, who also composed this country's national anthem *Une Seule Nuit*. Yacouba Isaac Zida became the interim president of this country after Blaise Compaoré fled for the Ivory Coast in 2014. For 10 points, name this country formerly known as Upper Volta whose capital is Ouagadougou.

ANSWER: Burkina Faso

22. The overproduction of serotonin by carcinoid tumours leads to fibrosis of these structures. Drugs which cause chronic stimulation of 5HT_{2B} receptors, which densely populate these structures, also lead to damage caused by fibroblast proliferation. Viking Björk and Donald Shiley created an artificial one of these structures now manufactured by Pfizer. Congenital deformation of these structures can be caused by surrounding myopathic tissue in Ebstein's anomaly. Congenital stenosis of one of these structures leads to three other compensatory malformations in the tetralogy of Fallot (FAL-oh). Aortic regurgitation is caused by a leaking one of these. For 10 points, name these structures that control the direction of blood flow in the heart.

ANSWER: heart valves [accept aortic valve, pulmonary valve, mitral valve, tricuspid valve, bicuspid valve, semilunar valves or atrioventricular valves; prompt on “AV valves” or “SL valves”]

23. The northern terminus of the Dalton Trail lies in this region. This region's northernmost point is Herschel Island. This region is home to an archeological site known as the Bluefish Caves which is near the town of Old Crow. The Epp Letter called for responsible government in this region. One hotel in this region known as the “Downtown Hotel” serves the Sourtoe Cocktail. Audrey McLaughlin was the first federal political party leader representing this region. This region contains the eastern terminus of the Top of the World Highway. This region which contains the highest point in the Saint Elias Mountains is also home to the Kluane National Park and Reserve. For 10 points, name this territory home to Mount Logan and Dawson City.

ANSWER: Yukon Territory

24. This city is home to a namesake Autodrome which, unlike the host of Formula One's final race of 2014 in another region of this city's country, has never hosted beyond the level of the Dunlop 24 Hours of this city. It is home to a shopping mall that not only opened with more retailers than any other mall opening in history, but also contains a gargantuan video game theme park, SEGA Universe. In 2011, the first Tim Hortons location in this city's country opened on an arterial road named for one of the principal architects of its meteoric rise and expansion, Sheikh Zayed Road. 2014 saw the Marina Torch skyscraper severely damaged by fire in this city; fitting for the city's constant expansion, the Torch had earlier become the tallest residential skyscraper in the world only to promptly lose the record to the Princess Tower on the opposite side of the street. For 10 points, name this UAE city, home to the Palm Jumeirah, Burj Al Arab, and the airline Emirates.

ANSWER: Dubai

BONUSES (or BONI; or BONII; or BONERA)

1. He is the most recent Prime Minister to receive the popular majority of the vote in a Canadian federal election. For 10 points each,

[10] Name this Prime Minister that told John Turner "You had an option, sir" during a debate leading up to the 1984 election.

ANSWER: Brian Mulroney

[10] After the Airbus Affair, Brian Mulroney was accused of accepting kickbacks from this German businessman. His dealings with Mulroney were subject of the Oliphant Commission.

ANSWER: Karlheinz Schreiber

[10] Brian Mulroney's finance minister Michael Wilson is notable for the creation of this tax in 1991. Since 2008 its rate has been 5%.

ANSWER: General Sales Tax

2. Repeated phasic release of this neurotransmitter in the nucleus accumbens leads to delta FosB accumulation. For 10 points each:

[10] Name this neurotransmitter associated with reward, pleasure and addiction. An excess of it in the mesolimbic pathway leads to the positive symptoms of schizophrenia.

ANSWER: dopamine [or DA]

[10] These ionotropic glutamate receptors are hypofunctional in patients with schizophrenia, leading to decreased inhibition of dopamine release from the ventral tegmental area. Ketamine and phencyclidine inhibit these receptors.

ANSWER: NMDA receptors [or N-methyl-D-aspartate receptors]

[10] Both the A and B isoforms of this enzyme degrade dopamine. Selegiline, a selective inhibitor of this enzyme's B isoform, is used to treat Parkinson's disease.

ANSWER: monoamine oxidase [or MAO]

3. This author wrote the children's book *Up In the Tree*. For 10 points each:

[10] Name this author who included "Snake Woman" in her poetry collection *Interlunar*. She also wrote the novels *Lady Oracle*, *Life Before Man*, and *Cat's Eye*.

ANSWER: Margaret Eleanor Atwood

[10] In this Atwood novel, a boy originally named Glenn wipes out nearly all of humanity through a pandemic spread through BlyssPluss pills. In this novel, Jimmy, later known as Snowman, enjoys playing the trivia game *Extinctathon*.

ANSWER: Oryx and Crake

[10] In this Atwood novella, Marian McAlpin orders her boyfriend Peter to eat a woman-shaped cake after she comes to believe that he is figuratively consuming her. Peter leaves in confusion before Marian eats the cake herself.

ANSWER: *The* Edible Woman

4. Answer the following about anime series that aired in 2013. For 10 points each:

[10] Eren, Mikasa and Armin all join the survey corps, the most dangerous branch of the military, in this anime series. Name this anime series in which Eren Jaeger fights the titular giant monsters that eat humans.

ANSWER: Attack on Titan [or Shingeki no Kyojin or SnK]

[10] In this anime series, based on a Hiromu Arakawa manga series, Yugo Hachiken attends an agricultural high school, where he joins the equestrian club, falls in love with Aki Mikage, and raises a piglet named Butadon that is turned into bacon at the end of the first season.

ANSWER: Silver Spoon [or Gin no Saji]

[10] The protagonist of this series is transported to modern Tokyo after failing to conquer Ente Isla. Name this comedy series in which Satan is forced to get a job in the fast food industry.

ANSWER: The Devil is a Part-Timer [or Hataraku Maou Sama]

5. In this parable, Jesus teaches that one's neighbour is a person who shows mercy for them. For 10 points each:

[10] Name this parable in which a traveller, who is robbed on the road to Jericho, is ignored by a priest and by a Levite, and is only helped by the title character.

ANSWER: Parable of the Good Samaritan

[10] In this other parable, Jesus uses the metaphor of a merchant who sells all his possessions to buy the title object to illustrate the value of Heaven. This parable also inspires the name of one of the four standard works of Mormonism.

ANSWER: Parable of the Pearl (of Great Price)

[10] The two title figures go to the temple to pray in this parable found in the Gospel of Luke, which ends with Jesus claiming that "those who humble themselves will be exalted."

ANSWER: Parable of the Pharisee and the Tax Collector [or Parable of the Pharisee and the Publican]

6. Kaluza Arriaga launched Operation Gordian Knot against members of this group. For 10 points each.

[10] Name this Marxist guerilla group which fought a bloody civil war against RENAMO.

ANSWER: FRELIMO [or Mozambique Liberation Front; or Frente de Libertação de Moçambique]

[10] FRELIMO fought for the independence of this African country from Portugal. Activists for independence from this country included Eduardo Mondlane and Samora Machel.

ANSWER: Republic of Mozambique

[10] The Mozambican civil war ended in 1992 with the signing of this city's namesake accords. This city's namesake statute led to the establishment of the International Criminal Court.

ANSWER: Rome [or Roma]

7. For 10 points each, name these places that aren't real countries:

[10] This region was removed from the United Nations in 1971 after General Assembly Resolution 2758 was passed. Followers of the Guomindang or Kuomintang believe this province is a country.

ANSWER: Taiwan Province, People's Republic of China [or Táiwān shěng; accept Republic of China or Zhōnghuá mínguó from imperialist capitalist pigs; do not accept or prompt on "China" or "People's Republic of China" or "Zhōnghuá rénmin gònghéguó", as those refer to the real China]

[10] UKIP leader Nigel Farage called this European Union member state "pretty much a non-country" while mocking Herman Van Rompuy, a former Prime Minister of this country. There is some validity to Farage's statement, as this country was without an elected government for 589 days in 2010-11.

ANSWER: Kingdom of Belgium [or Belgie; or Belgique]

[10] This short-lived unrecognized state in northwestern New Brunswick was Mi'kmaq for "the country of the porcupine". The river for which it was named after is a tributary of the Saint John River, and it names a present-day county in the New Brunswick Panhandle.

ANSWER: Republic of Madawaska

8. This psychologist coined the term "paradoxical intention" to refer to the practice of deliberately exaggerating reactions to psychological triggers. For 10 points,

[10] Name this author of *Man's Search for Meaning* which describes his time at the Auschwitz Concentration Camp.

ANSWER: Viktor Emil Frankl

[10] *Man's Search for Meaning* outlines this form of therapy. A form of existential therapy, tenets of this form of therapy include that life always has meaning and our quest to find meaning in life serves as motivation.

ANSWER: Logotherapy

[10] Viktor Frankl was from the city of Vienna, just like this psychologist. This psychologist is best known for coining the term "inferiority complex".

ANSWER: Alfred Adler

9. Poland cannot into space, but answer some questions about things that can, for 10 points each.

[10] In 2011, this probe was the second to fly by Mercury and in 2015 it impacted Mercury's surface. Name this probe which discovered water present in Mercury's exosphere.

ANSWER: MESSENGER [accept MErcury Surface, Space ENvironment, GEochemistry, and Ranging]

[10] This Apollo mission was struck by lightning shortly after take-off causing an electrical failure that almost necessitated aborting the mission. Mission control's John Aaron came clutch by remembering an obscure switch called SCE to AUX, to which the flight crew responded, "what the hell is that?".

ANSWER: Apollo 12

The formation of a third, temporary one of these regions was observed by the lucky decision to turn on the Relativistic Electron Proton Telescope three days early to collect data with the probe SAMPEX.

ANSWER: Van Allen (radiation) belts

10. For 10 points each, name the following books by Canadian children's author Robert Munsch:

[10] In this story, Prince Ronald refuses to marry Princess Elizabeth because her clothes were burnt by a dragon, causing Elizabeth to tell Ronald "You are a bum." According to Wikipedia, the feminist National Organization for Women sells this book on its website.

ANSWER: *The Paper Bag Princess*

[10] This non-humorous story by Munsch is about a mother who repeats "I'll like you for always, as long as I'm living my baby you'll be," in addition to the title phrase.

ANSWER: *Love You Forever*

[10] In this story, the title boy refuses to wear the title piece of winter clothing, despite effort of his mother, teacher, and principal. This story's protagonist exchanges clothing with the people he fights with, and at this story's end, the principal quits his job and moves to Arizona.

ANSWER: *Thomas' Snowsuit*

11. For 10 points each, name the following about Canadian inventor Alexander Graham Bell.

[10] He conducted most of his work at his estate in this Cape Breton Island town on the shores of Bras d'Or Lake.

ANSWER: Baddeck, Nova Scotia

[10] Bell led the Aerial Experiment Association to create this airplane, which flew the first successful powered plane flight in Canadian history.

ANSWER: Silver Dart: Aerodrome #4

[10] Bell conducted early research on these marine vehicles, which have airplane wing-inspired parts that lift their hulls out of the water, thus reducing drag.

ANSWER: hydrofoils

12. NOTE TO MODERATOR: You will be told how long to play each song for. The links will send you directly to the appropriate starting point (in case of link malfunction, time to start will be written as well). Links for Youtube videos are provided. Do NOT show players the screen or titles of the videos.

Identify the artist responsible for the following song and then name the two subsequent songs, for 10 points each:

[10] Start video at 0:50 if it does not automatically do so. End song at 1:11. <https://youtu.be/DiXr-JFLxik?t=50s>

ANSWER: Taylor (Alison) Swift [prompt on "T-Swizzle", "Tay Tay", or "T-Swift"]

[10] Start video at 0:59 if it does not automatically do so. End song at 1:24.

<https://youtu.be/cMPEd8m79Hw?t=59s>

ANSWER: Begin Again

[10] Start video at 0:36 if it does not automatically do so. End song at 1:00.

<https://youtu.be/INBadPg4Dk?t=36s>

ANSWER: Stay Beautiful

13. Carbon-14 decays into nitrogen-14 by this process. For 10 points each:

[10] Name this type of decay in which a neutron is transformed into a proton. It also produces an antineutrino and its namesake particle.

ANSWER: beta minus decay [or electron emission, prompt on beta decay, do not accept or prompt on "beta plus decay"]

[10] This gauge boson mediates beta minus decay. It is produced when a down quark changes flavour into an up quark and it decays into an electron and antineutrino.

ANSWER: W minus boson [prompt on W boson; do not accept or prompt on "W plus boson"]

[10] Proton-deficient nuclides that do not undergo beta minus decay can instead undergo this process, which changes their isotope. Helium-5 decays by this process.

ANSWER: neutron emission

14. In 2005, Ken Mehlman apologized to the NAACP for his party's use of this tactic. For 10 points,

[10] Name this tactic used by Republicans to attract voters alienated from the Democrats by legislation such as the Civil Rights Act and the Voting Rights Act.

ANSWER: Southern Strategy

[10] The 1968 Presidential election saw several southern states support Nixon, while most of the Deep South states voted for this party. George Wallace and his running mate Curtis Lemay ran for this party.

ANSWER: American Independent Party [or AIP]

[10] In an interview with Alexander Lamis, Lee Atwater argued that this politician did not require the Southern Strategy for support. This politician caused controversy for saying that "I believe in States' Rights" during a speech at the Neshoba County Fair.

ANSWER: Ronald Wilson Reagan

15. The outbreak of this disease in Liberia was declared over in May 2015, but a new case was discovered on June 29th. For 10 points each:

[10] Name this disease which has caused more than 10,000 deaths in Liberia, Sierra Leone and Guinea.

ANSWER: Ebola (virus disease) [or EVD]

[10] This experimental treatment for Ebola is composed of monoclonal antibodies. The NIH began a randomized controlled trial of this treatment in February of 2015 in the United States and Liberia.

ANSWER: ZMapp

[10] This American doctor, the first person to be treated for Ebola in the United States, was given ZMapp in Liberia before being airlifted to Emory University Hospital in Atlanta.

ANSWER: Kent Brantly

16. For 10 points each, name the following about teams that unlike Brazil, did well at the 2015 Copa America, the South American soccer championship:

[10] This host nation won their first ever Copa America with a penalty shootout victory over Argentina. This team features players such as Barcelona goalkeeper Claudio Bravo, Juventus midfielder Arturo Vidal, and Arsenal forward Alexis Sanchez.

ANSWER: Republic of Chile [accept obvious equivalents such as Chilean national football team]

[10] For the second straight Copa America, this country's national team eliminated Brazil in a quarterfinals penalty shootout. Nicknamed the Guarani, this team's star players include Roque Santa Cruz and Lucas Barrios.

ANSWER: Republic of Paraguay [accept obvious equivalents such as Paraguayan national football team]

[10] Although Brazil beat Peru in the group stage, *Los Incas* finished in third place for the second consecutive Copa America, with this Peruvian striker finishing as the tournament's top scorer once again.

ANSWER: (José) Paolo Guerrero (Gonzales)

17. NOTE TO MODERATOR: You will be told how long to play each song for. Play each song from the start (0:00). Links for Youtube videos are provided. Do NOT show players the screen or titles of the videos.

Listen to and name these patriotic songs, for 10 points each.

[10] Play for 21 seconds (stop just after 0:21)

https://www.youtube.com/watch?v=hWOBk0_E7uU

ANSWER: The Maple Leaf Forever

[10] Play for 19 seconds (stop just after 0:19)

<https://www.youtube.com/watch?v=T5K0JjzPCN4>

ANSWER: La Marseillaise [accept clear knowledge equivalents such as "national anthem of France"]

[10] Play for 24 seconds (stop just after 0:24)

<https://www.youtube.com/watch?v=y7o-H7EoQIk>

ANSWER: national anthem of the Republic of South Africa [accept Nkosi Sikelel' iAfrika or Lord Bless Africa or God Bless Africa; accept clear knowledge equivalents, such as any of the 11 official names of South Africa: accept Republiek van Suid-Afrika or Repabliki ya Afrika-Borwa or iRiphabliki yeSewula Afrika or iRiphabhulikhi yeNingizimu Afrika or Riphabliki ra Afrika Dzonga or Riphabuliki ya Afurika Tshipembe or iRiphabliki yomZantsi Afrika or iRiphabhulikhi yaseNingizimu Afrika; do NOT accept "The Call of South Africa" or "Die Stem van Suid-Afrika", as that part of the song was not played, and neither is a correct alternative name for the entire anthem, but only the latter part]

18. This character is scolded for her rude behaviour to Miss Bates at a party at Box Hill. For 10 points each:

[10] Name this title match-making protagonist of a Jane Austen novel. She tells her friend Harriet Smith not to date Mr. Martin.

ANSWER: Emma Woodhouse

[10] Emma misinterprets this man's advances towards her as affection for Harriet Smith. This man's lame courting attempts include a word puzzle and framing Emma's painting of Harriet.

ANSWER: Mr. Elton

[10] Emma falls in love with this son of Mr. Weston before even meeting him. It is later revealed that this man was secretly engaged to Jane Fairfax

ANSWER: Frank Churchill [accept either underlined part]

19. This ruler ascended the throne after Felix Zu Schwarzenberg pushed for the abdication of his predecessor Ferdinand I. For 10 points,

[10] Name this ruler whose heir Franz Ferdinand was assassinated by the Black Hand in Sarajevo.

ANSWER: Franz Josef I of Austria-Hungary

[10] Franz Ferdinand became heir presumptive to the Austrian Hungarian throne after the suicide of this son of Franz Josef I. He and his mistress Mary Vetsera were found dead at the Mayerling Hunting Lodge.

ANSWER: Archduke Rudolf

[10] Franz Josef I was the last ruler to invoke *Jus exclusivae* or the Papal Veto. As a result, this man became Pope instead of Mariano Rampolla.

ANSWER: Pius X [or Giuseppe Melchiorre Sarto]

20. Musicians generally aren't the best when it comes to financial decisions. For 10 points each:

[10] This artist's net worth peaked at 33 million dollars but he declared bankruptcy in 1996. His most famous song is based off of a sample of Rick James' "Superfreak".

ANSWER: MC Hammer [or Stanley Kirk Burrell]

[10] Jimmy Cauty and Bill Drummond probably didn't consult a financial advisor when they decided to film the burning of a million pound sterling. They earned the money from the success of this dance band, whose early 90s hits in the UK include "3am Eternal" and "What Time Is Love?".

ANSWER: The KLF [or the JAMs; or the Justified Ancients of MuMu; or The Timelords]

[10] This artist filed for bankruptcy in early 2014 with an estimated net value of negative six hundred thousand dollars. He is better known for starring in a Nickelodeon sitcom as one of the title characters alongside Josh Peck.

ANSWER: (Jared) Drake Bell

21. One author from this movement adapted Shakespeare's *The Tempest* with Prospero as a white slave owner and Caliban as a black slave. For 10 points each,

[10] Name this francophone literary movement which sought to establish a common black identity to oppose colonialism. Aimé Césaire is an author from this movement.

ANSWER: Négritude

[10] This author asked "When you removed the gag that was keeping these black mouths shut, what were you hoping for? That they would sing your praises?" in reference to *négritude* in his essay "Black Orpheus". This existentialist also wrote the plays *The Wall* and *Dirty Hands*.

ANSWER: Jean-Paul Sartre

[10] "Black Orpheus" originally appeared as the introduction to a poetry anthology compiled by this author. He went on to become the first President of Senegal.

ANSWER: Léopold Sédar Senghor

22. Identify some things about a deepening financial crisis within the Eurozone, for 10 points each:

[10] This country has been in a worsening depression and debt crisis since 2009, and despite a recent national referendum in this country that rejected further austerity measures, it was forced to accept another ECB bailout.

ANSWER: Greece [or Hellenic Republic; or Hellas; or Ellinikí Dimokratía]

[10] This current Greek prime minister ran for European Central Commission presidency in 2014 on behalf of the Party of the European Left. In the 2015 Greek legislative election, he led the Coalition of the Radical left, aka Syriza, to victory.

ANSWER: Alexis Tsípras

[10] Greece's former finance minister, Yanis Varoufakis, was mocked by this man for "looking like Pitbull's uncle" because of his popped collar and advised him to "dress for the economy you want, not the economy you have".

ANSWER: John Oliver

23. Answer the following questions about a country that has repeatedly gotten the short end of the European stick, for 10 points each:

[10] This present-day Eastern European country ceased to exist as a sovereign state for 123 years leading up to the end of WWI, as a result of the *rozbiór*, a series of three partitions of this country by Russia, Prussia, and Austria.

ANSWER: Poland [or Republic of Poland (both underlined parts required); or Polska; or Rzeczpospolita Polska; do not accept or prompt on "Polish-Lithuanian Commonwealth"]

[10] This seventh-most populous Polish city and capital of the West Pomeranian Voivodeship fell to Swedish control from 1630 to 1720 and is the largest Polish city on the Oder River. It was Weimar Germany's largest Baltic Port and is home to the top-flight soccer club Pogoń.

ANSWER: Szczecin

[10] This 13th-century salt mine near Kraków remained in service until 2007 and is one of the world's oldest. It is notable for its many statues, chapels, and carvings that are all made out of salt. It forms one half of a UNESCO World Heritage site along with the Bochnia mine, Poland's oldest.

ANSWER: Wieliczka Salt Mine

24. Name some things about a painter who cared waaaayyy too much about horses, Théodore Géricault. For 10 points each:

[10] Géricault's most famous painting is this one, depicting survivors of the title ship waving a flag to get the attention of the far away *Argus*.

ANSWER: The Raft of the Medusa [accept *le Radeau de la Méduse*]

[10] Art students will note that The Raft of the Medusa is based on two of these structures, one of which has its apex at the mast.

ANSWER: pyramids or triangles

[10] Another one of Géricault's paintings is this one that depicts, not surprisingly, more horses and their riders, four to be precise, at the title event.

ANSWER: Derby of Epsom [accept Horse race, Course de chevaux, Le derby de 1821 à Epsom, Le derby d'epsom, or The 1821 Derby at Epsom]