

VETO 2016

Questions by Aaron Dos Remedios, Ian Greig, Paul Kasinski, and Kira Vimal

Tossups

1. A Hamiltonian group of this order has the property that every other Hamiltonian group contains a copy of it. Another group of this order is the holomorph of the cyclic group of order 4. The Sylow Theorems imply that a subgroup of this order exists in any group of order 24 or 40. This is the smallest number that is the order of three distinct Abelian groups. The non-Abelian groups of this size are the group of symmetries of a square and the quaternion group. The elementary Abelian group of this size is the additive group of a three-dimensional vector space over a two-element field, or " Z_2 [z-sub-two] cross Z_2 cross Z_2 ." For 10 points, give the size of the aforementioned quaternion group, which contains the elements 1, i, j, and k, and their negative counterparts.

ANSWER: **8**

2. In one episode from this play, the title character dresses as a clown to deliver poisoned flowers to an employee of Pilia-Borza. The epigraph of T.S. Eliot's "Portrait Of A Lady" quotes a line in act IV of this play where the title character interrupts Bernardine's query "thou hast committed" with "fornication." Ithamore's delivery of a letter in this play causes a duel that kills Mathias, which leads to the conversion of the title character's daughter Abigail. At the end of this play, Ferneze cuts a rope that causes the title character to fall through a trapdoor into a boiling cauldron. For 10 points, name this play about Barabas by Christopher Marlowe that may have inspired William Shakespeare's *The Merchant Of Venice*.

ANSWER: *The Jew Of Malta*

3. Chantal Hébert's book *The Morning After* explored the possible results of this event had it gone differently. The appointment of a "Chief Negotiator" three weeks before this event had a significant impact on its outcome, and that Chief Negotiator formed a triumvirate that also included the leader of the ADQ. The controversial Unity Rally took place three days before this event. Three days before that, the Prime Minister of the non-U.K. country in which this event took place made a last-minute offer of Distinct Society status in an effort to save his campaign. In the aftermath of this event, Jacques Parizeau blamed its result on "money and the ethnic vote". For ten points, name this event, in which 51% of a certain province of Canada voted to remain part of the country.

ANSWER: **1995 Quebec** Sovereignty-Association **Referendum** [or the '**Second Quebec** Sovereignty-Association **Referendum**' or the "**1995 Quebec** independence **Referendum**"; prompt on partial answers]

[Note to moderator: Read the highlighted part slowly]

4. Charles Brewer suggests that this piece may have been inspired by a chaconne in partia III of Heinrich Biber's *Harmonia Artificioso-ariosa*, which may also have influenced the composer's *Musikaliche Ergotzung*. Jean-Francois Paillard made a definitive 1968 recording of this work, which originally included a gigue in the same key. Sixteenth-thirty second-thirty second note patterns alternate with thirty-second-note runs in one of this work's twelve variations of its main theme. A **D-A-B-F sharp G-D-G-A** melody in the basso continuo is repeated twenty-eight times through the entirety of this work. For 10 points, name this piece for three violins and bass in D major, the best known work of Johann Pachelbel.

ANSWER: **Pachelbel's Canon** And Gigue **In D** [accept any answer that includes "Canon" and either of the other two underlined parts; prompt on partial answers; accept just "Canon" after "For 10 points"]

5. This character declares "I don't flirt, I just say what I want" while flirting. A therapist once suggested that this character list the names of intersections near her childhood home to calm herself, resulting in this character repeating the mantra "Birch Street, Higgins Drive, Cobalt Lane" after PTSD attacks. This character tells Pam "what you did was self-defence" after she finds her standing over a dead body, but tells Hogarth "you're on your own". This

character stops a mind-controlled Simpson from killing her best friend, Trish Walker. For ten points, name this private investigator with super strength who fights the mind-controlling Kilgrave on a namesake Netflix series where she is played by Krysten Ritter.

ANSWER: **Jessica Jones** [Accept either underlined part; accept "**Jewel**" but give the player a dirty look]

6. In the Westgate studies, this man and his colleagues put forth the theory that people tend to form friendships or romantic relationships with oft-encountered others. This man is also well-known for a theory which states that people compare themselves to others to evaluate their own opinions and abilities. This man and his colleagues infiltrated a UFO religion in Chicago to investigate coping mechanisms after a prophesied apocalypse did not occur. This man is best known for a phenomenon in which individuals experiencing internal inconsistency become psychologically uncomfortable and are motivated to reduce said inconsistency. For ten points, identify this proponent of the propinquity effect and social comparison theory, a social psychologist whose book *When Prophecy Fails* documented his theory of cognitive dissonance.

ANSWER: Leon **Festinger**

7. One work from this movement argued that it is not necessary to know the state of mind of the Emperor of Manchukuo to predict the weather. The so-called "conservative" branch of this movement included Friedrich Waismann, and that aforementioned book from this movement notably advanced emotivism in its sixth section. Members of this movement included Rudolf Carnap and Otto Neurath. This movement rejected ethics and metaphysics as nonsensical because it argued that all statements that are not either logically true or empirically verifiable are meaningless. For ten points, name this philosophical movement, which was built around the ultimately doomed principle of verificationism, and whose members included the Vienna Circle.

ANSWER: **Logical positivism** [or **Logical empiricism**; accept "**Vienna** Circle" or "**Berlin** Circle" before "Vienna Circle" is read]

8. Several rivers originate in the Mau forest in this country, including the Sondu and Mara rivers. The Athi-Galana-Sabaki is the second longest river entirely in this country, after the Tana River, which passes through the towns of Garissa, Hola, and Garsen before emptying into the Indian Ocean. The Kakamega Forest is partially located in Kisumu County in this country. This country is one of two to claim the Ilemi Triangle. Nakuru, the fourth largest city in this country, lies in the Great Rift Valley. Mount Elgon lies on this country's border with Uganda. This country has a triple point with Ethiopia and Somalia. For ten points, name this African country, whose second-largest city is Mombasa and who shares Mount Kilimanjaro with Tanzania.

ANSWER: **Kenya**

9. The most recent successful one of these events has been referred to as "post-modern" due to its indirect nature. A four-year period of violence that involved the Grey Wolves contributed to one of the events in 1980. That third one of these events was led by Kenan Evren, and resulted in a new constitution being adopted in 1982. The first of these events took place in 1960 and was a reaction to Prime Minister Adnan Menderes's plan to turn towards the Soviet Union. The target of a recent one of these events blamed it on Fetullah Gülen and demanded that the United States extradite him. That one of these events saw the capture of a state broadcaster and two bridges over the Bosphorus. For 10 points, name these events, a recent instance of which failed after Recep Tayyip Erdoğan landed at Istanbul Ataturk Airport.

ANSWER: (Attempted) Military **coups** d'etat in the Republic of **Turkey**

10. This scientist devised a thought experiment in which opening a box long enough to release a single photon then measuring its mass violates the precision bound of the Heisenberg Uncertainty Principle. This scientist's debate with Niels Bohr led to a discussion about hypothetical non-local information transfer between quantum entangled states in a paradox named for this scientist, Podolsky, and Rosen. A modern theory equates dark energy with a

constant that this scientist used to correct a theory where gravitational waves cause distortions in space-time. For 10 points, name this scientist who argued for the incompleteness of quantum mechanics in the EPR paradox and formulated two theories of relativity.

ANSWER: Albert Einstein

WARNING: DESCRIPTION ACCEPTABLE

11. The largest battle in this campaign was an unsuccessful counterattack called the Battle of the Bzura. The defending side in this campaign was unable to fulfill its plan of retreating to the Rumanian Bridgehead. The allies of the defending side in this campaign did not launch the offensive they had promised, a decision often referred to as the Western Betrayal. After refusing to surrender, the capital city of the defending side in this campaign was subjected to the largest bombardment in history at the time. The Molotov-Ribbentrop Pact led to a second surprise attack midway through this campaign. For ten points, name this campaign in which two neighbouring countries invaded an Eastern European nation, the beginning of World War II in Europe.

ANSWER: September Campaign [Accept "1939 Invasion of Poland" or "German Invasion of Poland" or "German-Soviet Invasion of Poland" or "Invasion of Poland in World War II"; prompt on "Invasion of Poland"]

12. In one scene in this film, the Bill Hader-played Stan and his Kate McKinnon-played wife attempt to help the protagonist, who disappears while they are bickering. Gerald is tricked into giving up his green bucket in this film, and Becky uses that bucket to help two of the main characters get into the Marine Life Institute. Those two characters are later rescued from a transport truck heading to Cleveland by the protagonist, who enlists the help of some otters to stop traffic. That rescue mission is also aided by Destiny, a near-sighted whale shark, and Bailey, a beluga who relearns how to echolocate in this film. For ten points, name this 2016 Disney-Pixar film in which the title character must save Marlin and Nemo.

ANSWER: Finding Dory

13. Historical notes from a member of this profession found in Maine are the subject of a speech by Dr. James Pieixoto. A member of this profession intentionally knocks a political dissident unconscious to spare him from an organized ritual performed by members of this profession. A former trainee of this profession flees The Red Centre and becomes a prostitute at Jezebel's. Members of this profession wear red outfits similar to the green worn by Marthas. A character with this profession reads *Vogue* and plays Scrabble with her employer, the husband of the infertile Serena Joy. For 10 points, name this Gileadean childbearing profession whose member Offred is the subject of a Margaret Atwood "Tale."

ANSWER: handmaid

14. One member of this art movement painted another of its artists finishing one of his paintings in *Portrait Of Eva Gonzales*. The title white-clad *Woman In The Garden* is one of the many paintings of Louise Quivoron, the sister of this movement's Marie Bracquemond. A woman looks at a baby shrouded by a net curtain in *The Cradle*, a work in this movement by a woman who sits wearing a white dress in her brother-in-law's *The Balcony*. This movement's artists include Berthe Morisot and an American artist who depicted a woman dipping her child's foot into a bowl of water in *The Child's Bath*. For 10 points, name this movement where Bracquemond and Morisot were deemed the "three great women" along with Mary Cassatt.

ANSWER: Impressionism

15. This molecule was used as a solvent in Ludwig Roselius' namesake early decaffeination process, which led to the development of Sanka. This molecule is the side chain of the amino acid coded for on position 508 in chromosome seven, where a deletion of a UUU codon commonly leads to Cystic Fibrosis. A Friedel-Crafts alkylation of this molecule with propene results in cumene, while two of this molecule link together to form naphthalene. A continuous pi bond gives this molecule 6 delocalized pi electrons, which imparts a certain property

via Huckel's rule. For 10 points, name this molecule represented with a ring of six carbon-carbon bonds of order 1.5, a planar aromatic hydrocarbon with formula C_6H_6 .

ANSWER: **benzene**

16. The OAKA dominates the skyline of this city's northern suburb of Maroussi, and Plaka is the old historical neighbourhood of this city. The changing of the guard is conducted every hour in front of the Tomb of the Unknown Soldier between the Old Royal Palace and Syntagma Square, which is the central square of this city. This city's port, Piraeus, lies on the northeastern edge of the Saronic Gulf and is the second largest passenger port in the world. In 1834, this city replaced Nafplion as the capital of the country in which it is situated, and this city is also the capital of Attica, the administrative region of which it is a part. For ten points, identify this "cradle of Western civilization", the capital city of Greece.

ANSWER: **Athens**

17. Communities established during the intermediate stages of this process are known as seres. Communities in the early stages of this process will be dominated by r-selected species, while k-selected species arrive in later stages of this process. This process is autogenic if driven by biotic components, but allogenic if driven by abiotic components. Early stage changes in the secondary type of this process can occur relatively quickly due to residual fertility and pre-existing organisms. That type of this process is more common than the primary type of this process, in which no ecological community would have previously occupied the area. For ten points, name the term referring to this process of change in the species structure of an ecosystem over time.

ANSWER: ecological **succession** [accept primary **succession** or secondary **succession**]

18. In one poem, this author describes the "fragrance of the earth" as living in a "crystalline" plant whose "leaves were born like swords in the garden." This poet repeats "it is the hour of departure" to a figure he describes as "oh departed one" and "oh abandoned one" in the final poem of one collection. That collection by this poet includes a poem whose title entities, which include "the night is shattered and the blue stars shiver in the distance," are addressed to a girl "I loved....and sometimes she loved me too." The cry "rise to be born with me, my brother" is uttered as the subject reaches the top of the title ruin in a poem from this author's *Canto General*. For 10 points, name this Chilean poet of "Tonight I Can Write The Saddest Lines" and "The Heights Of Macchu Picchu."

ANSWER: Pablo **Neruda**

19. The Mackerras Pendulum is used in this country to project how many seats would change hands with a given change in popular vote. Pauline Hanson leads the far-right One Nation Party in this country, where a small protectionist party is led by Bob Katter. In August 2016, Human Rights Watch published a report accusing this country of "severe abuse" of refugees, and this country is the only one in the world to detain all asylum seekers. The two most recent Prime Ministers of this country both initially took office by deposing their parties' prior leaders in leadership challenges; those deposed leaders were Julia Gillard and Tony Abbott. For ten points, name this country, in which Bill Shorten's Labor Party placed second in a July 2016 election to the Liberal-National Coalition led by Malcolm Turnbull.

ANSWER: Commonwealth of **Australia**

20. Both David Gue and Hugh Forbes attempted to warn the government of this man's most famous act before it took place, and this man earlier founded the League of Gileadites. A famous story of this man kissing a black baby before his death is likely apocryphal, and this man declared that "the crimes of this guilty land cannot be purged away but with blood" in a letter written shortly before his execution. This man was funded by the Secret Six, and during Bleeding Kansas, this man and his supporters killed five pro-slavery settlers in the Pottawatomie Massacre. For ten points, name this radical abolitionist, who attempted to begin a slave revolt in 1859 by leading a raid on the federal armory at Harper's Ferry.

ANSWER: John **Brown**

21. One of this author's short stories, whose narrator confesses to a murder with a poisonous candle, names a term that describes a drive to act against one's self interest. In another story by this author, the narrator is kept awake on a ship by Wyatt's cries as he looks into the title object, which contains his dead wife's body. This author of "The Imp Of The Perverse" created a character who recites the poem "The Haunted Palace" before being crushed in the literal title event by a crumbling edifice. This author wrote about Prince Prospero trying to flee the plague by running through seven coloured rooms at a masked ball. For 10 points, name this author of "The Oblong Box," "The Fall Of The House Of Usher," and "The Masque Of The Red Death."

ANSWER: Edgar Allan **Poe**

22. This man is banned from Uber for life because of his low rating. Richard Splett is originally this man's assistant but is promoted to become this man's boss after it is revealed that he wrote his doctoral dissertation in electoral procedures in the Midwest. Richard later serves as the communications director for this character's congressional campaign, during which this man literally shoots himself in the foot. That mishap inadvertently leads to victory for this character after the NRA begins to attack his opponent, Judy Sherman, for stating that "guns can be dangerous" in her response to the event. Originally serving as the White House Liaison to Selina Meyer, for ten points, name this obnoxious and wildly incompetent newly-minted congressman for New Hampshire from *Veep*.

ANSWER: **Jonah Ryan**

23. This event was captured on a live broadcast, and it was almost immediately followed by 53 seconds of radio silence before reporters resumed commenting on it. The reporter who did had recently caused controversy with his comments about one of the countries involved in this event, and cameras showed a Canadian man thanking the heavens with his hands clasped together in the aftermath of this event. TV cameras shook violently from the noise produced by this event, and it was soon followed by a physical altercation when one man mistook the signals of another, who had been trying to stop the violence of his supporters. This event took place approximately half an hour after an infamous ruling was issued, and this event was followed immediately by an action that would ignite debate over racism, tradition and acceptance of different cultures. For ten points, name this event, in which a certain Toronto Blue Jays right fielder drove in the winning runs in Game 5 of the 2015 American League Divisional Series.

ANSWER: **José Bautista's home run** in Game 5 of the 2015 ALDS [Accept first or last name] [Accept any synonym of home run] [Accept "José Bautista's **bat flip**" until "ignite debate" is read]

24. A river that originates in this location splits into four smaller rivers including the Gihon and the Pishon, which eventually flows into Havilah. There is a flaming sword at the eastern end of this location, which guards a path leading into it. One person from this location named all the animals that he saw in it, and those names are still used today. A husband and wife from this location used a tree for food, but were then expelled before they had the chance to eat fruit from his other tree as well. This place is to the west of Nod. The Tree of Life and the Tree of the Knowledge of Good and Evil are located in, for ten points, what garden, the home of Adam and Eve in the book of Genesis?

ANSWER: Garden Of **Eden**

Bonuses

1. Answer the following questions about rain deities for 10 points each:

[10] In the month of Atlchualo, this Mesoamerican civilization performed mountaintop child sacrifice to appease the rain god Tlaloc.

ANSWER: **Aztecs**

[10] The four month Makahiki festival honours this Hawaiian rain god, who had a penchant for descending on rainbows to woo women like the mortal Kaikilani (ka-ee-ki-lani) and his wife, the goddess Laka.

ANSWER: **Lono**

[10] Rain spirits named Wandjina created Earth and all life on it in the myth of these people, who also identify their chief creator god with the water-dwelling Bunyip.

ANSWER: **Australian** Aboriginals [or **Aborigines**]

2. The frequency of these events was first studied by Motonori Matuyama, who names the most recent one of these events with Bernard Brunhes. For 10 points each:

[10] Name or describe these events that occur approximately every 200,000 to 300,000 years. The period between two of these events is called a chron.

ANSWER: **geomagnetic reversals** [accept any answer that indicates that the **Earth**'s **magnetic** field is **reversing**; prompt on partial answers]

[10] Vine and Matthews used geomagnetic reversals to explain magnetic stripes that result from this process of crust formation. Harry Hess described how this process occurs when magma is forced upwards at mid-ocean ridges.

ANSWER: **seafloor spreading** [antiprompt on "plate tectonics" but don't reveal it if it isn't given since it's the next answer]

[10] Seafloor spreading gave support to this theory describing the motion of land masses on the lithosphere. This theory supplanted the theory of continental drift in the 1960s.

ANSWER: **plate tectonics**

3. While soft-serve ice cream with all sorts of fancy trappings may be a Toronto food trend this summer, name these simpler ice cream flavours given their composition for 10 points each:

[10] Chocolate ice cream, nuts, marshmallows.

ANSWER: **Rocky Road**

[10] Chocolate ice cream, vanilla ice cream, strawberry ice cream

ANSWER: **Neapolitan** [or **harlequin**]

[10] Orange ice cream, black licorice swirl

ANSWER: **Tiger tail**

4. Canada has a movie industry too, guys! But do you know anything about it? For ten points each:

[10] One of the most famous current Canadian directors is this man, who directed both *Prisoners* and *Enemy* in 2013, and *Sicario* in 2015. He is also directing the upcoming sequel to *Blade Runner*.

ANSWER: Denis **Villeneuve**

[10] This man directed *Calendar*, *Exotica*, *The Sweet Hereafter*, and *Ararat*. He can often be seen biking around U of T campus, although surprisingly not around the chemistry department.

ANSWER: Atom **Egoyan**

[10] In 2007, Guy Maddin directed a surrealist mockumentary titled for this Canadian city, his hometown.

ANSWER: **Winnipeg**

5. In this play, Tobukei is exiled from Osaka after Kuheiji swindles him out of two *kamme* of silver. For 10 points each:

[10] Name this Chikamatsu Monzaemon play where Kuheiji's plan to have Tobukei's love Ohatsu for himself leads the two to plan the title action.

ANSWER: *The **Love Suicides At Sonezaki*** [or *The **Double Suicide At Sonezaki*** or ***Sonezaki Shinju***]

[10] *The Love Suicides At Sonezaki* is one of Chikamatsu's plays in the Bunraku form, which represents characters using these objects.

ANSWER: **puppets**

[10] The Sonezaki shrine in the play is located within one of these places called Tenjin. Aokigahara is real-life one of these locations in Japan where many people go to commit suicide.

ANSWER: **forest** [accept clear knowledge equivalents like **woods**]

6. Canada has seen many different left-wing opposition parties throughout its history. Name some, for ten points each:

[10] This party, which was linked to the United Farmers of Alberta movement, won 58 seats in the 1921 election to finish in second place. It soon lost support east of the prairies and was dissolved in 1930.

ANSWER: **Progressive** Party [of Canada]

[10] This party was founded in 1932 when a group of Canadian socialists issued the Regina Manifesto. This party consistently placed third in federal elections before merging with the Canadian Labour Congress in 1961 to create the N.D.P.

ANSWER: **Co-Operative Commonwealth Federation**, Farmer-Labour-Socialist

[10] This party came into prominence in the 2000s, peaking with 7% of the vote in the 2008 election. This party's leader Elizabeth May holds its only seat in parliament, where it has never had more than two members.

ANSWER: **Green** Party [of Canada]

[Note to moderator: Refer to visual bonus #1]

7. Visual bonus! Some paintings feature people and/or apples. Identify some of them, for 5 points each, and their artists, for another 5 points each.

[5,5] ANSWER: The **Son of Man**; René **Magritte**

[5,5] ANSWER: The **Three Graces**; **Raphael**

[5,5] ANSWER: The **Basket of Apples**; Paul **Cézanne**

8. Established in 1918, this national park was the first one to be established for conservation purposes. For ten points each:

[10] Identify this park located in Essex County, Ontario, notable for featuring the southernmost point of mainland Canada.

ANSWER: **Point Pelée** National Park

[10] This other national park in Ontario, situated near Port Severn, consists of 63 small islands or parts of islands. This smallest Canadian national park with an area of 13.5 km² can only be reached by boat.

ANSWER: **Georgian Bay Islands** National Park

[10] Not too far away from Georgian Bay Islands is this national park near Tobermory, located on a part of the Niagara Escarpment. This park's most famous feature is the "Grotto".

ANSWER: **Bruce Peninsula** National Park

9. The two colonies that now constitute this country became independent in 1961 and 1963, and united in 1964. For ten points each:

[10] Name this country formed after the Zanzibar Revolution overthrew the Sultanate of Zanzibar and united it with Tanganyika. This country's first capital was Dar es Salaam, which is still its largest city.

ANSWER: United Republic of **Tanzania**

[10] Tanzania's first leader was this man who led Tanganyika throughout its brief independence. This dictator re-elected himself unopposed every five years until Ali Hassan Mwinyi took over in 1985.

ANSWER: Julius Kambarage **Nyerere**

[10] In 1967, Nyerere issued this declaration outlining his plans to lead Tanzania towards socialism. Despite some successes in health and education, Tanzania's economy declined and became dependent on foreign aid due to this plan.

ANSWER: **Arusha** Declaration

10. A \$1 pocket version of this work reached the Amazon best-seller book list on July 30th, 2016. For ten points each:

[10] That occurrence was inadvertently caused by Khizr Khan, who earlier that week brandished his copy of this work during a speech and asked if Donald Trump had ever read it.

ANSWER: United States Constitution

[10] Khan made that speech at this 2016 political event. Khan appeared at this event to talk about his son, Captain Humayun Khan, who died in Iraq in 2004.

ANSWER: 2016 Democratic National Convention

[10] Khan also asserted that Trump had sacrificed nothing, which Trump refuted in a later ABC interview. Name any one of the sacrifices that Trump claims to have made.

ANSWER: working very very hard / job creation / building great structures / building Vietnam War memorial / raising money for veterans [Accept any of the underlined parts. Be relatively lenient and reward with gratitude but not points any #TrumpSacrifices jokes]

11. Answer the following about disproportionation reactions for 10 points each:

[10] In a disproportionation reaction, the same element undergoes these two processes to produce two different products. These two processes refer to a gain and a loss of electrons.

ANSWER: reduction and oxidation [prompt on partial answers such as “redox”]

[10] This reaction, in which an aldehyde disproportionates into an alcohol and a carboxylic acid, is perhaps the best known disproportionation reaction. It is named for an Italian chemist.

ANSWER: Cannizzaro reaction

[10] You can predict which species are likely to disproportionate by looking at the shape of the curve on one of these diagrams, which plots free energy versus oxidation state at a given pH.

ANSWER: Frost-Ebsworth diagrams

12. The main character of this short story collection inherits a family history from her uncle Craig and sleeps with Garnet French, who she meets at a Baptist Revival meeting. For 10 points each:

[10] Name this short story collection about Del Jordan, a resident of Jubilee, Ontario.

ANSWER: Lives Of Girls And Women

[10] In this short story by the author of *Lives Of Girls And Women*, Mrs. Marsalles holds a piano recital “party” where a handicapped girl from the Greenhill school amazes the narrator with a beautiful rendition of the title piece.

ANSWER: “Dance Of The Happy Shades”

[10] *Lives Of Girls And Women* and *Dance Of The Happy Shades* are short story collections by this Canadian winner of the 2013 Nobel Prize in Literature.

ANSWER: Alice Munro

13. The singer notes that “wide open arms can feel so cold” on this album’s 12-minute long song *Siberian Breaks*. For ten points each:

[10] Name this album, whose title track states “I’ve got someone to make reports, and tell me how my money’s spent” and that “all I need’s a great big” one of the title things. This album also includes “I Found a Whistle” and “Flash Delirium.”

ANSWER: Congratulations

[10] *Congratulations* is by this psychedelic pop duo behind “Time to Pretend,” “Electric Feel,” and “Kids.”

ANSWER: MGMT [or Management]

[10] The seventh track on *Congratulations* is named for this person who “taught me many things, the wisdom of oblique stratagems” and notes “we’re always one step behind him”. This real person’s ridiculous full name is also included in the lyrics.

ANSWER: Brian **Eno** [or Brian Peter George St. John Le Baptiste De La Salle **Eno**"]

14. Name some very apt anagrams, none of which are "Old West Action," for ten points each. Note that, unless specified, the exact answer is required for each question.

[10] One anagram describes a person in this relation to you as "Woman Hitler".

ANSWER: **mother-in-law**

[10] The letters in the name of these members of a certain occupation can be rearranged as "moon starers."

ANSWER: **astronomers** [do not accept "astronomer"]

3. This 25-word phrase is an anagram of the following sentence: "In one of the Bard's best-thought-of tragedies, our insistent hero, Hamlet, queries on two fronts about how life turns rotten." A decent approximation will be accepted.

ANSWER: **To be or not to be: that is the question: whether 'tis nobler in the mind to suffer the slings and arrows of outrageous fortune** [do not accept any answers that proceed past this point, do not prompt on partial answers, be lenient]

15. The narrator enters this location after invoking Apollo and travelling through the Sphere Of Fire. For 10 points each:

[10] Name this title location of a 14th century poem. This place is divided into ten sections.

ANSWER: **Paradiso** [or **Paradise**; accept **Heaven**]

[10] Beatrice serves as this narrator's guide through Paradise in *Paradiso*, the third part of a work in which Virgil earlier guided this blind poet through the Inferno.

ANSWER: **Dante Alighieri** [accept either]

[10] This is the name of the tenth and final Heaven in *Paradiso*. In this location, Dante prays to God to allow him to remember the things he has seen along his journey.

ANSWER: The **Empyrean**

16. In the middle of a romantic candlelit dinner with your partner, you notice something strange. For ten points each:

[10] The candle on your table flickers whenever you say the word "pin" but not when you say the word "bin." That is because the "p" but not the "b sound" has this linguistic quality where a sound is accompanied by a burst of breath.

ANSWER: **aspiration** [accept word forms]

[10] In the International Phonetic Alphabet, aspirated consonants are noted by adding this letter as a superscript. This letter is the symbol for the voiceless glottal fricative, whatever that is.

ANSWER: **h**

[10] This name is given to an obstruent that is unvoiced, unaspirated, unpalatalised, and unglottalised. It is denoted in the IPA by a superscript equals sign.

ANSWER: **tenuis** consonant

17. In his 1930 work *The Right and the Good*, W.D. Ross lists a hierarchy of four things that he considers good. Name some of them for ten points each:

[10] This quality sits atop Ross' hierarchy of good. People and actions with this quality is contrasted with the vicious.

ANSWER: **virtue** [accept word forms]

[10] Scholars of Martingrove Reach For The Top's "Four Ds" could tell you that this non-D word lies below virtue on Ross' hierarchy. Ross states this is more valuable than "right opinion," much as Plato does in section 97 of the *Meno*.

ANSWER: **knowledge**

[10] The last two entries in Ross' hierarchy are this concept and pleasure. A work titled for this concept includes a thought experiment where parties select principles for a society without considering their own personal biases.

ANSWER: justice

18. These materials expel applied magnetic fields in the Meissner effect and are created by cooling a substance below a namesake critical temperature. For 10 points each:

[10] Name these materials that exhibit zero electrical resistance.

ANSWER: superconductors

[10] Superconductors in the Meissner state are said to exhibit the perfect form of this phenomenon where the magnetic susceptibility is exactly -1.

ANSWER: diamagnetism [accept word forms]

[10] Two physicists with this surname used a namesake equation and Ampere's law to show that superconductors cannot have uniform magnetic fields. They are also the namesakes of a quantity that describes how far a magnetic field penetrates into a superconductor.

ANSWER: London

19. The creator of one of these objects curses it in the aria "Bin Ich Nun Frei" after it is stolen by Loge and Wotan. For 10 points each:

[10] Name this type of object forged by the dwarf Alberich in a cycle of four operas named for one of these objects.

ANSWER: a ring [accept *Der **Ring** Des Nibelung* or *The **Ring** Of The Nibelung* or The **Ring** Cycle]

[10] Eduardo tramples a wedding ring given to him by this character after she agrees to marry Arturo instead. This Donazetti title character later dreams about Eduardo while going mad in the aria "Il Dolce Suono."

ANSWER: Lucia di Lammermoor [accept Lucy of Lammermoor, prompt on "Lucy Ashton"]

[10] A character with this name consumes poison from a ring to avoid marrying the Count Di Luna in Verdi's *Il Trovatore*. In *Fidelio*, the title character is a crossdressing woman with a similar name to this one. Either character's name is fine.

ANSWER: Leonora [or Leonore]

20. Answer some questions about the Jacobite movement, for 10 points each.:

[10] Active between the 1680s and 1780s, the Jacobites sought to restore exiled members of this royal house to the thrones of England, Scotland, and Ireland.

ANSWER: Stuart

[10] Jacobitism was effectively quashed after the Rising of 1745, which ended with a crushing defeat at the hands of British troops in this final confrontation on April 16, 1746 in the Scottish Highlands.

ANSWER: Battle of Culloden

[10] That rising was led by this "Young Pretender" from House Stuart, who fled from the Battle of Culloden and made a legendary escape to France, never to return to Scotland.

ANSWER: Charles Edward Stuart [accept Bonnie Prince Charlie]

[Note to moderator: Refer to visual bonus #2]

21.[VISUAL] Identify the following bridges, for 5 points each, and the body of water they cross for another 5 points each.:

[10] ANSWER: Tower Bridge (DO NOT ACCEPT "London Bridge"); River Thames

[10] ANSWER: Confederation Bridge; Northumberland Strait

[10] ANSWER: Ponte Vecchio; Arno River

Visual bonus #1



A



B

C



Visual Bonus #2

A



B



C

