

MKULTRA 3: Asking the Super-Important Questions

Written and Edited by Evan Lynch, Emma Laslett, Edmund Dickinson, David Knapp, Daoud Jackson, Pietro Aronica, Francis Clark-Murray, Tom Hill, Ben Salter, Alex Bubb, James Leahy, Chris Stern, Oliver Clarke
Editors 6

Tossups

1. *Note to players: Type of piece and composer required.*

Sir Thomas Beecham scathingly likened the lively final movement of one of these works to “Like a lot of yaks jumping about”. The basses repeat a “D, C-sharp, B-sharp, B-sharp, C-sharp” motif eleven times near the end of the first movement of one of these works. One of these works includes a quotation from “La Folia” in the slow movement, and during the recapitulation features a quasi-cadenza for the (*) oboe. A nightingale, a quail and a cuckoo are imitated in the 2nd movement of the 6th of these works, in a movement entitled “Scene by the Brook”. That one of these works imitates a storm in its 4th movement, before a “Shepherd’s song”. For 10 points, name these orchestral works, including the *Pastoral* and *Eroica*.

ANSWER: **Symphonies** by Ludwig van **Beethoven** [prompt on symphonies or Beethoven] <BS, Auditory Fine Arts>

2. **In July 2014, an enormous statue of the title character of this work was installed on the South Bank. Jim Bowen claimed that the ancestor of this work can be found in the Greek text *Philogelos*. One character in this work is a qualified brain surgeon but works for British Rail, and another character in this work thinks that (*) Bolton backwards is Ipswich. At the 1990 Conservative Party Conference, Margaret Thatcher referenced this work in describing the Lib Dems’ new logo of a bird. Harry Enfield skewered, for 10 points, what five-minute sketch as so long in the tooth that it is “pushing up daisies” and has “joined the choir invisible”?**

ANSWER: Monty Python’s **Dead Parrot** sketch [prompt on Monty Python’s Flying Circus] <PA, Miscellaneous>

3. **This physicist discovered a namesake relationship between the coefficients describing thermo-electric materials that sets the Peltier coefficient as the product of Seebeck coefficient and temperature. With a German physicist, this physicist produced a competitor to the Maxwell model for visco-elastic materials in which a spring and damper act in parallel. As well as that model with Voigt, this physicist co-names with (*) Helmholtz the instability at a velocity step between two fluids. With James Joule, this physicist described the cooling process of real gases undergoing throttling. For 10 points, name this Scottish physicist who names an absolute temperature scale.**

ANSWER: William **Thomson**, 1st Baron **Kelvin** [accept *either* underlined name; accept Lord **Kelvin**; accept **Thomson** relations or **Kelvin**-Voigt model or **Kelvin**-Helmholtz instability or Joule-**Thomson** cooling] <ED, Physics>

4. **In an essay on ‘What’s Wrong With’ this thing, Charles Taylor argued that a ‘Magenot Line’ defining it in terms of opportunities was adopted out of fear of totalitarianism. This thing is first in the title of a paper by Gerald MacCallum, which models it and another concept using a triadic relation. Benjamin Constant and Alexis de Tocqueville are listed as believing in this thing, ‘which must on no account be (*) violated’, in one work. One philosopher argued that being unable to buy bread did not reduce this thing, as it was defined by interference from other humans. For ten points, name this ‘freedom from’ restraints, which Isaiah Berlin contrasted with its ‘positive’ form in his lecture ‘Two Concepts of Liberty’.**

ANSWER: **negative liberty** [accept **negative freedom**; prompt on liberty or freedom; do not prompt on or accept “positive liberty” or “positive freedom”] <FCM, Philosophy>

5. The *Buffy the Vampire Slayer* episode with this title is the first to explicitly confirm Tara and Willow's relationship when Faith realises it without being told. In *Babylon 5*, this question is known as "the Vorlon question", in comparison to the "Shadow question" of "What do you want?" A 1978 album with this title contains tracks such as "Had Enough" and (*) "Sister Disco", and its title track claims the singer feels like "a dying clown/With a streak of Rin Tin Tin." All 15 seasons of the original *CSI* had as their opening theme a song with, for 10 points, what question asking someone's identity that a band containing Keith Moon and Pete Townshend "really wanna know"?

ANSWER: "Who are you?" <EBL, Miscellaneous>

6. This compound is combined with water in the most common form of the Kalina thermodynamic cycle. The release of this molecule is the final step in the Fischer indole synthesis. Solvated electrons produce a deep blue colour when alkali metals are dissolved in this compound, which is used as a solvent in a reaction which reduces aromatic rings to 1,4-cyclo-hexa-di-enes named for (*) Birch. Two of these molecules coordinate to a central silver atom in Tollens' reagent. This compound is oxidised in the Ostwald process for making nitric acid, and is produced in the Haber process. For 10 points, name this molecule with formula NH_3 .

ANSWER: ammonia [or NH_3 before the end] <EWL, Chemistry>

7. In a book by an author from this country, Penda leads a march of women on the capital which ultimately convinces authorities to concede to the demands of striking railroad workers. In another novel from this country, the heroine complains in a letter to a friend about a period of mourning for her husband, Modou, who had remarried a younger, avaricious woman. One writer from this country compiled an *Anthology of New Black and Malagasy Poetry* for which Sartre wrote the introduction (*) *Black Orpheus*. Home to the authors of *God's Bits of Wood* and *So Long a Letter*, Ousmane Sembene and Mariama Ba, for 10 points name this country where one of the founders of *negritude*, Leopold Senghor, was president.

ANSWER: Senegal [accept French West Africa; prompt on France] <DJ, Literature>

8. The protagonist of one work by this man speaks to and rejects Locaha three times, and responds to injustice with a mantra of "Does not happen!" Mythical characters in one series by this author include Bargains Galore and Prices Slashed, and one name for that series refers to a colony of South American tree frogs living in the eponymous *Bromeliad*. Eponymous characters in this author's first work include Pismire and Snibril, and short stories by this man include (*) "Death and What Comes Next" and "The Sea and Little Fishes". Locations in this man's most famous series include Cori Celesti, Fourecks, and Klatch, and its central characters include Sam Vimes, Esme Weatherwax, and the "wizzard" Rincewind. For 10 points, name this English writer, the author of *Nation*, *The Carpet People*, and the *Discworld* series.

ANSWER: Terry Pratchett <EBL, Trash>

9. An equestrian statue of this man is situated at the centre of a fountain in Olomouc [OH-loh-moh-utz], and a statue of this man is paired with that of Hannibal at the Louvre. Andrea Mantegna painted vases being carried among the spoils of war in a fresco series he made for the Gonzaga family of this man's *Triumph*. This subject of the Chiaramonti and Tusculum portraits was shown reacting to a woman emerging from a (*) carpet by Jean-Léon Gérôme. Lionel Royer painted a defeated chieftain throwing his arms at the feet of this man. For 10 points, what ruler did Vincenzo Camuccini paint getting stabbed to death on the Ides of March?

ANSWER: Gaius Julius Caesar <PA, Visual Fine Arts>

10. Arthur Hosier introduced the use of "bails" in the production of this substance, a technique used extensively by Rex Paterson. In opposition to introduction of compulsory national insurance

payments Aberdeenshire farmers painted one producer of this substance with the words “Lendrum to leeks.” Between 1963 and 1983 in the UK, around 80% of this substance began to be produced using herringbone (*) parlours. A body of producers of this substance was established by the 1933 Agricultural Marketing Act, ran an advert in which a child relates how Ian Rush told him that if he didn’t consume enough of this substance he would only be good enough to play for Accrington Stanley. For 10 points, name this liquid which Margaret Thatcher gained a reputation for snatching as Education Secretary.

ANSWER: Milk [prompt on any dairy products] <DJ, History>

11. It is unclear whether the plant named for this figure is scentless mayweed or sea mayweed, as both are compared to the whiteness of his brow. After his death, this figure was burnt along with his horse, his wife, and an annoying dwarf, and his father had sex with a giant to produce someone who could avenge him. This figure’s father whispered something unrevealed to his corpse, and later used this to outwit Vafþrúðnir. Two (*) promises are asked of all things on this figure’s behalf, and the only ones to refuse are the giantess Thokk and the mistletoe, leading to his death until Ragnarok. This figure is described as “best” of the Æsir, but they make a pastime of throwing stuff at him due to his invulnerability. For 10 points, name this Norse god of light and beauty, killed with a mistletoe spear by his brother, the blind Hodr.

ANSWER: Baldr [or Balder; or Baldur] <EBL, Mythology>

12. In 512 Theodoric the Great granted exemption from taxes to people affected by one of these events. Seneca the Younger described 600 dead sheep from “tainted air” seventeen years prior to the most famous of these events, which Haraldur Sigurdsson speculates may have been related to it. Another of these events was allegedly stopped when the relics of (*) St. Januarius were displayed. One of these events destroyed the cable car mentioned in the song “Funiculí Funiculá”. During one of these events, strong winds at Stabiae prevented ships leaving port, leading to the death of Pliny the Elder. For ten points, name these events, the most famous of which destroyed Herculaneum and Pompeii.

ANSWER: eruptions of Mount Vesuvius [prompt on partial answers like “volcanic eruptions”] <PA, History>

13. This city claims its district of Kista is the second-largest ICT cluster in the world after Silicon Valley. A timeline of world history from 3000 BCE decorates the walls of Rissne station on this city’s metro. This city’s namesake university is situated within the Frescati park. This city is located on Riddarfjärden, the easternmost bay of the lake of Mälaren. The islands of (*) Lidingö and Vaxholm are part of this city’s namesake archipelago. Gröna Lund is an amusement park on the island of Djurgården in this city, in which is a museum dedicated to a 17th century warship that sank on its maiden voyage, the *Vasa*. This city’s Concert Hall hosts the award ceremonies for the Nobel Prize. For ten points, name this capital city of Sweden.

ANSWER: Stockholm <DK, Geography>

14. Robin Thicke provides backing vocals in a Leighton Meester song by this name. The *Glee* cast performs a song by this name at the end of the episode *The Rhodes Not Taken*. In a song by this name, Justin Bieber claims that he’d write a symphony or run a thousand miles for the title person. In another song by this name, Grace Slick sings (*) “don’t you want [the title person], don’t you need [the title person], you better find [the title person].” In a Queen song by this name, Freddy Mercury “gotta get out of [his] prison cell”, and asks if anybody can find him the title person. For ten points, in a song by Solomon Burke and covered by the Blues Brothers, everybody needs what kind of person?

ANSWER: Somebody to Love [do not accept “Someone to Love”] <PA, Trash>

15. This poet horrifically rhymed “flannel-slack’d” with a Yorkshire town in a poem which describes meeting his love “In the Licorice Fields at Pontefract”. This poet described an author

reading *The Yellow Book* as two plain-clothes policemen arrive in “The Arrest of Oscar Wilde at the Cadogan Hotel”. The speaker cries “Phone for the fish knives, Norman” in a poem by this author written for Nancy Mitford’s *Noblesse Oblige*; (*) that poem is “How To Get On in Society”. This poet describes playing “strenuous singles” after tea with Miss Joan Hunter Dunn in “The Subaltern’s Love Song”. For 10 points, name this British Poet Laureate who exhorted “friendly bombs” to fall on Slough.
ANSWER: Sir John Betjeman <EWL, Literature>

16. The First Maori War was caused by attempts to remove this thing from Maiki Hill. In Hong Kong, this thing is nicknamed Rice-Character because of its resemblance to the ideogram. MSP Sandra White caused controversy in 2006 by referring to this thing as a “butcher’s apron”. In the painting *The Death of General Wolfe*, a man stands behind the title character holding this thing. The only (*) US state flag to include this thing is that of Hawaii. This thing was reportedly hoisted beneath the Eureka Flag in the Eureka Rebellion. For ten points, name this flag seen in the canton of the flag of Australia.

ANSWER: Union Jack [or Union Flag; or Flag of Great Britain; or Flag of the UK; or other reasonable equivalents; prompt on flag] <PA, History>

17. There are this many eponymous children “from Planet 5” in the title of a 1959 Murray Leinster book. Professional wrestling stables with this many members include the original Bad Street Boys, SANitY, and a Hall of Fame team formed by Arn Anderson and Ric Flair. Boston synthpop band Freezeopop have this many members, as do the band behind “Alive” and “Youth of the Nation”, P.O.D. Before the departure of Kjartan Sveinsson, (*) Sigur Rós had this many principal members. A superhero team named for this number was led by Reed Richards. For 10 points, give this number, the number of members of Led Zeppelin, Blur, and the Beatles.

ANSWER: Four [accept Four From Planet 5; or Four Horsemen] <EBL, Trash>

18. An “invariant volume” is assigned to subsets of a locally compact type of these structures in the Haar measure, which was used with the Peter-Weyl theorem to solve Hilbert’s fifth problem. Richard Borcherds won the Fields Medal for linking the j-function to one of these structures in the “monstrous moonshine” conjecture. That one of these structures has an order approaching 8 times 10 to the 53, and is sometimes named for (*) Fischer and Greiss. One of these structures which contains boosts, rotations and translations describes the full symmetry of special relativity and is named for Henri Poincaré. For 10 points, name these structures consisting of a single associative operation and a set with an identity and inverse elements.

ANSWER: groups [accept more specific types such as topological groups or symmetry groups] <EWL, Other Science>

19. A 1995 article by this man noted that religious, labour and educational organisations were the clearest illustrations of the title concept. In one work, this man linked poorer governance in the south of a country to its legacy of monarchy, and traced the economic differences between Seveso and Pietrapertosa to the strength of the (*) “civic community”. This man’s most famous work suggested the increasing use of television and video games as explanations for a 40% decline in league games of the title game. For ten points, name this American political sociologist, whose studies of social capital includes *Making Democracy Work* and his book on ‘The Collapse and Revival of American Community’, *Bowling Alone*.

ANSWER: Robert Putnam <FCM, Social Science>

20. Some scenes in this work are interrupted by a vendor loudly yelling “Red hot!” One character in this work objects to someone soaking in a hot tub and wants to know how much a string of fox-pieces cost. Prior to the events of this work, one character witnesses a homosexual affair by “entering a room that [they] thought was empty”. The (*) Varsouviana polka is a frequent refrain in

this work, which reminds one character of the suicide of her husband Allan Grey. That character in this play agrees to go to a mental hospital saying she “always depended on the kindness of strangers”. For ten points, in which Tennessee Williams play does Blanche DuBois take the title New Orleans vehicle?

ANSWER: **A Streetcar Named Desire** <PA, Literature>

Bonuses

1. Twelve of these poems are elegies dedicated to Delmore Schwartz. For 10 points each:

[10] Name this collection of 385 poems which opens “Life, friends, is boring. We must not say so”. This collection centres on a character named Henry, who also goes by the nickname “Mr Bones”.

ANSWER: *The **Dream Songs***

[10] *The Dream Songs* is a collection by this American Confessional poet.

ANSWER: John **Berryman**

[10] Berryman also wrote a poem paying homage to this Puritan poet, who was the first writer to be published in England’s North American colonies. This poet included “To My Dear and Loving Husband” in her collection “The Tenth Muse Lately Sprung Up in America”.

ANSWER: Anne **Bradstreet** <EWL, Literature>

2. This technique can be used to study nuclei in close proximity to one another via the nuclear Overhauser effect. For 10 points each:

[10] Name this spectroscopic technique, which uses a magnetic field to measure the chemical shift of a nucleus relative to some reference. Its most common variants are proton and carbon-13.

ANSWER: **NMR** spectroscopy [or **nuclear magnetic resonance** spectroscopy; prompt on **MRI** or **Magnetic Resonance Imaging**]

[10] When a radio frequency pulse is applied to a nucleus in an external magnetic field, the precession of the magnetisation creates an oscillating voltage, which generates this signal.

ANSWER: **free induction decay** [or **FID**]

[10] Since the FID is a time-domain signal, this mathematical operation is performed on it to yield the frequency-domain NMR spectrum. This operation is also used to obtain a higher signal-to-noise ratio in infrared spectroscopy.

ANSWER: **Fourier transform** [or fast **Fourier transform** or discrete **Fourier transform** I suppose; but do not accept “Fourier series”; prompt on **FT**, **FFT** or **DFT**] <EWL, Chemistry>

3. This architect was influenced Charles-Louis Clérisseau after meeting him on his Grand Tour. For 10 points each:

[10] Name this Scottish architect who designed an ionic colonnade for Osterley Park and lent his surname to a style of interior design practiced at Syon House.

ANSWER: Robert **Adam** [or **Adam** Style; or Style of the Brothers **Adam**]

[10] Robert Adam’s style belonged to this general artistic movement, which in Britain included a Greek Revival prompted by works like James Stuart and Nicholas Revett’s *The Antiquities of Athens*. Antonio Canova was a sculptor in this movement.

ANSWER: **Neoclassicism** [or **Neoclassical**]

[10] The British sculptor John Flaxman produced Neoclassical works such as *The Dancing Hours* and *The Apotheosis of Homer* in wax, for use in this decorative medium.

ANSWER: (Wedgwood) **pottery** [specifically **jasperware**; accept **vases**; or **medallions**; or **plaques**] <ED, Visual Fine Arts>

4. This man's world record for the 110 metres hurdles was only bettered in 2006, thirteen years after he set it. For 10 points each:

[10] Name this Welsh sprint hurdler who won silver at the 1988 Summer Olympics and gold at the 1993 and 1999 World Championships in Athletics.

ANSWER: Colin (Ray) **Jackson**

[10] Jackson's world record was beaten by this Chinese hurdler who won gold at the 2004 Olympics in Athens.

ANSWER: **Liu** Xiang

[10] Jackson was denied gold at Seoul in 1988 by this US hurdler, who also held the world record until Jackson broke it in 1993.

ANSWER: Roger **Kingdom** <DK, Trash>

5. Because science is cool and horror movies are real, answer the following about mind-controlling parasites, for 10 points each:

[10] Probably the best-known mind-altering parasite is this protist which can only reproduce in cats, and so makes infected rats lose their aversion to the smell of cat urine. It can be spread to humans via cat poo.

ANSWER: *Toxoplasma* **gondii** [accept **toxoplasmosis**, prompt on "*Toxoplasma*"]

[10] Those fucking horrifying parasitic wasps you've seen on TV inject this inhibitory neurotransmitter into the ganglia of cockroaches to control them. This compound is formed by the decarboxylation of glutamate.

ANSWER: **GABA** [or **gamma-aminobutyric acid**]

[10] The kamikaze horsehair worm is so named because it infects these insects, causing them to jump into water and drown themselves so the worm can escape and reproduce.

ANSWER: **crickets** [or **grasshoppers**; or **orthopterans**, or **Orthoptera**, or other specific orthopterans such as **katydid**s or **locust**s] <EBL/EWL, Biology>

6. Answer these questions on some characters from eighteenth-century literature, for 10 points each:

[10] This old soldier refuses to swat a fly sitting on his nose, instead plucking it off and laying it on the windowsill. This character injured his groin at the Siege of Namur, which he re-enacts in miniature with Corporal Trim.

ANSWER: Uncle **Toby**

[10] Uncle Toby's baby nephew has the misfortune to be delivered by this incompetent "man-midwife", who damages the baby's nose in the process, requiring this character to fix it using cotton thread and a piece of whalebone.

ANSWER: Doctor **Slop**

[10] Uncle Toby and Doctor Slop appear in this novel by Laurence Sterne, who inserted a plain black page at the point where the titular narrator relates the death of his friend, Parson Yorick.

ANSWER: *The Life and Opinions of **Tristram Shandy**, Gentleman* <ABB, Literature>

7. Your bonuses are on Union generals who aren't Ulysses S. Grant. For 10 points each:

[10] This Union general was perhaps the Confederacy's last chance for victory when he ran for President against Lincoln on a peace platform.

ANSWER: George Brinton **McClellan**

[10] General Lew Wallace had a respectable career, fighting at Shiloh and Monocacy, but is perhaps best known for authoring this novel, which would much later be adapted in an eleven Oscar winning movie.

ANSWER: ***Ben Hur**: A Tale of the Christ*

[10] This general fought at Chancellorsville and Chattanooga and was allegedly very good at securing "entertainment" for his troops. This has led to the urban myth that this man's surname is the origin for a slang word for prostitute.

ANSWER: Joseph **Hooker** <PA, History>

8. One important text in this religion is the *Summa Universalia*, claimed to be a complete summation of the universe, although it does not yet exist. For 10 points each:

[10] Name this debatably-parodic religion, founded in 1963 by Malaclypse the Younger, which encourages the worship of chaos in order to perceive the “capital-T True” reality beyond order and chaos.

ANSWER: **Discordianism**

[10] The principal Discordian deity is this Greek goddess of chaos, and their mythology refers to her not being invited to the wedding of Thetis and Peleus as “The Original Snub”.

ANSWER: **Eris** [prompt on Discordia, I guess]

[10] A significant symbol in Discordianism, therefore, is the gift Eris sent to the wedding - a golden apple bearing this inscription. Answer either in Greek or in translation.

ANSWER: Ti **Kallisti** [accept “to **the fairest**”; or other clear-knowledge equivalent translations] <EBL, Religion>

9. One character in this series learns to control humans with his saliva, while another plans to change his name to Jeff after killing 10,000 zombies. For 10 points each:

[10] Name this ongoing Syfy series that follows a group of survivors as they take Murphy, the only human immune to the zombie virus, across America.

ANSWER: **Z Nation**

[10] *Z Nation* is the surprisingly watchable sole TV offering from The Asylum, the company best known for low-budget hits like this 2013 film in which LA is menaced by the title killer-fish-infested storm.

ANSWER: **Sharknado**

[10] This actor turned down a role in *Sharknado*, but later returned to The Asylum with a lead role in *Lavalantula*. He starred as Cadet Mahoney in *Police Academy*, played an inventor of robots in *Short Circuit*, and with Tom Selleck and Ted Danson was one of the *Three Men and a Baby*.

ANSWER: (Steven Robert) “Steve” **Guttenberg** <EBL, Miscellaneous>

10. Answer the following about the moon Triton, for 10 points each:

[10] Triton is believed to have been captured into Neptune’s orbit from this region of space, which is located nearer to the Sun than the Oort Cloud and is named for a Dutch astronomer.

ANSWER: Edgeworth-**Kuiper** belt

[10] In about 3.6 billion years, Triton will disintegrate, as its orbit will have decayed to within this point, the distance at which tidal forces of a second body are sufficient to overwhelm the gravitational self-attraction of an object.

ANSWER: **Roche** limit

[10] This name is given to an unusual series of fissures and depressions on Triton’s western hemisphere, since it resembles the skin of the namesake fruit.

ANSWER: **cantaloupe** terrain [let’s be nice and prompt on melon] <EWL, Other Science>

11. Answer some questions about ethically dubious psychological experiments, for 10 points each:

[10] This American psychologist used fake electric shocks to test the willingness of his subjects to obey orders from authority figures in a namesake experiment.

ANSWER: Stanley **Milgram**

[10] A 2014 experiment by Kramer, Guillory and Hancock manipulated this website in order to change its users’ emotional states, and showed evidence of emotional contagion through text alone.

ANSWER: **Facebook**

[10] John Watson and Rosalie Rayner used a rat and an external stimulus to condition a baby with this name to fear other furry items, including Santa Claus, in a 1920 experiment.

ANSWER: Little **Albert** <FCM, Social Science>

12. Spoiler alert! For 10 points each:

[10] One of the first uses in print of the term 'spoiler' to refer to plot details of an unseen work was in the April 1971 issue of this American humour magazine. This magazine ran an infamous cover claiming, "If You Don't Buy This Magazine, We'll Kill This Dog."

ANSWER: **National Lampoon**

[10] When deployed on aeroplane wings, spoilers serve to increase drag and descent rate without increasing speed, by locally creating this condition in which flow separation at high angle of attack means a wing no longer generates lift.

ANSWER: **stall** [or **stalled** wing]

[10] In DC Comics, amateur crimefighter Stephanie Brown used the name Spoiler until Tim Drake's depression led her to become the fourth person to assume this otherwise male sidekick persona.

ANSWER: **Robin** [prompt on The **Boy Wonder**] <EBL, Miscellaneous>

13. The Prussian victory at the Battle of Leuthen [LOY-tun] established control over this region during the Seven Years' War. For 10 points each:

[10] Name this rich mining region won by Prussia during the War of the Austrian Succession.

ANSWER: **Silesia** [or **Schlesien**; or **Śląsk**; or **Slezsko**]

[10] Dukes of this first ruling Polish dynasty had continued to rule as Bohemian vassals in Silesia until the 17th century. Casimir III the Great was the last king of this dynasty.

ANSWER: **Piast**

[10] The terms of this later treaty required a plebiscite whereby Upper Silesia could vote to join Poland or remain part of Germany; the run-up to the vote saw two armed uprisings by Poles, and anti-Polish violence committed by the Freikorps.

ANSWER: Treaty of **Versailles** <ED, History>

14. If you're a character in Greek myth, you have a fairly decent chance of getting turned into a flower at some point. For 10 points each:

[10] In Ovid's *Metamorphoses*, the nymph Clytie fell in love with the god of the sun, and turned into this flower when her affections were not returned. Contrary to what you might think, it's not a sunflower.

ANSWER: **heliotrope** [accept **turnsole**, do not accept "sunflower"]

[10] The Greek hyakinthos was not the modern hyacinth, but this plant. According to Ovid "In the centre of the petals letters are inscribed, shared by the hero and the boy, one reading of them being a name, ΑΙΑΣ [AYE-ASS], and the other one, ΑΙ ΑΙ, a cry of woe."

ANSWER: **delphinium** [accept **larkspur**]

[10] This hunter renowned for his beauty might have been turned into a flower after staring at his own image for too long; or it might just have the same name.

ANSWER: **Narcissus** <EBL, Mythology>

15. Alexander von Humboldt and Sir Walter Raleigh explored the lower course of this river. For 10 points each:

[10] Name this major South American river, the drainage basin of which encompasses much of Venezuela and eastern Colombia.

ANSWER: **Orinoco** River

[10] The Orinoco and Amazon river basins are home to subspecies of the boto, which is the largest of these aquatic mammals that inhabit fresh or brackish water and have noticeably longer snouts than their oceanic counterparts.

ANSWER: **river dolphins** [accept **Iniidae**, prompt on **dolphin**]

[10] The Orinoco is connected to the Amazon via this distributary and bifurcation that flows into the Rio Negro.

ANSWER: **Casiquiare** canal or **Casiquiare** river <DK, Geography>

16. Excessively quoting other works: it's not just for literature. For 10 points each:

[10] The refrain “Backstreet’s back/Alright” wasn’t just used in the song that is now stuck in your head, but also in this track from Electric Six’s second album, *Señor Smoke*, which compares the titular US President to “electric underwear”.

ANSWER: “**Jimmy Carter**” [prompt on partial answers]

[10] Kid Rock’s irritatingly ubiquitous “All Summer Long” musically samples both Warren Zevon’s ‘Werewolves of London’ and this Lynyrd Skynyrd song, which it also references in its lyrics.

ANSWER: “**Sweet Home Alabama**”

[10] Some bands like quoting themselves: for example, this band reused the phrase “now my feet won’t touch the ground” in their singles “Life in Technicolour ii” and “Strawberry Swing”, as well as the song of the same name.

ANSWER: **Coldplay** <EBL, Trash>

17. Works by this composer include *Delusion of the Fury*, a combination of a Noh play and an Ethiopian folk tale, and *Barstow*, a musical setting of hitchhiker graffiti. For 10 points each:

[10] Name this American composer, whose works make heavy use of his custom instruments, such as the Chromelodeon and the Quadrangularis Reversum.

ANSWER: Harry **Partch** [do not accept “Arvo Pärt”]

[10] Most of Partch’s music uses his system of dividing the octave into 43 unequal tones, leading to him being generally seen as a pioneer in this style of composition dealing with very small intervals.

ANSWER: **Microtonal** music [accept word forms]

[10] Although the term ‘microtonal’ theoretically only applies to very small intervals between notes, it is widely used to refer to any tuning that uses more than this conventional number of semitones to the octave.

ANSWER: **twelve** <EBL, Auditory Fine Arts>

18. This is MKULTRA, so for 10 points each, answer some questions on Hyadain [*throaty* hee’yah-dah-eeen], a viral creator of silly song videos about classic Japanese video games:

[10] Hyadain jumped to attention with a video suggesting a relationship between Crash Man and the title blue boy robot of this NES series. Another song about this series complains about not being able to beat Air Man.

ANSWER: **Mega Man** [accept **Mega Man 2**; accept **Rockman**]

[10] In probably Hyadain’s best-known video, Princess Peach explains she is rejecting both Mario and Bowser due to their common ugliness, before this green-suited plumber appears sporting a stunning moustache.

ANSWER: **Luigi**

[10] In a Hyadain adaptation of a song by this composer, Rubicante casually identifies himself as the “sexiest” of the Four Fiends of the Elements from *Final Fantasy IV*. This composer is acclaimed for his work on the *Final Fantasy* series.

ANSWER: Nobuo **Uematsu** [accept names in either order] <ED, Trash>

19. Here are some bonuses on Borges short stories tenuously linked by the colours he couldn’t see. For 10 points each:

[10] This colourfully-titled Borges story, concerns a university professor who finds a bunch of creepy, uncountable, multiplying stones and has to palm them off on a blind beggar.

ANSWER: “**Blue Tigers**” [accept “**Tigres azules**”]

[10] In this Borges story, the colourfully-named serial killer Red Scharlach lures and captures detective Erik Lönnrot in with a series of kabbalistic murders based around the Tetragrammaton.

ANSWER: “**Death and the Compass**”

[10] The mythical Crimson Hexagon appears in this Borges story, as one possible room in the titular expansive establishment containing every possible 410-page book.

ANSWER: “The **Library of Babel**” [accept “La **Biblioteca de Babel**”] <EBL, Literature>

20. The older of these two monuments is inscribed "in memory of Thyrvé, his wife, Denmark's adornment." For 10 points each:

[10] Name these monuments, which are named for the town where they still stand, between the burial mounds of Thyrvé and her husband, King Gorm the Old.

ANSWER: **Jelling** Stones

[10] The other Stone was erected by Gorm's son in his memory, and records this man's conversion of Denmark to Christianity. A form of wireless connection was named for him centuries later.

ANSWER: **Harald Bluetooth** [prompt on partial answer]

[10] Harald was forced out of Denmark by this man, his son. Ruling Norway as well, this man raided England repeatedly in the first decade of the millennium to avenge the St Brice's Day massacre, eventually seizing the English throne.

ANSWER: **Sveyn Forkbeard** [prompt on partial answer] <OC, History>