

MKULTR4: Very Vague And Not Well-Funded

Written and Edited by Emma Laslett, Ewan MacAulay, Joey Goldman, Ben Salter, and Oli Clarke

Editors 5

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## Tossups

1. **An 1841 alternative history of the Gunpowder Plot by Harrison Ainsworth imagines Guy Fawkes meeting this man and the founder of Chetham's Library. The British Museum holds an obsidian mirror that Horace Walpole believed belonged to this man. Michael Voynich assumed that the Voynich Manuscript had been sold by this man to Rudolf II, HRE. This man is usually credited with coining the idea of the "British Empire." Robert Hooke suggested that this man was a (\*) spy due to his use of cryptography to conceal correspondence with his patron. This man's notebooks are in the Enochian language he developed with Edward Kelley. For 10 points name this occultist and advisor to Elizabeth I.**

ANSWER: John Dee <JG>

2. **This artist worked on an installation that takes the form of two circles connected by a large net across a river. That work designed by this artist is *Tenemos* and it is the first of the five planned *Tees Valley Giants*. This artist frequently collaborates with Cecil Balmond. A museum-goer was recently hospitalised after falling into this artist's *Descent into Limbo*. This artist holds an exclusive licence for use of the extremely (\*) non-reflective substance Vantablack. This artist's massive trumpet-like *Marsyas* filled the Tate's Turbine Hall in 2003. This artist of Chicago's *Cloud Gate* designed a 115 meter high curvy red nonsense for the Olympic Park. For 10 points, name this artist of the *ArcelorMittal Orbit*.**

ANSWER: Anish Kapoor <JG>

3. **One artist in this genre released the album *Hey Galaxy* in 2017, featuring tracks like 'Boomerang Valentine' and 'Your Life'. One artist in this genre collaborated with Gorillaz on 'Hallelujah Money', and won the 2015 Mercury Music Prize for *At Least For Now*. One artist in this genre tells the story of seven strangers meeting at 4:18 a.m. in her album *Let Them Eat Chaos*, and she curated the 2017 Brighton Festival. It's not funk, but on the B-side of (\*) 'Home Is Where the Hatred Is', one artist in this genre told us 'The Revolution Will Not Be Televised'. One artist in this genre publicly refused an OBE in 2003, and has written books like *Talking Turkeys* and *City Psalms*. For 10 points, name this genre, with performers like Andrea Gibson, Benjamin Clementine, Kate Tempest, Gil Scott-Heron, and Benjamin Zephaniah.**

ANSWER: Spoken word poetry [accept either underlined part, accept performance poetry, be generous and prompt on 'rap'] <EL>

4. **Boswell's biography of Samuel Johnson claims that one member of this group developed an early alarm clock which worked by having a candle burn through a string holding up a heavy weight. Thomas Secker revised the translation of the works of Epictetus composed by one member of this group. Another member of this group criticised Samuel Johnson for insufficiently praising Shakespeare in their *An Essay on the Writings and Genius of Shakespear*. Richard Samuel portrayed several members of this group including (\*) Catherine Macaulay and Hannah More among a group of nine "Living Muses". Elizabeth Carter and Elizabeth Vesey were among the central figures of this group, many of whose early meetings were held in the rooms of Elizabeth Montagu. For 10 points, name this informal group of female intellectuals which was named for an item of informal hosiery.**

ANSWER: The Blue Stockings Society <EM>

5. In one legend, Gagavitz was reported to have turned into one of these creatures upon jumping into Lake Atitlán, creating a whirlpool. One of these creatures was born of the virgin Chimalman in many traditions, although it is disputed whether this was the result of taking an arrow to the womb or swallowing an emerald. Several examples of this creature in myth were associated with sacrifice, such as (\*) Tohil, who was depicted as suckling on the blood of his followers. Most deities in this form were associated with the sun, such as one who burnt his tongue trying to eat the sun, but a rain god in this form created the world in the Popol Vuh. For 10 points, name this mythical creature of Mesoamerican legend, epitomised by deities such as Q'uc'umatz, Kukulcan and Quetzalcoatl.

ANSWER: Feathered Serpent [prompt on 'Quetzalcoatl', 'Kukulcan', 'Q'uc'umatz' or 'Tohil' before said, prompt on 'snake/serpent' alone] <EL>

6. A form of electrochemical spectroscopy named for this quantity often has its data expressed graphically on a Bode or a Nyquist plot. In that technique, a cell is polarised at a fixed voltage then subjected to an oscillating perturbing voltage. The maximum power-transfer theorem states that this quantity should be matched for (\*) load and source to maximise the efficiency of power transfer. For a capacitor, this quantity is inversely proportional to the capacitance and to the frequency. The imaginary part of this quantity is the reactance. Often symbolised "Z", for 10 points, name this quantity which extends the concept of resistance to AC circuits.

ANSWER: Electrical Impedance <EM>

7. Large numbers of these objects are generated during Heinrich events. The empirical "2% rule" describes the speed of these objects in relation to the prevailing wind. The mass of these objects decreases over time due to "ram loss" during their rotation. A characteristic "seltzer" sound associated with these objects arises due to the escape of (\*) compressed gas. These objects' possible non-tabular structures include "drydock", which consist of two peaks separated by water and small examples of these things are called "growlers". The formation, or "calving" of these objects can occur at the termini of glaciers. For 10 points, name these big lumps of ice which sank the *Titanic*.

ANSWER: Icebergs <EM>

8. When asked about a central object in this event, one man involved in this event claimed, "I do not mind it any more than if it were in my waistcoat pocket", and immediately following this event, that man claimed, "I do not care a rap about" this event. The other man involved in this event had followed that man from New Orleans to Milwaukee, and was apprehended by Elbert Martin following this event. The perpetrator of this event claimed to be doing it to avenge the death of (\*) William McKinley, and was foiled by a bullet passing through a metal glasses case and a 50-page copy of 'Progressive Cause Greater Than Any Individual'. For 10 points, name this 1912 event, when John Flammang Schrank tried to kill a former US President, who then proceeded to give a speech claiming that "it takes more than that to kill a Bull Moose."

ANSWER: The attempted assassination of Theodore Roosevelt [prompt on either underlined part alone, accept clear-knowledge alternatives] <EL>

9. Robert Nozick proposed a theory that has trouble with the brain in the vat situation that is named for "tracking" this concept. Russell and Moore rejected the correspondence theory of this concept for one based on identity. Convention-T was proposed by Alfred Tarski in his semantic theory of this concept. The deflationary theory of this concept holds that (\*) asserting a sentence P has this quality is that same as asserting the sentence P. Wittgenstein's *Tractatus Logico-Philosophicus* is often cited as the origin of tables named for this concept. Verbs are factive if they presuppose this quality of the embedded sentence. For 10 points, name this concept opposed to falsity.

ANSWER: truth [accept word forms] <JG>

10. Growing exploitation of geothermal energy in this mountain range has led to destruction of the habitat of Bailey's hot-spring snake. A tiny jumping spider found in this mountain range is thought to subsist entirely on flies that are accidentally blown up to its altitude. An unclimbed sacred mountain in this range has a 32-mile trek around its base which is completed either clockwise or anti-clockwise depending on a pilgrim's religion. (\*) "Sleeping Beauty" and "Green Boots" are among the nicknames of climbers who have died in this mountain range. Trekkers in this mountain range pass through Lukle and Gorak Shep on their way to a camp just below the Khumbu Icefall. For 10 points, name this mountain range which contains summits such as Mount Kailash and Mount Everest.

ANSWER: Himalayas <EM>

11. This city titles an Alexander Chee novel about Aphias Zhe who is molested by the choir director Big Eric Gorenndt. The second half of a novel largely set in this city contains a diary about the influence of Gil-Martin, who purports to be Peter the Great. George sees a vision of his brother Robert, who then attempts to chuck him off a hill, in this city. *Blackwood's Magazine* was published in this city. This is the city in which the majority of the action of *The (\*) Private Memoirs and Confessions of a Justified Sinner* takes place. A school in this city includes a "set" named for the novel's title character, and which includes the girl Sandy who becomes the nun Helen. For 10 points, name this setting of most of *The Prime of Miss Jean Brodie*.

ANSWER: Edinburgh <JG>

12. This letter appears in the ground state term symbol for the diatomic compound nitric oxide. A type of supramolecular interaction denoted by this letter can be explained by the attraction of opposite quadrupole moments. The high stability of metal carbonyl complexes arises due to the overlap of metal d-orbitals with antibonding orbitals of this symmetry on the ligand. (\*) Osmotic pressure is commonly denoted by this letter. Huckel's rule states that aromatic molecules must contain  $4n+2$  electrons within a delocalised system denoted by this letter. For 10 points, give this Greek letter which denotes bonds formed by the side-on overlap of p-orbitals.

ANSWER:  $\pi$  (or  $\pi_i$ ) <EM>

13. A piano concerto by this composer opens with the double-basses playing sextuplet semiquavers, before a very low solo from the contrabassoon. Alternating C-sharp major chords and A-naturals in the right hand create a shimmering effect in the opening of a solo piano work by this composer. A hanged man is depicted using a persistent (\*) B-flat octave ostinato in the second movement of a work by this man, based on 3 poems by Aloysius Bertrand. Michel Fokine choreographed a ballet with music by this composer, based on a work by Longus about the love between a goatherd and a shepherdess. For 10 points, name this French impressionist composer of *Gaspard de la Nuit* and *Daphnis et Chloé*, who evoked Spanish dancing in his *Bolero*.

ANSWER: Maurice Ravel <BS>

14. In *The White Vault*, the team find a room whose floor is made up of boxes containing these objects. In *Legends of Tomorrow*, Rip Hunter's safety deposit box number is found engraved on one of these objects. In a 2007 horror film named for these objects, Jess Weixler's character finds these objects growing in her (\*) vagina. In *Rise of the Guardians*, these objects are revealed to contain children's memories, and Isla Fisher's character is named for these objects, which she collects and replaces with quarters. In *Marathon Man*, Christian Szell tortures Babe by drilling into these objects and asking "Is it safe?" For 10 points, name these body parts, several of which get punched out of Oberynt Martell's mouth in 'The Mountain and the Viper'.

ANSWER: teeth <EL>

15. In *Runescape 3*, the most effective one of these items is named for the Imcando Tribe, while less powerful versions can be made after completing the *Perils of Ice Mountain* quest. In *Fortnite Battle*

**Royale, skins can be used to make one of these items resemble used paint rollers or rainbow-coloured unicorn hobby horses. In *Team Fortress 2*, an unlockable weapon for the (\*) Soldier class is one of these objects which deals more damage if the user is on low health and is called the "Equalizer". One of these items can be found at the very top of the Throat of the World in *Skyrim* and is named in reference to Notch, the designer of *Minecraft*. Often carried by dwarves, for 10 points name these implements used for mining.**

ANSWER: Pickaxe (accept Harvesting tool until '*Team Fortress 2*') <EM>

**16. An author with this last name wrote a novel about a man who leaves a job in banking to work at a sweet factory where he begins to use his accounting knowledge to keep track of the ills and goods that society does to him. That author with this surname wrote a novel about a sportswriter sent to what appears to be Nottingham, but that novel comes with all of its 27 chapters bound separately, with only the first and last identified. The author of *Christie Malry's Own Double-Entry* and *The Unfortunates* shares this last name with the author of a novel about an (\*) Abyssinian king who is stuck in the Happy Valley. That author with this surname wrote *Rasselas*. For 10 points, give this last name of the subject of a biography by James Boswell.**

ANSWER: Johnson [accept Samuel Johnson or B(ryan) S(tanley) Johnson] <JG>

**17. In one series by this director, the three Triumbric Stones are used to unlock the sword 'Eclipse'. After finding a key in the belly of a toad, the protagonist of one film by this director steals two grapes from a banquet table and is nearly killed by the Pale Man. In another film by this director, a magical crown is split into three pieces to stop the eponymous (\*) Golden Army. That film is a sequel to another film by this director, in which the eponymous character stops Rasputin freeing the Ogdru Jahad. Strangely-named characters in another film by this director include Raleigh Becket and Stacker Pentecost, as well as jaegers like Striker Eureka and Gipsy Danger. For 10 points, name this Mexican director of *Hellboy*, *Pan's Labyrinth* and *Pacific Rim*.**

ANSWER: Guillermo del Toro Gómez <EL>

**18. The world's only state church following this tradition is the Congregational Christian Church of Tuvalu. One work by this denomination's founder states that the Eucharist is a means of grace in which God is present spiritually rather than physically, and was annotated by Heinrich Bullinger. Mnemonics like 'TULIP' and 'PROOF' are used to describe this religion's so-called (\*) 'five points', such as 'irresistible grace' and 'perseverance of the saints'. The teachings of this religion hold that, due to original sin, people are incapable of choosing to follow God, and so are saved through 'unconditional election'. For 10 points, also known as the Reformed Tradition, name this Protestant denomination, characterised by its views on 'total depravity' and predestination and named for a 16th Century French theologian.**

ANSWER: Calvinism [accept Reformed before said, prompt on 'Christianity' or 'Protestantism'] <EL>

**19. One settlement in this work includes such inhabitants as Nildro-hain and Silverweed, who develop song, art, and poetry, and forbids asking where inhabitants are, due to a system known as 'the shining wire'. Mythical figures in this work include King Darzin, the sun god Lord Frith, and the trickster hero known as 'The Prince with a Thousand Enemies', or (\*) El-ahrairah. Refugees from a tyrannical regime in this work include Thethuthinnang, Blackavar, and Hyzenthlay, all of whom escape Efrafa and the rule of General Woundwort. This book's protagonists escape to the eponymous Hampshire location after escaping their Sandleford home's destruction due to Fiver's premonition. For 10 points, also featuring Silver, Bigwig, and Hazel, name this 1972 Richard Adams book about rabbits.**

ANSWER: Watership Down [do not accept or prompt on '*Tales from Watership Down*'] <EL>

**20. An event in this city titles a poem that asserts "There's enough time / for hair to come loose, / for keys and coins / to fall from pockets." The mother of a protagonist of a novel set in this city**

**contacts every Black person in the neighbourhood, but in a non-racist way. A tryst between Danielle and Murray takes place in a Claire Messud novel about wealthy youths in this city. Keith Neudecker begins to cheat on his wife Lianne in a novel set in this city. Another novel set in this city concerns the child Oskar Schell who discovers a (\*) key in his late father's vase. A novel about the aftermath of an event in this city was titled after a Richard Drew photograph. For 10 points, name this city that provides the setting for DeLillo's *Falling Man* and Foer's *Extremely Loud and Incredibly Close*.**

ANSWER: New York City <JG>

## Bonuses

1. In 1989, this man co-designed the first commercial seven-string guitar, the Ibanez Universe, borrowing numerous elements from his previous JEM model. For 10 points each:

[10] Name this virtuoso electric guitar player and frequent collaborator of Frank Zappa and David Lee Roth, who released *Passion and Warfare* in 1990.

ANSWER: Steve Vai

[10] Vai's first acting role was in *Crossroads*, in which he played Jack Butler, 'the Devil's guitar player', and duelled Eugene Martone, played by this star of the *Karate Kid* franchise.

ANSWER: Ralph George Macchio

[10] Possibly Vai's most widely heard track is the 'MJOLNIR Mix' of the main theme from this video game series, whose subtitles have included *Guardians*, *ODST*, and *Combat Evolved*.

ANSWER: Halo <EL>

2. Let's see what you know about the legal history of the reign of Charles I, for 10 points each.

[10] Charles I's peacetime levying of this medieval tax was refused by John Hampden, whose case was heard by all 12 judges in the Court of the Exchequer. Hampden lost the case 7-5 and Charles I continued to levy the tax.

ANSWER: ship money

[10] Charles I's levying of ship money was ended in 1640 by this parliament, aptly named for the fact it sat from 1640 to 1660.

ANSWER: Long Parliament

[10] This 1627 case, sometimes named for one of its participants, Thomas Darnell, concerned whether the fact that claimants were held "by the special command of his majesty" was sufficient to deny them habeas corpus.

ANSWER: Five Knights' case <JG>

3. Since we're already voluntarily spending the day pushing buttons so our knowledge can be evaluated, let's have some bonuses on other people who've appeared in *Black Mirror*. For 10 points each:

[10] In *White Christmas*, dating coach and AI wrangler Matt is portrayed by this American actor, better known for his starring role as Don Draper in *Mad Men*.

ANSWER: Jon Hamm

[10] Season 4's *Metalhead* is almost entirely a solo performance by this actress of *Dinnerladies*, *Shameless* and *Silk*, as she tries to evade packs of robot 'dogs'.

ANSWER: Maxine Peake

[10] Mackenzie Davis and Gugu Mbatha-Raw star as the central couple in this Emmy-winning third-season episode, set in the eponymous 1980s resort town.

ANSWER: San Junipero <EL>

4. You have died. Dang. Still, it'll be interesting to see who was right about the judgement that comes next. For 10 points each:

[10] If Japanese mythology was right, you'll probably get to wait in *meido* for a while while this king of the dead judges whether you deserve to be reincarnated.

ANSWER: Great King **Enma** [accept **Enma** Daiou]

[10] On the other hand, if Zoroastrians are right, you'll have to cross the Chinvat Bridge, a magic bridge to the House of Song guarded by two four-eyed examples of these animals.

ANSWER: **dogs**

[10] Of course, if the Egyptians were right (and hey, they built the pyramids) your heart's going to be taken out to be weighed against Ma'at, the personification of truth often represented as this object.

ANSWER: An ostrich **feather** <EL>

5. A four-voice "reduction" of this work was written by the composer's student, Giovanni Francesco Anerio. For 10 points each:

[10] Name this composition, which was apocryphally written to convince the Council of Trent not to ban polyphonic music in the Catholic Church.

ANSWER: *Pope* **Marcellus Mass** [or **Missa Papae Marcelli**]

[10] The *Pope Marcellus Mass* was written by this Italian Renaissance composer, the title character of an opera by Hans Pfitzner. The Song of Solomon was the inspiration for this composer's set of motets, *Canticum Canticorum*.

ANSWER: Giovanni Pierluigi da **Palestrina**

[10] Palestrina also wrote a six-part motet based on this Gregorian chant, intended to be performed at Christmas. American composer Morten Lauridsen's most famous work is a sacred motet of this name.

ANSWER: **O Magnum Mysterium** [or **O Great Mystery**; note that "Magnum" is pronounced "MAHN-yum", but accept phonetic answers] <BS>

6. A form of diamagnetism named for this scientist describes the magnetisation of the free electrons in a metal. For 10 points each:

[10] Name this scientist who also wrote a series of very dense textbooks with his student Evgeny Lifshitz.

ANSWER: Lev **Landau**

[10] Landau also names a form of quantisation of orbits observed in these early particle accelerators which used a high voltage alternating current across two hollow D-shaped electrodes.

ANSWER: **Cyclotrons**

[10] Landau took a Taylor expansion of the order parameter to develop a theory describing these phenomena such as freezing, melting and sublimation.

ANSWER: **Phase transitions** (or **phase changes**) <EM>

7. The world's biggest-selling drug, Adalimumab, acts by binding to this protein. For 10 points each:

[10] Name this trimeric protein which binds to the RANK receptor to prevent activation of NF-kappa-B.

ANSWER: **TNF-alpha**

[10] TNF alpha is one of these cell signalling proteins, other examples of which include the interferons and interleukins. They are usually expressed at much lower levels than hormones.

ANSWER: **Cytokine**

[10] Adalimumab is a drug which consists of the "monoclonal" variety of these proteins, which are also known as immunoglobulins.

ANSWER: **Antibodies** <EM>

8. Oh no! Your internet is down! Answer some questions about what you can do instead, for 10 points each:

[10] If you're using Google Chrome, you can hit the spacebar on the "no internet connection" page to play a game where you try and get a T-rex to avoid pterodactyls and these plants.

ANSWER: **Cacti** (or **Cactuses**, anti-prompt on any specific type of cactus)

[10] Another option, if you're still on Windows XP, is to play a "Space Cadet" version of this game, where missions can be completed by hitting "attack bumpers".

ANSWER: **Pinball**

[10] Perhaps the archetypal no-internet game is this one, where a right-click can be used to place a flag. Recent Windows editions have renamed it "Flower Field" in the hope of sounding less aggressive.

ANSWER: **Minesweeper** <EM>

9. If authors are to be believed, Wittgenstein owned an awful lot of things. For 10 points each:

[10] A William Gay short story titled for *Wittgenstein's this* concerns a man called Rideout seeking revenge upon the man who shot his dog. This Nabokov novel is narrated by the duplicitous Humbert Humbert.

ANSWER: **Lolita**

[10] David Foster Wallace's collection *Both Flesh and Not* includes an essay titled "The Empty Plenum" about this author's novel *Wittgenstein's Mistress*. This author's final novel is called *The Last Novel*.

ANSWER: David **Markson**

[10] The narrator of this author's novel *Wittgenstein's Nephew* becomes closer to Paul Wittgenstein as they recover in hospital. This author also reimagined Wittgenstein's construction of a house for his sister in *Correction*.

ANSWER: Thomas **Bernhard** <JG>

10. Time to see how much you know about Francophone pop hits in the UK. Pour dix points chacun:

[10] You probably know Plastic Bertrand's 'Ça plane pour moi', but this English-language version of the same song was released a couple of months earlier by Elton Motello.

ANSWER: '**Jet Boy, Jet Girl**'

[10] This partially-Francophone jazz track by Wayne Shanklin was originally recorded by The Lettermen, but later made it to #1 in the UK when released by The Manhattan Transfer.

ANSWER: '**Chanson D'Amour**'

[10] 'La Vie en rose' has been a hit for Grace Jones and Donna Summer, but was originally recorded by this Parisian 'Little Sparrow' in 1947.

ANSWER: Édith **Piaf** [accept Édith Giovanna **Gassion**] <EL>

11. In one of this poet's poems Offa says "I liked that...sing it again" after being hailed as the "King of the perennial holly-groves, the riven sandstone: overlord of the M5". For 10 points each:

[10] Name this former Professor of Poetry at Oxford and author of the *Mercian Hymns*.

ANSWER Geoffrey **Hill**

[10] Hill was married to this priest and poet who wrote the libretti for *Nixon in China* and *The Death of Klinghoffer*.

ANSWER: Alice **Goodman**

[10] In a poem that transposes this author of the classical poem *Metamorphoses* to be "in the Third Reich", Hill wrote that "I have learned one thing: not to look down / So much upon the damned."

ANSWER: **Ovid** <JG>

12. The central character of this novel recalls swimming across a lake with a fellow pupil on whom he had a crush. For 10 points each:

[10] Identify this novel by Will Eaves which reimagines the chemical castration of Alan Turing through a fictionalisation of him as Alec Pryor.

ANSWER: **Murmur**

[10] This author's *Cryptonomicon* features two primary timelines, one set in the 1990s and the other during WW2. Turing appears as a colleague and friend to the fictional Rudy von Hacklheber in the earlier timeline.

ANSWER: Neal **Stephenson**

[10] This progenitor of both cyberpunk and steampunk imagined the Turing Registry Agents as the cyber-police force in his novel *Neuromancer*.

ANSWER: William **Gibson** <JG>

13. This work uses the critical terminology of Northrop Frye to develop a theory of how historians turn a chronicle of events into a historical narrative. For 10 points each:

[10] This historian coined the term “emplotment” to enable his use of literary terminology for historical analysis. Identify this author of *Metahistory: The Historical Imagination in Nineteenth-century Europe*.

ANSWER: Hayden **White**

[10] White’s *Metahistory* includes a table that pairs tropes with various formal moves and archetypal historians within that trope. This Swiss historian of *The Civilization of the Renaissance in Italy* is presented as the model for the ‘ironic’ trope.

ANSWER: Jacob **Burckhardt**

[10] Burckhardt and White’s work are often classified as part of this field that studies the method and writing of history.

ANSWER: **historiography** <JG>

14. Answer some questions about Djibouti. For 10 points each:

[10] Djibouti’s ports have grown massively in recent years owing to demand from this neighbouring country, the largest landlocked one in the world.

ANSWER: **Ethiopia**

[10] Djibouti’s Lake Assal lies in this region at the north end of the Great Rift Valley. The Danakil Depression is part of this highly geologically active region which houses a namesake “triple junction”.

ANSWER: **Afar** Triangle

[10] The Afar Triangle is also home to Erta Ale, one of these structures. An unusual black one of these structures is observed intermittently at Ol Doinyo Lengai in Tanzania.

ANSWER: **Lava lakes** <EM>

15. Social network theory isn’t just the accumulated head-canon of all the fans of that film about Facebook. For 10 points each:

[10] This social network theorist wrote basically the most cited paper in all of sociology. That paper, “The Strength of Weak Ties”, argued that network models dealing exclusively with well-defined communities of people with strong ties leave too much out.

ANSWER: Mark **Granovetter**

[10] Like Thomas Schelling, Mark Granovetter has done extensive work on “threshold models” which were adapted by this bunk populist into the book *The Tipping Point*. This schmo runs the Revisionist History podcast and wrote *Outliers*.

ANSWER: Malcolm **Gladwell**

[10] Granovetter’s paper “Economic Action and Social Structure” discussed the idea of embeddedness, which holds that the economy doesn’t exist as an abstract market but is embedded in social networks. The idea of embeddedness was introduced by this economist in his book *The Great Transformation*.

ANSWER: Karl **Polanyi** <JG>

16. As anyone who spends a lot of time on the internet will know, TV Tropes Will Ruin Your Vocabulary. To help with that, have some bonuses on the history of some trope names. For 10 points each:

[10] This term is used to describe the situation where the character of a land’s ruler affects the condition of the land, after a wounded monarch of the same name in Arthurian legend.

ANSWER: **Fisher King**

[10] On the lighter end of things, this term for an unexplained past event with implied disastrous consequences comes from a *Calvin and Hobbes* strip, in which no-one can prove Calvin did it.

ANSWER: **Noodle Incident**

[10] Probably the most recognisable trope name is this term for an object that drives the plot while having no particular function, widely used by Alfred Hitchcock to refer to the central objects of his films.

ANSWER: **MacGuffin** <EL>

17. In this artist's *The Trial*, the central figure's eyes peer out from a black box that stands on a thin black neck. For 10 points each:

[10] Identify this artist. This artist was central to the Heide Circle and produced an extensive series of paintings of Ned Kelly.

ANSWER: Sir Sidney **Nolan**

[10] Like Ned Kelly, Nolan was from this country.

ANSWER: **Australia**

[10] Not to be confused with the Heide Circle is the Heidelberg School, another major Australian art movement. The Heidelberg School is the Australian version of this artistic movement.

ANSWER: **impressionism** <JG>

18. Despite a blanket ban on blades and weapons at the 2012 Olympics, these objects were explicitly permitted. For 10 points each:

[10] Name this knife or sword carried by observant Sikhs as one of the 'Five Ks', symbolising their duty to come to the aid of those in need.

ANSWER: **Kirpan**

[10] Probably the most identifiable one of the Five K's is Kesh, which forbids this practice. As a result, most Sikh men wear a turban.

ANSWER: **cutting the hair** [accept clear-knowledge equivalents]

[10] Also under the turban, the kangha is a small wooden example of these objects, worn in the hair to symbolise cleanliness.

ANSWER: **comb** <EL>

19. This caliph ruled that Jews and Christians had to differentiate themselves from Muslims in his kingdom by wearing a black belt and turban, and that Jews had to wear a bell around their necks when in public baths. For 10 points each:

[10] Identify this "Mad Caliph".

ANSWER: Al **Hakim** bi-Amr Allah [or **Abu ali Mansur**]

[10] Hakim was a ruler of this North African caliphate that adopted Ismaili Shia as its form of Islam.

ANSWER: **Fatimid**

[10] The Fatimids established their original capital at Raqqada, which they captured from this Arab emirate subject to the Abbasids. This dynasty was established when al-Rashid granted Ibrahim I to Emirate of Ifriqiya.

ANSWER: **Aghlabids** <JG>

20. Though useful, pointers can be the source of many subtle errors when programming. For 10 points each:

[10] Pointers are used to "point to" a specific address in this computing resource. Processes are usually loaded into the "Random Access" variety of this resource when run.

ANSWER: (Computer) **memory** [accept Random Access **Memory** or **RAM**]

[10] If you accidentally dereference a null pointer, you'll cause this specific error, which occurs when a program attempts to access an area of memory which it does not have permission to access.

ANSWER: **Segmentation** fault [or **segfault**; or **segmentation** violation]

[10] Nowadays, there's little excuse for most memory errors, because memory-checking tools exist. This open-source tool, created by Julian Seward and named after the gateway to Valhalla, can identify several common pointer-based errors in C, such as double-frees, invalid array accesses, and memory leaks.

ANSWER: **Valgrind** [VAL-GRINNED] [accept **memcheck**, which is the specific sub-program of Valgrind described in the question]

### **Tiebreaker**

**Lionel Trilling** frequently compared this poet's work to the ethical teachings compiled in the *Pirkei Avot*. **Helen Vendler** disputed Trilling's reading of this poet as writing "not about poetry" but "about life" in regards to a poem this poet wrote that claims "those first affections" cannot be abolished by "all that is at enmity with joy". This poet lamented losing the sight of things "apparelled in celestial light". Another poem by this poet describes the "best portion of a good man's life, / His little, nameless, (\*) unremembered acts / Of kindness." This poet wrote of "some Hermit's cave, where by his fire / The Hermit sits alone." This author of "Ode: Intimations of Immortality" wrote a poem that opens "Five years have past; five summers, with the length / Of five long winters!" For 10 points, name this romantic poet of "Tintern Abbey".

ANSWER: William **Wordsworth**