

MKVLTRA: Tamashi Gunkan

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**Packet 4: My Brain Thinks Everyone Else Is A Linguist Too**

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**Tossups**

**1. A rebellion against a monarch of this name's reforms was known as the Chicken War because it resulted only in the death of chickens. The jester Stanczyk [stan-chuk] made a witty riposte to a king of this name who had released a bear to hunt it, causing his wife Bona Sforza to suffer a miscarriage. John Dee and Edward Kelley have been cited as inspiration for a story in which Pan Twardowski is dropped on the moon after bringing the wife of a king of this name, (\*) Barbara Radziwill, back to life. Albert Hohenzollern was made a Duke by a ruler of this name in the Prussian Homage. Childless after three marriages, a ruler of this name pushed through the Union of Lublin to secure his united domain. For 10 points, give this name shared by the last two Jagellion kings of Poland.**

ANSWER: Sigismund

<DJ>

**2. Anastylosis was introduced into this city by Henri Marchal and Maurice Glaize who worked as a conservator here. Louis Finot argued that parts of this city were dedicated to Lokesvara, even after a change in official religion. Michael Vickery has argued that a leader of this city was involved with the politics of its (\*) Champa rivals and thus that his reign signified substantial change, including the construction of the Bayon temple. The main account of life in this city was written by Zhou Daguan who included descriptions of several artificial lakes known as barays. This city was founded by Yasovarman to replace an earlier capital known as Hariharalaya, located further from the Tonlé Sap lake. For 10 points, name this capital of the Khmer empire, home to an enormous Wat temple.**

ANSWER: Angkor

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**3. NOTE TO PLAYERS: description acceptable.**

**In 2010, one member of this group ran as the Lib Dem candidate in Carlisle, while another member of this group was forced to leave it after calling Thatcher "incompetent", but would return in 2012 to promote The Good Intentions. In 2005, one of this group brought legal action when his face was not removed from photos with Andrew Brackfield and John Brisby, with whom he sang 'Waltzing Matilda' in Latin at (\*) prep school. Lynn's death in 2013 means that only 13 of this group remain, with Sue about to retire, Yorkshireman Nick a physicist with throat cancer and cabbie Tony back in Essex. Brought together to track "the shop steward and executive" of the future, for 10 points, name this group of people in a longitudinal documentary series by Michael Apted.**

ANSWER: The 7 Up Kids [accept equivalent descriptions that convey the people in the *Up* series directed by Michael Apted]

<EW>

4. **The Lyddane–Sachs–Teller relation gives the ratio between transverse and longitudinal frequencies of these objects in terms of frequency-dependent permittivities. These objects can “tunnel” across nanometre-wide gaps to transfer heat, at distances too short for radiation and too long for conduction. In a crystal, the density of states of these objects determines the (\*) heat capacity. In a solid, the slope of the dispersion relation gives the speed of propagation of these things, which for the acoustic type of these is the speed of sound. A crystal lattice in its ground state contains none of these things. For 10 points, name these quasiparticles, collective excitations in condensed matter that are the quanta of vibrational energy.**

ANSWER: phonons

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5. **The first of these figures is recorded to have been 1,500 metres tall and to have lived for 592 quintillion years, and he had 102 children by Sunanda and Sumangala. The first figure of this kind was Rishabhanatha, and one of these figures, who succeeded Neminatha, is generally identified in depictions by being crowned with a seven-headed serpent, and allowed ascetics to wear clothes. For this reason, Parshvanatha disagreed with another one of these figures, leading to the split between the (\*) Svetambara and Digambara traditions of one religion - that figure of this kind was Mahavira. For 10 points, name these enlightened spiritual leaders in Jainism, whose name translates as ‘ford-makers’.**

ANSWER: Tirthankaras [accept ford-makers until said]

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6. **A musical instrument belonging to this figure had a name meaning ‘Childbirth’, and killed nine of the men who had stolen it when this figure called for it. This figure had an affair with a river-goddess, and then stopped the sun for nine months so that their illegitimate child could be born in one day. Objects owned by this figure include a ladle that could hold two people, a cauldron that was one of the eponymous “Four Treasures” of their people, and a (\*) staff that could kill with one end and resurrect with the other. This figure had sex with a witch-goddess the night before a battle in exchange for a strategy, and later died after being wounded in that battle by Cethlenn [KAY-len]. For 10 points, name this figure in Irish mythology, the husband of the Morrigan and leader of the Tuatha Dé Danann. (TOO-uh-huh day DAN-uhn)**

ANSWER: The Dagda [accept An Dagda]

<EL>

7. **Models of a process named for this scientist were independently developed by Lifschitz and Slyozov and Wagner who showed that in a solid or a liquid sol, small particles dissolve and recrystallize on larger models; that phenomenon responsible for the louche of pastis and ouzo is this scientist’s namesake (\*) ripening. Otto Folin developed this scientist’s model for a pipette used to measure viscous fluids. The least stable polymorph will be the first to crystalize by this man’s step rule. A platinum-rhodium catalyst is used in the first step of his namesake reaction for producing nitric acid. The coiner of the term mole, for 10 points, name this Riga-born German founder of physical chemistry.**

ANSWER: Wilhelm Ostwald

<DJ>

8. **Ronan O’Rahilly was initially inspired to create Radio Caroline in order to secure airtime for an artist with this stage name. This is the surname of the only UK artist whose only 3 top 10 hits were number ones; those hits included ‘Yeh, Yeh’ and ‘Get Away’. A fragrance with this name was marketed as “The first ever black eau de parfum”, and was released by (\*) Lady Gaga. An artist with this surname, who played alongside the Blue Flames, shares this name with a TV series with a theme song by Erica Gimpel, who played the role of Coco Hernandez, a role played in the film of the same name by Irene Cara. For 10 points, give this name shared by ‘Ballad of Bonnie and Clyde’ singer Georgie and a TV show set at a New York Performing Arts High School.**

ANSWER: **Fame** [accept **Georgie Fame** and the Blue Flames or **Lady Gaga Fame**]

<DJ>

9. **Ernest Guiraud published the second of these works four years after its composer’s death and added a second movement intermezzo taken from an earlier opera by the same composer - that movement features a prominent *allegro moderato* alto saxophone melody. Horns play an accented G-sharp, E, F-sharp ostinato in one movement of these compositions to imitate the pealing of church bells - that movement is titled *Carillon*. The *Prélude* from the first of these compositions quotes the epiphany carol (\*) *March of the Kings*, as does the *Farandole* that concludes the second. Composed as incidental music for an Alphonse Daudet play but often heard as two suites, for 10 points, name these works by Bizet.**

ANSWER: **L’Arlésienne** suites [or **The Girl from Arlés**]

<GC>

10. **One song by this group lists “A bag of trash, a shoelace, a Rubik’s Cube, and a flashlight” among the eponymous “Things in my Jeep”, and another contains a verse consisting entirely of catchphrases in “Turn up the Beef”. One work by this group reveals that wolf attacks are the actual reason for Seal’s lupus scars. Sterling K. Brown plays Sia in one video by this group, in which “silk robes and kimonos” typify the eponymous ‘Oakland Nights’. The creators of (\*) *Popstar: Never Stop Never Stopping* and *The Unauthorized Bash Brothers Experience*, this group had viral success with a song where Michael Bolton is obsessed with the title pirate. For 10 points, name this comedy music group of Jorma Taccone, Akiva Schaffer and Andy Samberg, with hits such as ‘Jack Sparrow’ and ‘I’m on a Boat’.**

ANSWER: The **Lonely Island** [accept **The Style Boyz**, **Kid Brain**, or **Conner4Real** before ‘Sterling’, accept **Schaffer, Taccone, and Samberg** (in any order) before ‘Jorma’, prompt on any of their names alone before said]

<EL>

11. **In most works featuring this area, it can be found on South Island, a mysterious island that supposedly shifts location. In an inversion of its most common role, in one game a special version of this area is only accessible after obtaining all 180 available emblems, including the ones associated with the otherwise completely unnecessary Chao Race and Chao Karate. (\*) Emerald, Mushroom, Seaside, and Windy all replace the adjective in the name of this area in several places that serve a similar purpose in other games in the same franchise. For 10 points, name this area: in its earliest appearance, Marble Zone awaits players who complete all three acts of this iconic first zone in *Sonic the Hedgehog*.**

ANSWER: **Green Hill** Zone (accept **Green Hills** Zone before the end, if for some reason the player's only experience with this level is the 8-bit version of *Sonic the Hedgehog 2*)

<BB>

12. *NOTE TO PLAYERS: Descriptive answer acceptable.*

**The prayers of Father José Manuel Subirana for the poor were said to have caused an example of this phenomenon, which is celebrated annually at a festival in Yoro in Honduras. One supposed instance of this phenomenon in 2009 in Ishikawa was found instead to have been caused by vomiting herons. Francis de Castelnau argued that a supposed instance of this phenomenon in Singapore was in fact due to the natural movements of *Clarias batrachus*. The theory that these events are caused by (\*) waterspouts has been contested because of the lack of diversity in species involved. For 10 points, the actual etymology of an English phrase for torrential rain suggests it wasn't in fact inspired by an example of which unusual weather phenomenon?**

ANSWER: **raining animals** (description acceptable; accept **raining frogs** or **raining fish**)

<DJ>

**13. While living in Bruges, this man achieved his first employment through his mother's connections with the Freeling family. Many of this man's racial views were developed on a journey he catalogued in his *The West Indies and the Spanish Main*. This man's education was funded in part by his mother's publication of the polemic *The Domestic Manners of the Americans*. This Liberal was defeated in a corrupt election in Beverley in the 1868 General Election. This man reversed a decision of Rowland Hill in publishing a report which led to the end of the (\*) S and NE postcode areas. When in St. Helier in 1852, he erected the first roadside letter box. For 10 points, name this English postal reformer whose political life informed his novels like *The Way We Live Now*, *The Prime Minister*, and *Barchester Towers*.**

ANSWER: Anthony **Trollope**

<DJ>

**14. In one scene in this film, a character is forced to clarify that the eye on their toy panda fell off long before they began using it as a masturbation aid. This film's protagonists are surprised when their taxi driver turns out to be Jordan Brown, and later begin to panic that they have turned into dolls while feeling the effects of bad strawberries at George's murder mystery (\*) party. After catching Ryan with Nick in the pool, one of this film's protagonists uses "codeword Malala" to try to get her best friend to leave with her. At the end of this film, Hope finally gives Amy her number as Molly prepares to leave for Botswana, having kissed Jared at high school graduation. For 10 points, name this film by Olivia Wilde, starring Kaitlyn Dever and Beanie Feldstein as two nerdy girls on a messy night out.**

ANSWER: **Booksmart**

<EW>

**15. A 1986 book by Richard Ashcraft discusses a work titled for this concept in the context of revolutionary politics. A work titled for this concept states that "Who Heir?" is "The great question which in all ages has disturbed mankind". In a work titled for this concept, the fourth and sixteenth chapters seem to argue in favour of slavery and conquerors' rights respectively. That work discusses property rights through a comparison to a man**

**collecting (\*)** apples or acorns. One work titled for this concept is a sentence-by-sentence refutation of Robert Filmer's *Patriarcha*, and proposes that a "state of war" can arise from disputes in the state of nature. For 10 points, name this concept, the subject of two treatises written by John Locke.

ANSWER: **Government** [accept *Two Treatises of Government* or either specific *Treatise of Government*]

<AH>

**16. These things title the first part of a poem in which the speaker "dies seven times, in seven ways"; that poem is *The Death Baby* by Anne Sexton. These things partly title a poem about sailing down the Hudson River by Robert Lowell. In a collection partly named for these things, a woman "fills her compact and delicious body / with Chicken Paprika". This is the first noun in the title of a collection which features a poem in which its author concludes that they have (\*) "no inner resources" because they are "heavy bored". That cycle of poems features a character, referred to as "Mr. Bones", but whose real name is Henry, who resembles its author John Berryman. For 10 points, in a poem titled for what sort of occurrence does Edgar Allen Poe describe his "visions of the dark night?"**

ANSWER: **Dreams**

<MB>

**17. This work's central character celebrated his 39th birthday "at the wine house", and sold seventeen copies of his latest work in the last year. This work's setting is only described as a "Late evening in the future". This work's eponymous character briefly interrupts the narrative to look up the word 'viduity' after hearing his younger self say it, and this work's title (\*) record "for posterity" only contains the observation "Revelled in the word *spool*." This work's protagonist suffers from lifelong bowel problems, probably connected to the several bananas he eats over the course of this work. For 10 points, name this 1958 one-act play by Samuel Beckett, consisting of a monologue by the eponymous old man while he goes through his old audio diaries.**

ANSWER: **Krapp's Last Tape**

<EL>

**18. The eponymous character of one film from this country is forced to cover up the death of a friend by Constable Farrell, and later kills Mrs Newby and Miss Graf with his uncle Tabidgi. Other films produced by this country see an unnamed boy perform a mating dance after lying in a pile of water buffalo bones and Billy Kwan thrown from a window by hotel security after hanging a banner criticising (\*) Sukarno. In another film from the home of *The Chant of Jimmie Blacksmith*, Marion Quade, Miranda St. Clare, and Miss McGraw disappear on Valentine's Day during the eponymous school trip. For 10 points, name this country, whose eponymous 'New Wave' of the 1970s and 80s included such films as *The Year of Living Dangerously*, *Picnic at Hanging Rock*, and *Walkabout*.**

ANSWER: Commonwealth of **Australia**

<EL>

**19. In one work by this author, Princess Amasidia of Tanis falls in love with Nebuchadnezzar after buying him from the Witch of Endor in the form of the title animal.**

**In another work by this author, the eponymous character is imprisoned under suspicion of being a Jansenist, and his birth name is (\*) 'Child of Nature'.** One science-fiction book by this author sees Demogorgon create the Earth, only to be ridiculed by the other gods, while another follows the eponymous Sirian as he travels to Earth to discuss philosophy. The most famous work by this author begins in the castle of Thunder-ten-tronckh, and ends with a resolution "to tend one's garden." For 10 points, name this French author of *The White Bull* and *Micromégas*, who criticised "the best of all possible worlds" in *Candide*.

ANSWER: **Voltaire** [accept François-Marie **Arouet**]

<EL>

**20. The order of semiaquatic diapsid reptiles *Choristodera* went extinct during this period, which was named in 1853 by Moritz Hörnes. The Chile Triple Junction formed during this period, which also saw the Great American Interchange occur as a result of the formation of the Isthmus of Panama. The Zanclean flood ended the Messinian salinity crisis during this period, which saw the (\*) Mediterranean dry up.** This period ran from around 23 to 2.6 million years ago, and is subdivided into the Miocene and Pliocene epochs. For 10 points, name this geologic period, the second of the Cenozoic epoch, after the Palaeogene and before the Quaternary, whose name begins with a Greek prefix meaning 'new'.

ANSWER: **Neogene** period [prompt on Cenozoic before 'period' is read; antiprompt on Miocene before 'period' is read]

<MB>

### Bonuses

1. In one episode of the webcomic *Saturday Morning Breakfast Cereal* a student rejects the spirit of this scientist, who has appeared to help with their physics homework, only for the ghost of Feynman to appear instead to ask for help with the student's "hot sister". For 10 points each: [10] Name this American physicist and electrical engineer, the only person to have won the Nobel Prize in Physics twice.

ANSWER: John **Bardeen**

[10] Bardeen's first Nobel Prize was shared with William Shockley and Walter Brattain for work developing these electrical devices, which can be used to amplify or switch electronic currents and are ubiquitous in modern electronic devices.

ANSWER: **transistors**

[10] Bardeen received his second Nobel Prize for a theory of superconductivity based on the condensation of these pairs of electrons, named for one of Bardeen's collaborators, into a boson-like state.

ANSWER: **Cooper** pairs [or **BCS** pairs]

<JE>

2. Advice given by this person includes thanking your clothes for the service they do for you every day, and folding everything individually, even socks. For 10 points each:

[10] Name this Japanese organisation guru who popularised the notion that possessions should “spark joy” in the international bestseller *The Life Changing Magic of Tidying Up*.

ANSWER: Marie **Kondo**

[10] The KonMari method is an expression of this wider Japanese philosophy of physical and emotional decluttering. Its name derives from the kanji for refuse, dispose and separate.

ANSWER: **danshari**

[10] Another advocate of danshari is the radical minimalist Fumio Sasaki, who argues in *Goodbye, Things* that one of these mats used as units of floor space in Japan is all one person needs to live and sleep.

ANSWER: **tatami**

<EW>

3. Roger Sperry removed the eyes from these model organisms before rotating them 180° and reimplanting them. That their visual fields were inverted led him to form his chemoaffinity hypothesis. For 10 points each:

[10] Name this popular model organism in developmental biology owing to its large embryos. Besides *Triturus*, Spemann and Mangold experimented principally with this organism.

ANSWER: **Xenopus laevis** [accept African clawed **frog** or indeed just **Xenopus**]

[10] The Spemann-Mangold organiser in *Xenopus* is responsible for setting up the dorso-ventral and antero-posterior axes in an embryo during this process, in which a blastula differentiates into ectoderm, mesoderm and endoderm.

ANSWER: **Gastrulation**

[10] On injecting the urine of a woman into an adult female *Xenopus*, the presence of beta-HCG in the sample would induce ovulation, thus making *Xenopus* an early and widely used test for this physiological state.

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

<GC>

4. This work distinguishes between the “healthy-minded” and those with a “sick soul”, and contains sections about The Divided Self and The Reality of the Unseen. For 10 points each:

[10] Name this work which compiles the Gifford lectures from 1901-1902 into a single volume. It defines its title phenomena as transient, passive, noetic and ineffable.

ANSWER: *The **Varieties of Religious Experience**: A Study in Human Nature*

[10] *The Varieties of Religious Experience* is a work by this American author of *Pragmatism*, who also published *The Principles of Psychology* and *Essays in Radical Empiricism*.

ANSWER: William **James**

[10] As James saw it, “healthy-minded” religion should teach “the goodness of life”, and he described this religious leader and student of Phineas Quimby as heading an effective “mind-cure movement”.

ANSWER: Mary **Baker Eddy** [prompt on partial]

<EW>

5. Glenn Gould stated that this musician’s recording of the 4th Brandenburg Concerto was “the finest performance of the Brandenburgs ... I’ve ever heard.” For 10 points each:

[10] Name this composer and musician whose album *Switched on Bach* became the second classical music album in US Billboard history to pass one million sales.

ANSWER: Wendy **Carlos**

[10] *Switched on Bach* is credited with popularising the music of this instrument, on which Carlos reworked pieces such as *Jesu, Joy of Man's Desiring*.

ANSWER: Moog **Synthesiser** [antiprompt on 'Moog' (MOAG) alone]

[10] Another composer who notably made use of the synthesiser in their works was this Egyptian pioneer of "Musique concrète" whose works include *Leilya and the Poet*.

ANSWER: Halim **El-Dabh**

<GC>

6. These people occupy a reservation in their traditional sacred homeland of Dinetah. For 10 points each:

[10] Name this people, whom the US army forced into an 1864 Long Walk into internment as a form of attempted ethnic cleansing. This people refer to that period as the Fearing Time.

ANSWER: **Navajo** [na-vuh-HOE]

[10] In this 1940s war, Navajo "code talkers" relayed radio messages for the US in their language, which the Japanese couldn't decode.

ANSWER: **World War Two** [or **Second World War**]

[10] Since the 1940s, the Navajo have suffered high rates of death and illness from mining this substance, despite a lack of adequate protection or compensation from the US government.

ANSWER: **uranium**

<AH>

7. For 10 points each, answer the following on dramatic symbolism which quite literally uses flowery writing:

[10] This fragrant flower is frequently used as a metaphor in Shakespearean drama, such as when Juliet asks Romeo if it would "smell as sweet" if called "by any other name".

ANSWER: **rose(s)**

[10] In this play by Rabindranath Tagore, Nandini's lover Ranjan dies holding the title flowers, having struggled against a mining operation in the totalitarian town of Yakshapuri.

ANSWER: **Red Oleanders** [or **Raktakarabi**]

[10] This author's radio play *A Scourge of Hyacinths* is a commentary on the military regime of their native country. Their other radio plays include *The Detainee* and *Document of Identity*.

ANSWER: Wole **Soyinka**

<AH>

8. This figure has been described by Stephen Fry as "a sanctimonious prick of only parochial significance" and by Martin Seymour-Smith as "fanatical and rancid". For 10 points each:

[10] Arguably the most influential British literary critic prior to the theory boom was this Cambridge academic who wrote *New Bearings in English Poetry* and *The Great Tradition*.

ANSWER: F(rank) R(aymond) **Leavis**

[10] Leavis was a long-time admirer of this poet's criticism, which argued for "impersonality" and "dissociation of sensibility" as seen in his works "Four Quartets" and "The Waste Land".

ANSWER: Thomas Stearns **Eliot**

[10] Leavis published his takes regularly in this quarterly periodical founded with L.C. Knights, pushing the Cambridge school of criticism and attacking dilettantes like the Bloomsbury Group.

ANSWER: **Scrutiny**

<EW>

9. This design was originally developed in 1569 for use in nautical navigation, due to it showing rhumb lines, or lines of constant course, as straight line segments. For 10 points each:

[10] Name this common map projection, named for the Flemish cartographer who developed it. It distorts areas as it gets closer to the poles, so Greenland looks bigger than Australia.

ANSWER: **Mercator** projection

[10] A portrait-oriented map named for this French astronomer gets Greenland right, as it maintains areas close to the prime meridian, but makes South America diamond-shaped.

ANSWER: César-François **Cassini** de Thury

[10] Accurate for areas, but at the cost of making the world into a bunch of triangles, the Dymaxion projection maps the Earth onto a cuboctahedron, and was invented by this American inventor.

ANSWER: (Richard) Buckminster **Fuller**

<EL>

10. Despite the lifelong virginity of St. Aethelthryth, her name is the ultimate origin of the word 'tawdry'. For 10 points each:

[10] Aethelthryth, a daughter of King Anna of East Anglia, was presented with this "Isle" in Cambridgeshire as a dowry present by husband Tondbert. Bede reports that that this Isle took its name from the abundance of slippery fish found in the fens there.

ANSWER: **Ely**

[10] Aethelthryth evaded the desire of her second husband Ecgrith to consummate their marriage, with the aid of a miraculous tide. Ecgrith, son of Oswiu, ruled this kingdom, whose sections were known as Deira and Bernicia.

ANSWER: **Northumbria**

[10] Aethelthryth was later known as St. Audrey, and the word 'tawdry' came from the poor quality goods of this material sold at her shrine. This material was famously produced in Honiton and Bedfordshire.

ANSWER: **lace**

<DJ>

11. This artwork shows a gazelle being hunted by the river Jordan, by a lion that got mangled by the addition of random tesserae during an iconoclasm. For 10 points each:

[10] Name this floor mosaic in Saint George's church in Jordan, which is the oldest surviving cartographic depiction of the Holy Land and the oldest geographic mosaic full stop.

ANSWER: **Madaba Map**

[10] Another important mosaic near Madaba is the wine-themed floor of the baptistry in the church on Mount Nebo, where this figure sighted the Promised Land after 40 years in the desert.

ANSWER: **Moses**

[10] The centrepiece of Madaba Archaeological Park is a mosaic depicting this Greek, whose chariot was attacked by Poseidon after he scorned Cypris and rejected his stepmother's advances.

ANSWER: **Hippolytus**

<EW>

12. This economist's most recent book applies game theory to the problem of *Understanding Institutional Diversity*. For 10 points each:

[10] Name this economist, whose namesake law states that a resource arrangement that works in practice can work in theory. Garth Owen-Smith's work on the resource problem of elephants in Namibia drew on this person's work.

ANSWER: Elinor **Ostrom** [accept **Ostrom's Law**]

[10] Ostrom is best known for her work on this thing, defined as the cultural and natural resources accessible to all a society's members. A theory of this thing's failure is known as its "tragedy".

ANSWER: the **commons**

[10] This ecologist's 1968 paper exposed the "tragedy of the commons". They are known for their First Law of Human Ecology, suggesting that intrusion into nature has unpredictable effects.

ANSWER: Garrett James **Hardin**

<AH>

13. One of this artist's paintings is said to have originated the myth that St Bernard dogs in the Alps wear little barrels of brandy on their collars. For 10 points each:

[10] Name this English painter of animal-centric scenes like *Off to the Rescue*, *Laying Down the Law*, *The Hunting of Chevy Chase* and *The Monarch of the Glen*.

ANSWER: Sir Edwin Henry **Landseer**

[10] As well as dogs and stags, Landseer was fond of painting these animals. George Stubbs painted a chestnut-coloured one of these animals named Whistlejacket rearing on its hind legs.

ANSWER: **horses**

[10] In this dark later work by Landseer, two polar bears roam the wreckage of the Franklin Arctic expedition. It hangs at Royal Holloway, where students cover it with a Union Jack during exams due to the belief it is haunted.

ANSWER: **Man Proposes, God Disposes**

<EW>

14. In July, Jaboukie Young-White was suspended from Twitter for allegedly "confirming" that this film's title characters would have barbed penises. For 10 points each:

[10] Name this upcoming CGI and live action movie, an adaptation of an Andrew Lloyd-Webber musical based on a poetry collection by T.S. Eliot about "Jellicles".

ANSWER: **Cats**

[10] The film features a chaotic all-star cast including James Corden, Judi Dench, Taylor Swift, Jason Derulo and this coach on *The Voice UK*, who performs "Memory" as Grizabella in the trailer.

ANSWER: Jennifer **Hudson**

[10] The film also marks the cinematic debut of multiple dancers from the Royal Ballet, including Frankie Hayward as the White Cat and Steven McRae as this cat obsessed with trains.

ANSWER: **Skimbleshanks**

<EW>

15. One of these groups believes in coming idyllic periods known as the 'Time of Companies' and the 'Time of Government'. For 10 points each:

[10] Name these religious groups such as Pomio Kivung, several of which have arisen in Melanesia as a result of Western colonialism, and which revere Western trade goods as divine.

ANSWER: **Cargo cults**

[10] One notable cargo cult on the island of Tanna in Vanuatu revere this mythological American serviceman, prophesied to return on February 15, and build symbolic airfields for him to land at.

ANSWER: **John Frum** [accept **John From** or **John Brum**]

[10] Another cargo cult on Tanna revere this real-life figure, seen as the incarnation of a mountain spirit. This man sent several photos to the cult, and received a ceremonial pig-killing club in return.

ANSWER: **Prince Philip, Duke of Edinburgh** [accept either underlined part]

<EL>

16. Late in their life, this character develops Alzheimer's like their father Povel, an artist who painted the same landscape over 7,000 times. For 10 points each:

[10] Name this opera-loving policeman, who balances his work investigating crimes with Anne-Britt, Kalle and Magnus alongside a rocky relationship with his daughter Linda.

ANSWER: Kurt **Wallander**

[10] The Wallander books were fundamental in the Scandi-noir fiction boom, as was Stieg Larsson's Millennium trilogy, which begins with this title referring to Lisbeth Salander.

ANSWER: ***The Girl with the Dragon Tattoo***

[10] Another iconic noir saga in Sweden is the series about this detective written by Maj Sjöwall and Per Wahlöö. This man's story begins in *Roseanna* and concludes in *The Terrorists*.

ANSWER: Martin **Beck**

<EW>

17. The social status metric in this game might enable your rank to rise from shopkeeper through travelling merchant to Alderman. For 10 points each:

[10] Name this series of economy-simulation games by Ascaron. In this computer game, players make money by building up their fleet and trading in cities across the Hanseatic League.

ANSWER: **Patrician** [accept any specific games within the **Patrician** series]

[10] At the start of the game, players have a small amount of money and two ships docked in this North German city, often considered the capital of the Hanseatic League.

ANSWER: **Luebeck**

[10] You can make a quick profit by buying this metal in "pig" form in Oslo and selling it in Luebeck. Helpfully, this metal's "wrought" form can then be bought in Luebeck and sold in Oslo.

ANSWER: **iron**

<AH>

18. Comics published under the Young Animal imprint include *Mother Panic*, *Eternity Girl*, and *Cave Carson Has a Cybernetic Eye*. For 10 points each:

[10] Young Animal is a 2016-founded 'pop-up' imprint consisting of limited series released by this comics publisher, the home of heroes such as Superman and Batman, and one half of the 'Big Two'.

ANSWER: **DC Comics** [accept **Detective Comics**]

[10] Young Animal is curated by and developed in collaboration with this musician and writer, formerly frontman of My Chemical Romance, whose own comics include *The Umbrella Academy*.  
ANSWER: Gerard **Way**

[10] Coming this summer, Young Animal's newest series is *Far Sector*, an adaptation of existing DC properties by this sci-fi author of the Broken Earth and Inheritance trilogies.

ANSWER: Nora K. **Jemisin** [accept "**N.K. Jemisin**"]

<EL>

19. How much do you know about the industrial applications of lithium compounds? For 10 points each:

[10] Lithium carbonate is primarily used in medicine as a treatment for mood disorders. It is most commonly prescribed for this disorder, typified by alternating periods of mania and low mood.

ANSWER: **Bipolar** disorder [prompt on manic depression, accept **BD** but DO NOT accept or prompt on 'BPD']

[10] Lithium chloride and lithium bromide are hygroscopic, leading to them being used to perform this process on gas streams in industrial settings.

ANSWER: **desiccation** [accept word forms, prompt on drying]

[10] The most common fusion fuel in thermonuclear weapons is the deuteride of this least-common naturally-occurring isotope of lithium.

ANSWER: lithium-**6**

<EL>

20. Got my first real Shishkin, was the summer of 69. For 10 points each:

[10] The art of Russia's 'Wanderer' painters like Shishkin helped to depict many of those who had been freed from this status of indentured labour by an edict of Alexander II.

ANSWER: **serfdom**

[10] A key part of the movement was painting *en plein air*. Shishkin's most famous painting of bears in *Morning in a Pine Forest* was painted near this Baltic city, where Charles XII of Sweden won a decisive victory in 1700, reversed by Peter the Great in 1704.

ANSWER: **Narva**

[10] Shishkin studied art in this provincial city, once the centre of an independent Tartar Khanate. This city's imposing Kremlin was captured and the city sacked during the Pugachev Rebellion.

ANSWER: **Kazan**

<D]>

### Tiebreaker

**In traditional English cadency, this emblem denotes a seventh son of nobility or a third child of royalty, and is used on the arms of Prince Edward. Nine white examples of this emblem surround a golden lion on a red field in one national coat of arms, and may represent the nine historical provinces of Finland. One eponymous example of this emblem bears a heart and crucifix at its centre, and represents "joy, comfort, and peace", in the words of Martin (\*) Luther. A 'double' example of this emblem appears on the Winchester Round Table, following its repainting under Henry VIII. For 10 points, name this**

heraldic emblem, white and red examples of which were unified from the arms of York and Lancaster following their eponymous 'Wars'.

ANSWER: **roses** [accept **double rose**, **Tudor rose**, **Luther rose**, **white rose** or **red rose**]

<EL>