

MKVLTRA: Tamashi Gunkan

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Packet 8: Less Work More Wine

Tossups

1. This character's love interest accuses him of being responsible for a bruise she found on another character's neck during a church service. In an attempt to prevent this character from being attacked, the apothecary Ned Keene leads the patrons of the Boar Inn in singing a round. This character had earlier mused to himself on the night sky singing (*) "Now the Great Bear and Pleiades". This character first appears when defending himself at an inquest regarding the mysterious disappearance of his first apprentice. After this character's second apprentice, John, falls down a cliff and perishes, Captain Balstrode and Ellen Orford encourage this character to sail his boat out to sea and sink it, which he duly does. For 10 points, name the title antihero fisherman of Benjamin Britten's breakout opera.

ANSWER: **Peter Grimes** [prompt on partial]

<GC>

2. A group of red-coloured rocks on the side of The Minch strait provides evidence of one of these things. One of these things in Saaremaa, Estonia was walled up in the Iron Age and used as a sacred site for animal sacrifice until the 1600s. In June 2019, it was argued that one of these things can be found 15km off the coast of Scotland. The town of Noerdlingen [NERD-lin-gen] in Germany was entirely built in one of these. Unexpectedly, there is not one of these sites at the location of the (*) Tunguska Event. One of these sites at Chicxulub ["chick"-SHU-loob] in Mexico is believed to provide evidence of the dinosaurs' extinction. For 10 points, name these geographical sites created when rocks from space hit the Earth.

ANSWER: **impact craters** [or **meteor(ite) craters**; accept description equivalent to **craters** caused by something **hitting the Earth**; prompt on just **craters** with "caused by what kind of event?"]

<AH>

3. Klaus Fleming put down a peasant revolt in this region known as the Cudgel revolt, having forced the rebellion's leader to flee a castle through a toilet. This country's naval conquest was completed at the Battle of Gangut, which ended the Greater Wrath period. Lalli killed the English Bishop Henry, who had tried to Christianise this region alongside King Eric IX. The Bible was translated into a local language in this region by (*) Mikael Agricola. The majority of this territory was ceded by the Treaty of Fredrikshamn where it was united with Nyland and Karelia to form a Grand Duchy under Russian political control. For 10 points, name this region, ruled by the Kingdom of Sweden from the 14th century until 1809.

ANSWER: **Finland**

<DJ>

4. An equation named for this scientist and an Asian scientist describes how ionization of gases in stars varies with temperature and pressure. Single layers of a substrate can be

placed on a solid substrate using a trough named for this scientist and his assistant Katherine Blodgett. A generalisation of the octet rule used to construct Lewis dot diagrams is this scientist's 18-electron rule. That each site can only accommodate one molecule of adsorbate in one of the assumptions of this scientist's namesake adsorption isotherm. For 10 points, name this winner of the 1932 Nobel Prize in Chemistry, the namesake of a probe used to measure the electron density, electron temperature and electrical potential of a plasma.

ANSWER: Irving Langmuir

<DJ>

5. Flanking a gene of interest with Lox sequences and then using Cre-recombinase allows site specific gene modification and was pioneered in this model organism. BALB/c and C57BL/6 are the two dominant strains of this organism used in research. Examples of this model organism lacking the RAG1 or RAG2 gene have largely superseded those lacking the FOXP1 gene in modelling immunodeficiency. That athymic variant had a characteristic (*) "nude" appearance. These model organisms were the first used to create hybridomas in the production of monoclonal antibodies. The use of gene "knock-outs" were pioneered in this organism by Capecchi, Evans and Smithies. After humans, this was the second mammal to have their genome sequenced. For 10 points, identify this model organism, a rodent smaller than a rat.

ANSWER: Mouse [or Mus musculus]

<GC>

6. This figure is the child of the androgynous twin deity Nagoob, and the Ponape Scripture identifies their wife as Idh-yaa. Some sources identify this figure as a water elemental in an eternal war with his half-brother. Notes about this figure were recovered by Francis Wayland Thurston, and end with this figure's head bursting after being rammed by the Alert. In one work by (*) Abdul Alhazred, this figure is described as "That...which can eternal lie", and in another work, this figure is described as having a "cuttlefish head, dragon body, [and] scaly wings". For 10 points, name this Great Old One who "lies dreaming" in the underwater city of R'lyeh, first introduced in a work titled for "The Call of" this figure, by H.P. Lovecraft.

ANSWER: Cthulhu [accept Kutulu, Katulu or Tulu, accept Ph'nglui mglw'nafh Cthulhu R'lyeh wgah'nagl fhtagn, but remind players we have a schedule to keep to]

<EL>

7. In one story in this collection, a wart on the index finger of a severed hand makes a young girl realise that she has unknowingly hacked at her own grandmother. That story in this collection precedes another in which the protagonist strips for a hairy lice-ridden man who used a compass to beat her through the woods; those stories form part of this collection's lupine trilogy which ends in (*) "Wolf-Alice". Another story in this collection sees a girl use her hair to strangle the Erl-King, while in the title story of this collection, a choker of rubies is gifted to a French pianist by her new husband, a marquis who keeps the corpses of his ex-wives in the title room, as in the Bluebeard myth. For 10 points, name this collection of feminist fairy-tale retellings by Angela Carter.

ANSWER: *The* Bloody Chamber

<EW>

8. **An Andrea Gibson poem about this event describes it as “When this world, drunk/on hate, decides blood/is wine”, and a Sia music video inspired by this event sees Maddie Ziegler let 48 people out of a cage. This event saw the first use of Facebook’s Safety Check functionality in America, and a charity initiative set up by Buddy Dyer in the aftermath of this event received million-dollar donations from (*) Universal Studios and Disney. A telephone call made during this event claimed that this event was triggered by the killing of Abu Waheeb, and pledged allegiance to ISIS. The deadliest incident of violence against LGBT+ people in American history, for 10 points, name this 2016 terrorist attack, in which Omar Mateen killed 49 people in the eponymous Orlando gay club.**

ANSWER: **Pulse** nightclub shooting [accept **Pulse massacre** or other clear alternatives, accept **Orlando** nightclub shooting or alternatives before ‘Orlando’]

<EL>

9. **In Australian Aboriginal mythology, a deity of this domain has three venomous snakes he calls ‘dogs’, and is named Bahloo. In Sumerian mythology, a deity of this domain is conceived by Enlil and Ninlil on a riverbank, and his children by Ningal were Utu and Inanna. An Inca goddess of this domain hugged a fox that fell in love with her, leaving her with dark patches, and was the mother of Manco Capac by Inti. The kami of this domain was born when Izanagi washed his (*) right eye, and he killed Uke Mochi out of disgust, alienating his sister, and Coyolxauhqui [coil-SHAO-key] became a goddess of this domain when Huitzilopochtli threw her head into the sky. For 10 points, name this domain of deities like Nanna, Tsukuyomi, and Selene.**

ANSWER: The **Moon** [accept **lunar** deities, prompt on ‘Nanna’ or ‘Tsukuyomi’ until said]

<EL>

10. **A 2008 translation of this book into Dutch by Kader Abdolah added a chapter in which the central character dies. This book’s influence was charted in a 2014 “Biography” by Bruce Lawrence. Thomas Carlyle described this book as “wearisome confused jumble, crude, incondite” on reading a translation by George Sale. A notable translation of this book was made by Marmaduke Pickthall. (*) The Masnavi is often referred to as the Persian equivalent of this book. M. Mir described how this book completes the stories of Abraham, Adam and Lot, but does so only to illustrate thematic points apart from the story of Joseph in its 12th chapter. For 10 points, name this book in 114 chapters, the holy text of Islam.**

ANSWER: **Qur’an**

<DJ>

11. **In the original *Digimon World*, the Tsukaimon and J-Mojoyamon in Tropical Jungle use a technique called “Dynamite [this action]”, making it the first learnable Battle-type attack in most playthroughs. The earliest available Achievement in *Fable II* can be obtained by performing this action to (*) chickens while the protagonist is still a child. In the *Soul Calibur* series, the three basic attack buttons correspond to horizontal, vertical, and this action. Until Generation VII, a move called “Triple [this action]” was exclusive to a Pokémon partly named for a top, but the Pokémon most associated with this action replaces that part of its name with ‘Lee’. For 10 points, name this action - several buttons in *FIFA* make the player with the ball perform this action, in which the foot is used to hit something.**

ANSWER: kicking

<BB>

12. **Perfect and Vapor are server-side frameworks that can be used to make RESTful apps using this language, later versions of which specifically address problematic behaviours of C-language families by unsupporting common features such as the autoincrement and trapping integer overflows at run-time. In this language, a question-mark is placed after a variable type declaration to signify an (*) optional, which may return either a meaningful value or a null pointer. "Protocol-oriented programming" is encouraged by this language's primary development environment, called "Playgrounds". Objective-C has largely been replaced as the language of choice for developing macOS and iOS apps by — for 10 points — what general-purpose programming language released by Apple in 2014?**

ANSWER: Swift

<BB>

13. **The BBC Children's Hour nature broadcasts by the Reverend George Bramwell Evens were titled for these people, who were the subject of the 1977 Cripps Report. A museum named for Gordon Boswell displays "ledge", "brush", "Burton" and "Reading" examples of items used by these people, who developed "patrins" as natural signs for each other. In Wales, these people claim descent from Abram Wood, are known as (*) "Kale" and popularised marriage by "jumping the broomstick". One of these people, Damian Le Bas wrote a 2018 book aimed at non-members known as "gorjas", describing "vardos" and "atchin tans" like Appleby, where these people gather at an annual horse fair. For 10 points, name these nomadic people of Indo-Aryan descent.**

ANSWER: Romanichal people [accept Roma or Gypsies, prompt on 'travellers', though don't accept other ethnic groups of travellers e.g. Irish. Note to moderator, in case it arises - big G Gypsy is how many British Roma including Damian le Bas describe themselves.]

<EW>

14. *NOTE TO PLAYERS: Description acceptable.*

Gingko Financial, a bank within an economy of this type, lost \$750,000 after a collapse in land values in one of these types of economies. They aren't related to the Eurozone, but Yanis Varoufakis was employed to manage balance of payments issues between two economies with this characteristic in 2012; the value of (*) earbuds in one of those economies plummeted after item trading was deregulated. One common form of product in these economies was banned in Belgium in 2018, but deemed not to be a form of gambling in the UK: those products are loot boxes. For 10 points, name this form of economy, in which virtual currency may be used to purchase cosmetic skins within products like *World of Warcraft* and *FIFA*?

ANSWER: economies within video games [accept Second Life or Team Fortress 2, prompt on 'Valve' or 'virtual economy']

<FCM>

15. **A kingdom centred on this city established the rotationary tax system known as *bala* to extract wealth from cities such as Umma or Girsu. Princess Ennigaldi-Nanna is credited with creating the world's first museum at this site, which included a statue of this city's**

king Shulgi. A bearded bull head tops a lyre discovered at this site, where several figures of a (*) Ram in a Thicket were also discovered. The tomb of the high-ranking woman Pu-Abi was discovered at this site where Lapiz Lazuli was used to make the “war” and “peace” sides of its Royal Standard held in the British Museum. It was here that Max Mallowan first worked as an assistant to the chief archaeologist Leonard Wooley. For 10 points, name this Sumerian city, said in the Bible to be the birthplace of Abraham.

Answer: Ur [accept Urim or Uru]

<DJ>

16. One text on this concept features sections like ‘First You Die, And Then You Get Their Attention’, and is named for an *Outlaw* of this concept, and another calls for “the utopian dream of the hope for a monstrous world without” this concept. William Labov [la-BOHV] identified a linguistic ‘paradox’ of this concept, and an essay by Iris Marion Young postulated this concept as *Seriality*. One writer argues that this concept produces “fundamentally uninhabitable...ontological locales” in a work partially titled for this concept, and followed it with a work titled for (*) *Undoing* this concept. A major focus of academics like Kate Bornstein, Donna Haraway, and Judith Butler, for 10 points, give this concept, differentiated from ‘sex’ and often reductively divided solely into masculine and feminine.

ANSWER: gender [accept *Gender Outlaw: On Men, Women, and the Rest of Us*, *Gender as Seriality*, or *Gender Trouble*]

<EL>

17. A description of this place includes “Jim Crow... executing his world-renowned dance, in gingerbread.” A man in this place watches a tartan-clad organ grinder with a dancing monkey from an arched window. The author describes how “the only guest who is certain, at one time or another, to find his way into every human dwelling” visits at this place’s opening party. This building’s “whole visible exterior was ornamented with quaint figures, conceived in the grotesqueness of a (*) Gothic fancy”. This house “ponderously framed of oaken timber” was built over the site of the log-built hut of Matthew Maule after he was tried for Witchcraft at the instigation of Colonel Pyncheon. For 10 points, name this Salem Massachusetts house which titles a novel by Nathaniel Hawthorne.

ANSWER: The house from the *House of the Seven Gables*

<DJ>

18. One paper on approaches to these things muses on Walter De La Mare’s phrase “This tiny son of life” and uses the analogy of Mr. Gradgrind not calling a girl by a name to argue that the way some of them are handled is not a matter of their “interest”. A 1978 paper by Cora Diamond attacks a popular approach to the rights of this group using the example of the way that people relate to the dead. A Tom Reagan book argues against a popular (*) utilitarian approach to these things arguing that they share the property of being the “subject-of-a-life”. Richard Ryder coined a popular term for discrimination against these beings whose liberation was proposed in a 1975 book. For 10 points, Peter Singer has argued that discriminating against which beings is species-ist?

ANSWER: animals

<DJ>

19. This band's album *The Eternal Idol* was the first to feature vocalist Tony Martin, who went on to be the second longest serving frontman of this band. This band's album, *The Headless Cross*, features a guitar solo from Brian May on the track 'When Death Calls'. This band is credited as a major influence on stoner rock, and not just because their sole continuous member coughs after smoking a blunt on the opening of (*) 'Sweet Leaf', the first track on their third album, *Master of Reality*. That guitarist for this band credited his style to the loss of two fingertips on his right hand, leading him to tune down his electric guitar, and achieving his distinct heavy tone. For 10 points, name this pioneering Birmingham heavy metal band, originally consisting of Bill Ward, Geezer Butler, Tony Iommi, and Ozzy Osbourne.

ANSWER: **Black Sabbath** [reluctantly accept **Polka Tulk Blues Band**]

<JC>

20. A plate rests on one end of one of these objects gripped between the teeth in a series of portraits by Cheri Samba entitled "I love colour". Charles V picks up one of these objects in a painting by Pierre-Nolasque Bergeret. Two squalling Peacocks in Whistler's Peacock Room hold money and this object respectively. After "The Event", Chuck Close taped one of these objects to his (*) hand. Elisabeth Vigée Le Brun holds several of these objects in her *Self-Portrait with Straw Hat*. *Sumi* and *hake* are types of these objects used in Japan, while the Filbert and stipler are used in the west. For 10 points, Whistler was said to have attached what sort of object to a fishing pole so he could paint the ceiling of the Peacock Room?

ANSWER: paint **brush**

<DJ>

Bonuses

1. Analysis of the energy spectrum of a certain equation led to the supposition that in a vacuum all negative-energy states are filled. For 10 points each:

[10] Give this model of the vacuum, named after a British physicist, that posits that empty space is in fact a collection of negative-energy particles.

ANSWER: **Dirac sea** [prompt on partial answer]

[10] These antimatter particles, the counterparts of electrons, were originally thought of as "holes" in the Dirac sea.

ANSWER: **positrons**

[10] The Dirac sea model interprets each of these two operators as a negative-energy version of the other. The second quantisation formalism uses these operators, which generalise the ladder operators for the quantum harmonic oscillator. *Two answers required.*

ANSWER: **creation** and **annihilation** operators [prompt on partial answer]

<MB>

2. This person is the journalist in the title of Janet Malcolm's *The Journalist and The Murderer*, which explores this author's relationship with Jeffrey MacDonald. For 10 points each:

[10] Name this author of the non-fiction works *Fatal Vision* and *The Selling of the President 1968*. During the 1980s they taught creative writing at Bennington College in Vermont.

ANSWER: Joe **McGinniss**

[10] Among McGinniss' students at Bennington were a young Donna Tartt and this other author, who published *Less Than Zero* while still in college and later wrote *American Psycho*.

ANSWER: Bret Easton **Ellis**

[10] Ellis got a spot in McGinniss' class by submitting work in the style of this Californian essayist, whose novel *Play It As It Lays* inspired *Less Than Zero*. This author's daughter Quintana Roo was also at Bennington in the 80s.

ANSWER: Joan **Didion**

<EW>

3. The exploits of one member of this family have included rigging the phone vote to win *Celebrities Go Wild* in Connemara and having a fight with a cow in Kilgarvan. For 10 points each:

[10] Name this independent political dynasty from County Kerry, which has sent flat-cap wearing father Jackie and sons Danny and Michael to Leinster House as TDs.

ANSWER: **Healy-Rae** family

[10] The Healy-Raes have a complex relationship with this party in opposition in the Oireachtas [uh-rek-tuhss], swinging between clientelist support and screaming rows over speaking time.

ANSWER: **Fianna Fáil** (FOIL)

[10] When not taking on cattle 1v1, Michael Healy-Rae chairs the Dáil [daw] committee for Affairs of this body, which the newly-founded Irish Freedom Party campaigns for the country to copy Britain and leave.

ANSWER: **European Union** [accept **EU**]

<EW>

4. For your annual entry in 'MKULTRA Does Tenuous and Specific Bonus Links', have some bonuses on gender-flipped characters in recent TV adaptations of 80s films. For 10 points each:

[10] One protagonist of the *12 Monkeys* TV series is Emily Hampshire's Jennifer Goines, while in the film, male business heir and mental patient Jeffrey Goines is played by this actor.

ANSWER: Brad **Pitt**

[10] In this 2018 series, Brendan Scannell plays a genderqueer version of the member of the eponymous group originally played by Shannen Doherty in the 1988 film of the same name.

ANSWER: **Heathers**

[10] Gender-flipped characters in this NBC series include blogger Fredricka Lounds and psychology professor Alana Bloom, who works with both Will Graham and the eponymous serial killer.

ANSWER: **Hannibal**

<EL>

5. The middle third of this work diverts from discussing its nominal subject to analysing Sophocles' *Antigone*, in which it translates 'deinon' as 'das Unheimliche'. For 10 points each:

[10] Name this 1942 lecture series, which uses close analysis of its eponymous text to discuss political theory and criticise a metaphysical interpretation of art.

ANSWER: **Hölderlin's Hymn "The Ister"** [prompt on partial, accept **Hölderlins Hymne »Der Ister«**]

[10] Hölderlin's Hymn "The Ister" was written and delivered at the University of Freiburg by this philosopher, who examined the concept of *Dasein* (DA-zain) in *Being and Time*.

ANSWER: Martin **Heidegger**

[10] Heidegger argues that analytical thought about space and time is inherently technological, reflecting his view of technology as typifying this way of being, often translated as 'Enframing'.

ANSWER: *Das* **Gestell**

<EL>

6. The oldest working one of these machines is located in the Dutch town of Franeker and is powered by a pendulum clock. For 10 points each:

[10] Name these machines. More modern versions of these machines tend to use a projection screen rather than physical models, and are named after Max Adler in Chicago and Galileo Galilei in Buenos Aires.

ANSWER: **planetariums** [or **planetaria**; accept **orrery** or **orreries**; accept phrasing equivalent to a **model** of our **Solar System**]

[10] The world's largest permanent scale model of our Solar System is located in this country. Saturn is located in Celsius Square in Uppsala, but all the inner planets can be found somewhere around Stockholm.

ANSWER: **Sweden**

[10] Back in the virtual world, the biggest planetarium in the world is located in this Japanese city, in the commercial district of Sakae. This is the largest city in the Chūbu region.

ANSWER: **Nagoya**

<AH>

7. The name for this genre of music may have originated from a colloquial French phrase translated as 'The beans aren't salty', or from West African words for music. For 10 points each:

[10] Name this style of music, originating in French Creole-speaking communities and typified by the use of the accordion and washboard or *frottoir*, often worn as a vest.

ANSWER: **Zydeco** [accept **zarico** or **zodico**]

[10] The vest frottoir was originally designed by this 'King of Zydeco' or 'King of the Bayou', who won a Grammy in 1982 for the seminal zydeco album *I'm Here*.

ANSWER: Clifton **Chenier** [shuh-NEER]

[10] Zydeco is closely related to Cajun music, which makes greater use of the fiddle, as both originated in the Bayou communities of this southern US state.

ANSWER: **Louisiana**

<EL>

8. This class of jellyfish has often been referred to as the "world's deadliest creature". For 10 points each:

[10] Name this class of jellyfish, which (like the crown jellyfish) has an unusually developed nervous system including a nerve ring. This allows it to actively hunt prey rather than drifting.

ANSWER: **Cubozoa** [or **box** jellyfish]

[10] Cubozoa are one of the four main groups within this phylum, which also includes more wholesome animals such as corals.

ANSWER: **Cnidaria**

[10] Along with cnidaria, this phylum used to be combined into the now obsolete phylum coelenterata. Distinctively, this phylum contains the largest animals to swim using cilia.

ANSWER; **Ctenophora** [accept **comb** jellyfish]

<AH>

9. Use of this metal in cross couplings in organic synthesis won Heck, Negishi and Suzuki the 2010 Nobel Prize in Chemistry. For 10 points each:

[10] Name this platinum-group metal which is often used as a catalyst. For example, it is deposited on calcium carbonate then poisoned with lead or sulphur to form Lindlar's catalyst.

ANSWER: **palladium**

[10] These compounds are reacted with palladium in the Kumada coupling. Adding magnesium to aryl or alkyl halides forms these compounds.

ANSWER: **Grignard reagents**

[10] Another important palladium cross-coupling reaction is this one used to synthesise the antifungal Papulacadin D. It involves reacting an aryl or alkyl halide with an aryl alkyl silane in the presence of fluoride ions.

ANSWER: **Hiyama** coupling

<EW>

10. After the collapse of the First Bank of the United States, a man with this surname overcame the prohibition on groups of individuals opening banks without legislative approval by opening the bank himself. For 10 points each:

[10] This surname was shared by one of America's richest ever men, Stephen, and the French historian René, who promoted the ideas of mimetic desire and the mimetic double bind.

ANSWER: **Girard**

[10] Girard's bank provided a majority of the government finance for this war, in which the original White House was burned to the ground.

ANSWER: War of **1812**

[10] Girard, struggling to have his banknotes accepted everywhere, swung behind the Second Bank of the United States. The struggle over the bank's charter and Jackson's veto of the bank recharter bill formed the central issue in this presidential election.

ANSWER: Election of **1832**

<DJ>

11. This work's opening describes its author as being "possessed by the spirits of wanderlust", and it sees that author visit all the places written about by Saigyō. For 10 points each:

[10] Name this 1689 travel diary, written in a mixture of prose and haiku and describing its author's trek around Japan, from Edo to Ōgaki via the eponymous region.

ANSWER: *The **Narrow Road to the Deep North*** [accept **Narrow Road to the Interior** or **Oku no hosomichi**]

[10] *The Narrow Road to the Deep North* is the magnum opus of this Edo-period Japanese poet, now recognised as the master of the haiku.

ANSWER: Matsuo **Bashō**

[10] Due to his poor health, Bashō was accompanied on his journey by this man, whose own diary of the journey gives significant extra insights into analysis of the *Narrow Road*.

ANSWER: Kawai **Sora** [accept **Sora tabi nikki**]

<EL>

12. This author's metatheatrical works include the play *Tonight We Improvise*, in which a company of actors improvises on this author's novel *Goodbye, Leonora*. For 10 points each:

[10] Name this author. Their best-known work depicts actors performing their own play *Mixing It Up*, with rehearsals being held in Madame Pace's [PAH-chey's] shop.

ANSWER: Luigi **Pirandello**

[10] Pirandello is from this country. A satirical magazine referred to him as "P. Randello" (meaning "club") for his devotion to this country's Fascist leader Benito Mussolini.

ANSWER: **Italy**

[10] Pirandello likely used this author's life spitefully as a model for his last novel, *Her Husband*. This author's novels such as *Reeds in the Wind* and *Cosima* are set in rural communities in their native Sardinia.

ANSWER: Grazia **Deledda**

<AH>

13. The 1996 relocation of the Cleveland Browns was the cause of much opprobrium at the time, and is still a sore spot for many Browns fans. For 10 points each:

[10] The move was instigated by this man, then owner of the Browns and already a divisive figure in Cleveland for his firing of Paul Brown.

ANSWER: Arthur "Art" **Modell**

[10] The Browns moved to Baltimore and, as the Ravens, became the city's first NFL franchise since the departure of this team, now rehomed in Indianapolis.

ANSWER: Baltimore **Colts** [accept Indianapolis **Colts**]

[10] Officially deactivated until the 1999 season, Cleveland received the first overall draft pick and used it to draft this quarterback, described as one of the biggest busts in NFL history.

ANSWER: Tim **Couch**

<RJ>

14. This prayer is traditionally followed by a silent response known as *Baruch shem*, although it is said aloud on Yom Kippur. For 10 points each:

[10] Name this most significant prayer in Judaism, with text drawn from Deuteronomy 6:4, that follows its eponymous instruction with "the Lord our God, the Lord is one".

ANSWER: **Shema** Yisrael [accept **Sh'ma**, generously accept **Hear, Israel**]

[10] The commandment to "inscribe it on the door-posts of your house" is fulfilled by these scroll-cases, holding the text of the Shema, being affixed to the doorposts of observant households.

ANSWER: **mezuzot** [accept **mezuzah**]

[10] It is traditional for Jews to say the Shema before performing this other action, following Rabbi Akiva, who recited it while being flayed with iron combs and performed this action immediately upon finishing.

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

<EL>

15. In one scene in the film in which she appears, this woman buys a black fur hat, even though it is the middle of summer and bad luck to wear something new on a Tuesday. For 10 points each:

[10] Name this singer, who we follow from an ominous tarot reading to shopping, time with her lover José and friend Dorothée, and chatting to a soldier, all while preoccupied with a potential cancer diagnosis.

ANSWER: Florence "**Cléo**" Victoire [from *Cléo from 5 to 7*]

[10] *Cléo from 5 to 7* is one of the best-loved films by this legendary director of *La Pointe Courte* and *Vagabond*, who died in March at the age of 90.

ANSWER: Agnès **Varda** [or Arlette Varda]

[10] *La Pointe Courte* pioneered this movement in 1950s and 1960s cinema, linked with *Cahiers du cinéma* and Left Bank directors like Jean-Luc Godard, François Truffaut and Alain Resnais.

ANSWER: French **New Wave** [or La **Nouvelle Vague**]

<EW>

16. This composer was killed in 2015 when the small aircraft they were flying crashed in California. For 10 points each:

[10] Name this composer, who first established themselves by composing the score to *Star Trek II: The Wrath of Khan* in 1982. They also wrote the score for *Avatar*.

ANSWER: James Roy **Horner**

[10] One of the many people shocked by Horner's tragic death was Celine Dion, who sang one of Horner's most popular songs, "My Heart Will Go On" for this romantic film about a sinking ship.

ANSWER: **Titanic**

[10] One melody that appears in the *Titanic* score was previously used in Horner's soundtrack for this film. This film's soundtrack often uses uilleann [EEL-yan] pipes in tracks such as "For the Love of a Princess".

ANSWER: **Braveheart**

<AH>

17. Rise up, when you're living on your knees you rise up...for 10 points each, answer these questions on a significant revolutionary event:

[10] Under the leadership of Toussaint L'Ouverture, an army made up primarily of former slaves fought first against British and Spanish forces, then against French troops instructed to restore French rule over this nation.

ANSWER: **Saint Domingue** [accept "**Haiti**"]

[10] Following Toussaint's surrender and arrest and the reinstatement of French rule, there was a brief period of peace before violence broke out again, with the Haitian forces now commanded by this man, the first ruler of an independent Haiti.

ANSWER: Jean-Jacques **Dessalines** [accept Emperor **Jacques I**, prompt on 'Jacques' alone]

[10] November 18th is celebrated as a public holiday in Haiti in commemoration of this battle, the final major encounter between Haiti and France, that was fought on the same day in 1803.

ANSWER: Battle of **Vertières** [accept *Batay Vètèyè*]

<RJ>

18. If someone with as little regard for health and safety as Willy Wonka can do it, how hard can it be? For 10 points each, answer the following about chocolate making:

[10] The most common cocoa bean used in chocolate making is this "classic" bean native to the Amazon basin. The African crop of cocoa beans is pretty much exclusively of this variety.

ANSWER: **forastero**

[10] Once cocoa nibs are liquefied, they get mixed with cocoa butter. This type of high-quality dark chocolate has a high percentage of cocoa butter and is often used to cover other foods, as the name suggests.

ANSWER: couverture

[10] Finally, the cocoa butter mixture is tempered to form and disperse some of these small structured solids with a regular repeated pattern of atoms. Ice and salt have this structure.

ANSWER: crystals

<EW>

19. Despite his name making untold thousands of history students giggle, Jakob Fugger was so rich it'd make Jeff Bezos look like a pauper. For 10 points each:

[10] Along with his brother Ulrich, Fugger financed the recruitment of the Swiss Guard at the request of this "warrior" Pope who commissioned Michelangelo's paintings for the Sistine Chapel.

ANSWER: Pope Julius II [prompt on Julius alone]

[10] The Fugger family first rose to prominence in this German city where they constructed the St. Anne's Chapel and constructed the Fuggerei social housing area. A statement of faith was drafted here by Philip Melancthon.

ANSWER: Augsburg

[10] The Fugger family was divided into branches named for the deer and this other heraldic symbol descended from Jakob Fugger the Elder.

ANSWER: lily

<RJ>

20. Stephen Krashen divides this process into the periods of preproduction, early production, speech emergence, intermediate fluency, and advanced fluency. For 10 points each:

[10] Identify this sociolinguistic process, wherein people become able to use a language which is not their native language.

ANSWER: second language acquisition [prompt on partial, accept learning for 'acquisition', accept L2 acquisition or SLA, DO NOT accept or prompt on 'first language acquisition']

[10] This hypothesis states that full language acquisition can only occur during its namesake age span, and is often cited to explain why learning a second language is harder later in life.

ANSWER: Critical Period hypothesis

[10] This psycholinguist's work is the foundation of many theories of SLA, as he introduced the concept of 'interlanguage' to describe language learners' idiolects in an eponymous essay.

ANSWER: Larry Selinker

<EL>

Tiebreaker

The brothers Max and Igor Cavalera formed a heavy metal band in this country, named after the word for "grave" in this country's language. Stan Getz's recording of a popular song from this country became an international hit in 1963, with English lyrics later added by Norman Gimbel. One of the most famous songs from this country was written and performed by (*) Ary Barroso; it was re-recorded in 1984 as the theme of a film by Terry Gilliam. The composer of nine suites entitled the *Bachianas* came from this country; he also

composed twelve symphonies, beginning with 1916's *O Imprevisto*. For 10 points, name this country that gave the world the musical style of bossa nova and songs including *The Girl from Ipanema*.

ANSWER: **Brazil**

<RJ>