MKULTRA 2015: Gohyakunijyuu no Omoide
The Milton Keynes Ultimate Liaison of Trash and Academia
Edited by Emma Laslett, George Corfield, Edmund Dickinson, David Knapp and Ewan MacAulay
Round 2 - Packet by The Four People You Meet at Quiz Tournaments

Tossups

1. **In a short story named in part for this substance, Sally Carrol Happer decides to return home to Tarleton during a visit to meet her fiancé's family. The title of Scott Phillips's debut novel, set in Wichita, Kansas on Christmas Eve 1979, includes this substance, a new type of which was prepared by** (*) Felix Hoenikker. Caves of this substance are described as part of a "miracle of rare device" in a poem by Samuel Taylor Coleridge, while the speaker of another poem claims that "for destruction" this substance is "also great / and would suffice". For 10 points, name this substance contrasted with fire in a Robert Frost poem about the end of the world.
ANSWER: **ice**

2. **Elgar's *String Quartet in E minor* is dedicated to a quartet formed in this city by Adolph Brodsky. Michael Talbot discovered the manuscripts of a set of twelve violin sonatas by Vivaldi in this city in 1976. Composers associated with a school of music based in this city include Alexander Goehr, Harrison Birtwistle, and** (*) Peter Maxwell Davies. A bust of John Barbirolli stands outside the main entrance to a concert venue opened in 1996 in this city, which is home to the BBC Philharmonic as well as another orchestra that is the UK's oldest. The Royal Northern College of Music is located in, for 10 points, which English city where Mark Elder conducts the Hallé at Bridgewater Hall?
ANSWER: **Manchester**

3. **In one song this artist states that she hopes her former self isn't "six feet under" and later claims that she loved her former self's "rawness" and "edge". In another song this artist sings that she sometimes feels like she's at the end of the road, and wonders if that was also how Marilyn Monroe felt. In one song by this artist she puts on a Cockney accent to tell Roman to take medication, and in another track on the same album she asserts "I beez in the trap". This artist claims that Young Money raised her in one song, and in another she sings that the title objects were** (*) "meant to fly". This female artist had a well received guest verse on the track "Monster" and recently released her third album *The Pinkprint*. For 10 points, name this rapper whose most famous singles include "Starships" and "Super Bass".
ANSWER: Nicki **Minaj** [or Onika Tanya **Maraj**]

4. **Substrates undergo transfer from this element to palladium in one step of the Hiyama coupling. In the Peterson reaction, a group containing this element is eliminated to form an alkene. Protecting groups containing this element, such as TBDMS, can be removed using TBAF as a fluoride source.** (*) This element's carbide's primary ore is Moissanite. The Avogadro project aims to define the kilogram as a set number of atoms of this element. This element's monocrystalline form is produced by the Czochralski process for use in photovoltaic cells. This element is the second most abundant element in the earth's crust. For 10 points, name this element with symbol Si.
ANSWER: **silicon** [accept **Si** before it is read]

5. **A "folk" approach to this discipline is analysed by Medin et al. using a "context model". An early theorist in this field illustrated one argument with a namesake bear and another early theorist wrote about the "heterogony of ends". Harvey Carr founded one school in this discipline, of which the developer of the law of effect was also an adherent. The social variant of this discipline has faced a replication crisis, a situation worsened by the actions of academics like** (*) Diederik Stapel, who faked the results of numerous influential experiments, including one that took place at a train station in Utrecht. The experimental school of this discipline is often said to have been founded by Wilhelm Wundt. For 10 points, name this academic discipline, practitioners of which have included Philip Zimbardo and Stanley Milgram.
ANSWER: **psychology**

6. **The oldest living being in this game is named Mazdamundi, and caused the downfall of a civilization by waking up and deciding the continents were in the wrong place. Another skilled magic user called Caledor prevented an invasion into the world of this game by freezing time on the Isle of the Dead. One race in this game is ruled by a grey-haired caste that have horns growing from their heads and use** (*) warpfire technology, while another race from cities like Har Ganeth constantly feels the effects of Hatred. Those races are the Skaven and Dark Elves, which, along with the Warriors of Chaos, are enemies of the human Empire in this game's setting. For 10 points, name this strategy board game from Games Workshop, named for the god Sigmar's weapon of choice, with a sci-fi "40,000" counterpart.
ANSWER: _Warhammer_ _Fantasy Battle_ [or _Warhammer_: _The Game of Fantasy Battles_; do not accept or prompt on "Warhammer 40,000" or "Warhammer 40K"]

7. **One child of this deity is cursed to guard the temple of this deity's rival, and is known as the Big-Weather Beast, while another is killed by a warrior with a 'shining chariot' in _Angim_. While living in Anduruna, this deity is disturbed by noise but initially argues not to do anything; after this deity's consort is made into the foundations of a building, however, this deity gets angry and births** (*) eleven children as Mother Hubur. This deity's blood is carried by the North Wind after this deity's defeat. A banquet is convened by Kakka to discuss this deity's giving away of the Tablet of Destiny, leading to Anshar asking his grandson to deal with this deity. For 10 points, name this wife of both Apsu and Kingu, the Babylonian primordial saltwater dragon slain by Marduk in the _Enuma Elish_.
ANSWER: **Tiamat**

8. **Incorrect synthesis of this organelle has been proposed as a possible cause of North American Indian childhood cirrhosis. This organelle's function is inhibited by anisomycin. The protein eIF2 binds GTP and a methionine-appended molecule form a trimer that binds to this organelle. In prokaryote, the Shine-Dalgarno sequence allows** (*) mRNA to be fed into this organelle. This organelle's eukaryotic 40S and 60S subunits separate once a stop codon is reached in this organelle's A site and tRNA can no longer bind, releasing a complete polypeptide. For 10 points, name this organelle often found attached to the rough endoplasmic reticulum, the site of translation.
ANSWER: **ribosome** [accept **small subunit processome** or **SSU processome** before "anisomycin" is read; accept **40S** subunit before it is read]

9. **This man's death occurred after he was tricked into believing Jesus Guajardo's defection was genuine. In 1911, forces under this man's command defeated the "Golden Fifth" cavalry regiment at the Battle of Cuautla. This man formed the agrarian armed force the Liberation Army of the South. A document issued by this man named Pascual Orozco as the legitimate leader of the Revolution, rejected the presidency of** (*) Francisco Madero and called for widespread land reform; that document was the Plan of Ayala. For ten points, name this southern peasant leader who allied with Pancho Villa during the Mexican Revolution.
ANSWER: Emiliano **Zapata** Salazar

10. **One author with this last name wrote a play that centres on a career woman leaving her child with her sister, Joyce in Ipswich. That play's first act features a dinner party shoes guests include the subject of a Breughel painting and the Japanese concubine Lady Nijo. With David Lan, that author with this last name co-wrote a work inspired by Artaud's theory of the Theatre of Cruelty, _A Mouthful of Birds_. Another author with this last name wrote about a fictional revolution against Antonia Molara in the novel** (*) _Savrola_. That author included sections titled _The Great Democracies_ and _The Age of Revolution_ in _A History of the English-Speaking Peoples_. For 10 points, what last name is shared by the author of _Top Girls_, Caryl, and a British Prime Minister who won the 1953 Nobel Prize in Literature?
ANSWER: **Churchill** [accept Caryl **Churchill** or Sir Winston Leonard Spencer-**Churchill**]

11. **One character in this film fends off accusations of staring by saying "that's no look, that's my face". That character is later fired from his gardening job when his blocked nose is treated as evidence of a cocaine**

addiction, and another character gets into a fight after trying to urinate on a dog's head. A foot massage in the bath in this film is interrupted by a phone call from a pregnant woman, while the interruption of an accidental (*) gay porn viewing leads to confusion over exactly who the fifteen-year-old Laser was meeting. The revelation that a college-bound character in this film is named after Joni Mitchell is followed by Nic's dinner-table rendition of *Blue* and the discovery of her wife's affair with Paul. For 10 points, name this 2010 Best Picture-nominated film starring Annette Bening and Julianne Moore about a lesbian couple and their children meeting their sperm donor.
ANSWER: *The Kids are All Right*

12. **One man was appointed head of one of these institutions after he mistakenly thought that Fidel Castro had asked if there was a comunista in the room. One of these institutions was set up in response to a loss at the Battle of Beachy Head, while a piece of legislation that established another of these institutions was sponsored by Carter Glass and Robert Owen. One of the earliest of these institutions was created by Charles Montagu and was first headed by John Houblon.**(*) Paul Volcker was the chair of one of these institutions but was replaced by a man who oversaw the "Great Moderation"; that man was Alan Greenspan. The British version of this type of institution is run by a body known as the MPC. For 10 points, name these economic institutions that control policy interest rates and are responsible for monetary policy within a country.
ANSWER: **central bank**s [accept **central bank** of **Cuba**, or **Bank of England**, or **Fed**eral Reserve; prompt on "banks"]

13. **This man argued that his politics only had a tendency to produce war, a statement which was used by a "little cabal in … [his] own ranks" to undermine him. As foreign minister, he rebuffed the attempts of François Guizot to create more harmonious relations between European powers, as he suggested that Isabella II of Spain should marry Prince Leopold in the Affair of Spanish Marriages. This man came to the defence of a merchant attacked by a mob in Athens by invoking the principle of *Civis Romanus Sum* in the Don Pacifico Affair. Between (*)** periods as Prime Minister, this politician and Lord Russell helped found the Liberal Party and during his second term in office he responded to the Lancashire Cotton Famine. For 10 points, name this British Prime Minister who was in office during the American Civil War.
ANSWER: Henry John **Temple**, 3rd Viscount **Palmerston** [accept either underlined part]

14. **A 2007 mudslide partially destroyed this region's Valley of Geysers, and its subarctic climate is partially due to the Oyashio Current. Cape Lopatka is the southernmost point of this region, while the Litke Strait separates this region from Karaginsky Island. On the shore of Avacha Bay lies this region's capital and the highest active volcano in (*)** Eurasia, Klyuchevskaya Sopka, is located in this region. The Kuril Islands are located south of this region and over half of this region's population live in the city of Petropavlovsk. For ten points, name this peninsula in far eastern Russian that separated the Sea of Okhotsk from the Pacific Ocean.
ANSWER: **Kamchatka** Peninsula or Poluostrov **Kamchatka** (accept **Kamchatka** Krai; accept **Kronotsky** Biosphere Reserve before "Oyashio")

15. **Hassler Whitney names a form of this operation for vector bundles. Applying the "direct" form of this operation to an infinite collection of vector spaces gives a vector space containing only those ordered tuples with finitely many non-zero coordinates. This operation is generalised by disjoint union of sets. A convention in tensor calculus concerning this operation is named for Einstein. The logarithm of the product of a and b is this function of the (*)** logarithm of a and the logarithm of b. For complex numbers and vectors this operation can be visualised via the "parallelogram rule". For 10 points, name this mathematical operation whose repeated application is denoted by a capital sigma and, when applied to one and one, gives two.
ANSWER: **sum**mation [or **add**ition; or **plus**; accept word forms]

16. **At one tournament, this man paid a spectator $200 after a wayward tee shot broke the man's watch. This man was the last man to win a PGA Tour event as an amateur and he won his second major in a Monday finish at Baltusrol. At the 2015 Open Championship, this man hit a drive onto a balcony at the Old Course Hotel, while driving into a (*)** hospitality tent cost this man the 2006 US Open. This man performed a star jump

after sinking a birdie putt on the 18th, giving him a one stroke victory over Ernie Els at the 2004 Masters. Nicknamed "Lefty" as he swings left-handed despite being right-handed, this is, for ten points, which American golfer?

ANSWER: (Philip Alfred) "Phil" **Mickelson**

17. **A short story by this author features a man pretending to be asleep so that he can listen to two children talking about fairies and talking animals. In another work, this author wrote about six men claiming to have met people who resemble characters from Shakespeare. The protagonist of a novel by this author meets Gemma Rosselli in Frankfurt; that novel is (*)** *Torrents of Spring.* In this author's most famous work, two men visit Katya in Marion and one of those men fights a duel with Pavel. That work by this author features Madame Odintsova, to whom both Bazarov and Arkady are attracted. For 10 points, name this Russian author of *Sportsman's Sketches* and *Fathers and Sons*.

ANSWER: Ivan (Sergeyevich) **Turgenev**

18. **This artist painted stone tombs and a bright white monolith flanking two men investigating a cave. A woman with a picnic basket is reading a book between two trees in front of a Roman statue in *Garden Terrace*, a work by this artist of *Graves of Ancient Heroes* who used the motif of a ruined church arch in *The Abbey in the Oakwood*. A woman in red reaches towards a man on his hands and knees in front of (*)** white rocks in this artist's *Chalk Cliffs at Rügen*, while in his most famous painting a man in dark green faces away from the viewer towards an obscured mountainous landscape. For 10 points, name this German Romantic artist of *Wanderer above the Sea of Fog*.

ANSWER: Caspar David **Friedrich**

19. **Richard Posner wrote a paper titled for William Blackstone and this thinker, whose first work was a critique of legal traditionalism. This thinker made an analogy between the world and a gymnasium to argue for transparency in every part of life. This thinker financially supported many of the early projects of his student, Robert Owen. He asserted that "what is every man's right is no man's right" in (*)** *Anarchical Fallacies*. This thinker argued that the benchmark one should use to assess how to treat another being is not "can they reason… but, can they suffer?" This philosopher wrote about a hypothetical prison in which the prisoners do not know whether or not they are being watched by a single guard. For 10 points, name this English philosopher, the founder of utilitarianism.

ANSWER: Jeremy **Bentham**

20. **Kenneth Scott wrote about the cult of this man's family, and modern scholarship suggests a poem about the Seven Champions of Thebes is critical of him. This man responded to the Revolt of the Batavi by sending a huge army led by Quintus Cerialis. This man had Helvidius Priscus killed for his Stoic teachings, was pelted with turnips at an uprising in Hadrumetum, and implemented a tax on urinals. This man was sent by (*)** Claudius to invade the Isle of Wight and later sent Agricola to expand the Empire into modern-day Scotland. This man won the second battle of Bedriacum to replace Vitellius as Emperor, becoming the fourth emperor to rule Rome in 69 CE. For 10 points, name this Roman Emperor who began work on the Colosseum and founded the Flavian dynasty.

ANSWER: Emperor **Vespasian** [or Titus Flavius Caesar **Vespasian**us Augustus]

Bonuses

1.Name some things about a certain Mesoamerican civilization, for 10 points each.
[10] These people were among the first to play the Mesoamerican ballgame, also known as ōllamaliztli or pitz, as evidenced by several rubber balls preserved at El Manatí. They are also famous for sculpting large stone heads.
ANSWER: **Olmec**s
[10] Ten of those stone heads were found at this site on the Coatzacoalcos river. It is believed to have been a major centre of Olmec civilization during the Early Formation Period around 1200 BCE before shifts in river course led to its decline as a trading centre.
ANSWER: **San Lorenzo** Tenochtitlán
[10] The exact chronology of the Olmecs has long been the subject of heated debate, famously coming to a head at a 1942 conference when this Mexican archaeologist claimed they were the "mother culture" of Mesoamerica.
ANSWER: Alfonso **Caso** y Andrade

2.Several female poets have been called "the tenth Muse". For 10 points each:
[10] An epigram ascribed to Plato in the *Palatine Anthology* names this ancient Greek poet from Lesbos as the tenth Muse. Her only surviving complete poem is a twenty-eight line "Hymn to Aphrodite".
ANSWER: **Sappho** of Lesbos [or **Psappho**]
[10] A collection of this woman's poems, *The Tenth Muse Lately Sprung Up in America*, was purportedly published without her knowledge. A later collection of her work, published posthumously in 1678, includes poems such as "To My Dear and Loving Husband".
ANSWER: Anne **Bradstreet** [or Anne **Dudley**]
[10] This Carmelite nun has been called "Mexico's tenth Muse". Octavio Paz wrote about her in the biographical work *The Traps of Faith*, in which he analysed poems such as her philosophical "First Dream".
ANSWER: Sor **Juana** Inés de la Cruz [or Sister **Juana**; or Sor Juana **Inés de la Cruz**; or Juana Inés de **Asbaje** y Ramírez de Santillana]

3.These objects are virtually indispensable when implementing data structures such as linked lists and trees. For 10 points each:
[10] Name these constructs, typically used to store addresses of values located elsewhere in a computer's memory. They can be distinguished from other types of reference by their ability to be manipulated arithmetically.
ANSWER: **pointer**s
[10] This word is used to describe pointers that do not refer to a valid object. The computer scientist Tony Hoare has referred to his invention of these pointers as his "billion-dollar mistake" since their misuse can often lead to programming errors.
ANSWER: **null** pointers
[10] In C and related languages, pointers are denoted with this symbol. This character can also represent a wildcard in searches and denotes multiplication in many programming languages.A
ANSWER: **asterisk** [or **star**]

4. The artist included himself holding a viola da gamba in the central foreground of this painting, which also includes other contemporary figures such as Charles V and Suleiman the Magnificent. FTPE:
[10] Name this enormous oil painting, the largest in the Louvre's collection, depicting a certain biblical event.
ANSWER: *The **Wedding Feast at Cana*** [or *The **Wedding at Cana***; or *The **Marriage at Cana***; or other equivalent translations]
[10] This Italian artist, known for his colourful style, painted *The Wedding Feast at Cana*. He later went on to paint the even more enormous *Feast in the House of Levi*.
ANSWER: Paolo **Veronese** [veh-roh-NAY-zay] [or Paolo **Caliari**]
[10] Shown in red seated opposite Veronese in *The Wedding Feast at Cana* is this other Renaissance artist, who also painted several portraits of Charles V but is probably better known for works such as *Sacred and Profane Love* and the *Venus of Urbino*.

ANSWER: **Titian** [or **Tiziano** Vecelli(o)]

5. It is claimed that pure "industrial" calcium may be stored in underground lead chambers to prevent the possibility of this event. For 10 points each:
[10] Name this fictitious scientific phenomenon, the result of the "queen atom" of a calcium molecule leaving its "nest", causing the entire structure to "come tumbling a-down" with disastrous effects.
ANSWER: the **Helvetica** Scenario
[10] The Helvetica Scenario is described in the pilot episode of this British television comedy series, written by Peter Serafinowicz and Robert Popper, which parodies educational science videos. The second series poked fun at *Tomorrow's World* and other popular science programmes and featured Medibot and Computer Jones.
ANSWER: ***Look Around You***
[10] In addition to Popper and Serafinowicz, this man also appears as one of the scientists in the first series of *Look Around You*. You may know him better as the director of *Shaun of the Dead* and *Hot Fuzz*.
ANSWER: Edgar (Howard) **Wright**

6. This thinker identified Lord Devlin's opposition to the Wolfenden Report as being driven by the "politics of disgust" in *From Disgust to Humanity.* For 10 points each:
[10] Name this American philosopher who offered an interpretation of what Greek philosophers said on the ethics of homosexuality and set out a defence of liberal feminism in *Sex and Social Justice.*
ANSWER: Martha (Craven) **Nussbaum**
[10] One part of Nussbaum's definition of this feminist concept is the denial of subjectivity. In more general feminist discourse, this concept is often simply defined as seeing or treating a person as a thing.
ANSWER: **objectification** [accept word forms, such as **objectify**ing]
[10] Many of the explanations employed by feminists to explain why the female body is often objectified partially rely on this philosopher's theories on gender performativity, which she expounded in her book *Gender Trouble*.
ANSWER: Judith **Butler**

7. This author wrote about Carla sleeping with her mother's lover Leo in *The Time of Indifference*. For 10 points each:
[10] Name this author who asserted that "a writer survives in spite of their beliefs" and also wrote about Molteni's relationship with his wife Emilia in *A Ghost at Noon.*
ANSWER: Alberto **Moravia**
[10] Moravia returned to this city after the fall of fascism in his country of birth. In Moravia's *The Voyeur,* Edoardo, who meets Pascasie on the banks of the Tiber, lives in this city.
ANSWER: **Rome**
[10] This Italian author of *Why read the Classics?* swore that he would never set foot in Rome, but ended up moving there in his sixties. In one work, he wrote about Marco Polo trying to describe mystical cities to Kublai Khan.
ANSWER: Italo **Calvino**

8. The pollsters were completely useless in predicting the 2015 UK general election results. For 10 points each:
[10] One theory as to why the polls did not accurately predict the result of the election was named for this phenomenon. It describes the theory that supporters of a particular political party do not reveal their true voting intentions to pollsters, perhaps due to embarrassment.
ANSWER: the **shy Tory** effect [or **shy Tories**; or **shy Conservatives**]
[10] Pollsters did a much better job at predicting the election results in Scotland, though many failed to predict Labour's loss of this formerly safe seat to the SNP, which represented the biggest ever swing in a general election.
ANSWER: **Glasgow North East**
[10] One of the few high profile marginal seats in England that the polls got right was Wirral West, where this Conservative Minister of State for Employment lost their seat.
ANSWER: Esther (Louise) **McVey**

9. Paul Krugman wrote about this phenomenon in a 1987 paper that discusses the implications of the macroeconomic policies of the Thatcher government and the "narrow moving band" of dynamic scale economies. For 10 points each:

[10] Name this phenomenon, which describes the linkage between the discovery of natural resources in an economy and a decline in its manufacturing sector, and is named for the country in which it was first examined.

ANSWER: **Dutch disease**

[10] Dutch disease occurs due to an appreciation in this economic quantity. It is defined as the purchasing power of one currency compared with the purchasing power of another currency.

ANSWER: real **exchange rate**

[10] The existence of Dutch disease is reliant on the fact that when consumers' demand rises they choose to spend a disproportionate amount of income on products produced in their own country, a phenomenon described in economics literature by this two word phrase.

ANSWER: **home bias**

10. Name these things connected with the genus *Magnolia*, for 10 points each.

[10] As *Magnolia* plants have stamen and their ovules are enclosed inside the carpel, they belong to this group of plants that are contrasted with gymnosperms, such as conifers.

ANSWER: **angiosperm**s [accept **flowering** plants or similar word equivalents]

[10] The perianth of flowering plants includes the petals and sepals that protect the stamen and carpel before flowering. In *Magnolia*, however, the petals and sepals are indistinguishable, and so are individually referred to by this term.

ANSWER: **tepal**s

[10] *Magnolia* flowers are all radially symmetric, but occasionally a mutation can cause plants like *sinningia speciosa* with bilaterally symmetric flowers to exhibit radially symmetric ones instead, a condition referred to by this name.

ANSWER: **peloria** [or **peloric** flowers]

11.In 2015 this woman was named the UK's most influential woman in technology by *Grazia* magazine. For 10 points each:

[10] Name this British internet celebrity, known for her fashion and beauty vlogs on YouTube. With fellow Brits Vice News and The Slo Mo Guys, she has appeared in a series of television and billboard adverts for the website.

ANSWER: **Zoella** [or Zoe Elizabeth **Sugg**]

[10] In November 2014, this debut novel by Zoella recorded the highest ever first-week sales for a first-time novelist. It tells the story of a sixteen-year-old blogger dealing with her blog going viral.

ANSWER: *Girl Online*

[10] This other YouTube star and boyfriend of Zoella also had a major publishing success in 2014 with his activity-based *The Pointless Book*, despite its receiving some unfavourable comparisons with Keri Smith's *Wreck This Journal*.

ANSWER: Alfie **Deyes** [prompt on "PointlessBlog"]

12. On 1 April 2014 it was announced that CERN would be switching all its official communication channels to exclusively use this typeface. For 10 points each:

[10] Name this ubiquitous, yet much reviled typeface, designed in 1994 for Microsoft by Vincent Connare. Although it is often attacked for its overuse and its association with amateur design, some have claimed that it is easier for dyslexic readers to read.

ANSWER: **Comic Sans** MS

[10] Comic Sans is sometimes criticised for its irregular glyphs, which can result in inconsistent letter spacing. This typographical term describes the process of adjusting the space between individual pairs of letterforms in a font to increase aesthetic appeal and/or readability.

ANSWER: **kern**ing [or **mortising**; prompt on "letterfit"]

[10] The lowercase "e" in Comic Sans has a distinctive heavily slanted cross stroke, a feature it shares with this category of typefaces. Designed to imitate Renaissance manuscripts, these typefaces are characterised by their diagonal stress, small x-height, and low stroke contrast.
ANSWER: **humanist**ic [or **humane**s; or **Venetian**; prompt on "Old Style"]

13. Charles Wentworth Upham described this Parliament as "a set of the greatest geniuses for government that the world ever saw". For 10 points each:
[10] Name this Parliament, summoned by Charles I in order to raise taxes, which instigated the first Civil War and was eventually purged, leading to the creation of the Rump Parliament.
ANSWER: the **Long** Parliament
[10] The Long Parliament was purged by this man. This man was one of the Regicides of King Charles I, and his body was ordered to be dug up and suspended on the gallows at Tyburn after the Restoration of 1660.
ANSWER: (General Sir) Thomas **Pride**
[10] The Long Parliament's attempt to pass this treaty with Charles I led to Pride's Purge. Negotiations were slow, as the king refused to agree to abandoning Episcopacy.
ANSWER: the Treaty of **Newport**

14. In 1998 this man made his directorial debut with a film adaptation of his own play *Up 'n' Under* about an inept Rugby League seven-a-side team trained by ex-pro Arthur. For 10 points each:
[10] Name this playwright who also wrote about John visiting his parents, Vic and Doc, in *Happy Families* and parodied the 1980s disco scene in his most famous work, *Bouncers.*
ANSWER: John (Harry) **Godber**
[10] John Godber was artistic director of the Truck theatre in this Yorkshire city. Philip Larkin lived in Pearson Park in this city and described it as being "on the edge of things".
ANSWER: Kingston upon **Hull**
[10] This author of *Over the Frontier* was born in Hull. Her poetry included works such as "A House of Mercy" and "Not Waving But Drowning", as well as the collection *A Good Time Was Had by All.*
ANSWER: Stevie **Smith** [or Florence Margaret **Smith**]

15. Some of the largest cities in South America are not necessarily capital cities. For 10 points each:
[10] This city, the largest in Ecuador, is the third largest port on South America's Pacific coast. Its urban area has a population of nearly 2.7 million, making it over 50% larger than the nation's capital, Quito.
ANSWER: Santiago de **Guayaquil**
[10] With a population of over two million, this city on the Pirai River is the largest in Bolivia.
ANSWER: **Santa Cruz** de la Sierra
[10] This Brazilian city is not only the largest city in South America, but the largest in the whole of the Southern Hemisphere. The port city of Santos is situated approximately 49 miles SSE of this city.
ANSWER: **São Paulo**

16. This composer first gained international recognition when his 1957 *Requiem for String Orchestra* was praised by Stravinsky for its "sincerity" and "passionate" writing. For 10 points each:
[10] Name this prolific, largely self-taught Japanese composer, whose other works include two *Rain Tree* sketches for piano and over a hundred film scores, in addition to several books on music theory.
ANSWER: Toru **Takemitsu** [accept names in either order]
[10] Many of Takemitsu's later works make use of an E-flat, E, A motif named for this entity. An orchestral work about this entity by Debussy, whom Takemitsu referred to as his "great mentor" comprises three "symphonic sketches", one of which is titled for "the dialogue between the wind and [this entity]".
ANSWER: The **sea** [accept "*La mer*" prompt on "water" and generously "waves"]
[10] Debussy wrote a piece with movements titled "Clouds", "Festivals" and "Sirens" in this genre - that piece was inspired by a Whistler painting.
ANSWER: **Nocturne**

17. Eric Cornell and Carl Wieman shared the 2001 Nobel Prize in Physics with Wolfgang Ketterle for work in which, independently, they produced these substances for the first time. For 10 points each:
[10] Name this "fifth state of matter" in which a large fraction of particles occupy the lowest possible quantum state, causing quantum effects to manifest themselves at a macroscopic level.
ANSWER: **Bose–Einstein condensate**s [or **BEC**s]
[10] Bose–Einstein condensation can only be achieved at temperatures very close to this value, which cannot actually be reached according to the laws of thermodynamics.
ANSWER: **absolute zero** [or **0K**; or **–273.15°C**]
[10] The single particle wavefunction of a Bose–Einstein condensate is described by this nonlinear partial differential equation, which includes a coupling constant proportional to scattering length of two interacting bosons. It is named for an American and a Russian.
ANSWER: **Gross–Pitaevskii** equation

18. In 2015, this nation won the Copa America for the first time. For ten points each:
[10] Name this nation whose players include Gary Medel and Alexis Sanchez.
ANSWER: **Chile**
[10] This Chile and Napoli forward was joint top scorer in the 2015 Copa America alongside Paolo Guerrero.
ANSWER: Eduardo (Jesus) **Vargas** Rojas
[10] As well as Mexico, this Caribbean island nation was invited to the 2015 Copa America. They were surprise finalists in at the 2015 CONCACAF Gold Cup, losing no less to Mexico.
ANSWER: **Jamaica**

19. This man replaced Walter Ulbricht as East German Chancellor and attempted to flee to Chile after the fall of the Berlin Wall. For 10 points each:
[10] Name this East German politician who told Gorbachev that "we have done our perestroika, we have nothing to restructure", an attitude that eventually saw his removal as Chancellor in 1989.
ANSWER: Erich **Honecker**
[10] Honecker improved the living standards in East Germany by allowing some western goods to enter the country under this policy. This policy was the primary economic programme of Honecker's Main Task reforms.
ANSWER: **consumer socialism** [do not accept or prompt on 'socialism']
[10] Honecker was replaced as East German Chancellor by this man. This politician was convicted in 1997 of manslaughter, a conviction he described as "victor's justice".
ANSWER: Egon **Krenz**

20. We all know about the Æsir and Vanir, but what do you know about some of the other races in Norse mythology? For 10 points each:
[10] The killing of the first of this race, Ymir, allowed Odin and his brothers to create the Earth. Thrymr, a king of this race's namesake realm, exemplified the antagonistic relationship between this race and the gods in attempting to wed Freyja by stealing Thor's hammer, Mjölnir.
ANSWER: **jötnar** [or **jotunn**; or **giants**; accept any more specific answers, e.g. fire **giants**]
[10] These two dwarfs managed to impress the gods by making Mjölnir, along with the boar Gullinbursti and Odin's ring Draupnir, winning a bet that meant one of them sewed Loki's lips shut. Name either.
ANSWER: **Brokkr** or **Eitri** [or **Sindri**]
[10] These beings are described in *Gylfaginning* as living in Álfheimr, one of the Nine Worlds. He also describes them as the only known occupants of Gimlé.
ANSWER: **Ljósálfar** [or **light elves**; or **white elves**; prompt on "elves" or "Alfar"]