

MKVITRA: The Undiscovered Content

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Packet 13 (Cup Final): This Whole Tournament Smacks Of Gender

TU1. Transition metal complexes in the O_h (O-H) point group have this many monodentate ligands. Dimolybdenum [dye-mo-LIB-den-um] and ditungsten in the gas phase are the only molecules known to have covalent bonds with this bond order. In coordination chemistry, this is the usual denticity of EDTA. The stability of the tropylium [tro-PILE-i-um] cation [CAT-eye-on] arises from it having this many pi-electrons. This is the total number of electrons that can fit within a (*) p-subshell. Buckminsterfullerene consists of twenty rings of this many carbon atoms and twelve rings that have one fewer carbon. Aerobic respiration releases this many molecules of carbon dioxide for each molecule of glucose. For 10 points, give the number of carbon atoms in benzene, also the atomic number of carbon.

ANSWER: **Six** <EM/RJ, Chemistry - Organic>

<EM/RJ>

BS1. Now for a bonus set on everybody's favourite Mesopotamian demon, Namtar! What do you mean, "Who's Namtar?" Well, for 10 points each:

[10] He was this kind of attendant deity to Nergal, god of war and disease, which was also the Sumerian word for a kind of public official generally translated as "vizier".

ANSWER: **sukkal** [accept **sukkallu**]

[10] He was also primarily the sukkal of this queen of the underworld, also known by the same name as her kingdom, Irkalla, who was Nergal's wife in later myths.

ANSWER: **Ereshkigal** [accept **Ninkigal**]

[10] In his most notable appearance, he's sent to unleash sixty diseases on this Babylonian love goddess as she descends into the underworld, though he does not appear in the equivalent Sumerian story of Inanna.

ANSWER: **Ishtar**

<EBL>

TU2. Alfred Wainorek's studies on this procedure used dye penetration to guide an occlusal technique performed on Nitabuch's layer. A curvilinear "smile" used in this procedure is named after Hermann Pfannenstiel, although if the risk of dehiscence [de-HISS-ence] becomes too high the Joel-Cohen technique is used instead. When malpresentations are discovered during this procedure, both T-extensions and J-extensions are used to prevent a (*) "rupture" of a certain organ. Leopold's manoeuvres can be used to determine if this procedure is needed, which is most often done for a "breech" position. After a catheter is inserted in the bladder as part of this procedure, a six inch midline incision is made on the abdomen which is then followed by one on the uterus. For 10 points, name this medical procedure used when regular vaginal delivery is deemed too dangerous.

ANSWER: **Caesarean Section** (prompt on delivery or childbirth before "Pfannenstiel" is read)

<ZF>

BS2. Gaetano Donizetti moved to Paris in 1838, after the King of Naples banned the production of his opera *Poliuto*, and promised never to deal with the Teatro di San Carlo again. For 10 points each, answer questions about his pre-tantrum career:

[10] Donizetti's biggest early success was an opera about this wife of Henry VIII.

ANSWER: Anne **Boleyn** (accept **Anna Bolena**, the name of the opera itself)

[10] Like *Anna Bolena*, Donizetti's *Lucia di Lammermoor* contains a "mad scene" showing the descent into insanity of the title character; in the latter, Lucia sings this aria after she stabs her new husband Arturo.

ANSWER: ***Il dolce suono*** (accept ***the sweet sound*** or similar translations)

[10] *Lucia di Lammermoor* was the first of eight librettos written for Donizetti by this Italian playwright, who worked with Donizetti until 1843's *Maria di Rohan*.

ANSWER: Salvador **Cammarano**

<RJ>

TU3. A monarch of this kingdom supposedly witnessed a chameleon crossing a bombax tree and adopted it as the symbol for his reign. This kingdom maintained a messenger system of young men called the "half-heads." This kingdom had a celebration called the *huetanu* where there was a gathering of tribute sent to a neighbouring kingdom's Alaadin. This kingdom, which was once ruled by Agaja, conquered the Kingdom of Ouidah, which is the location of the (*) "Door of No Return." The missionary Thomas Birch Freeman recorded much of what we know of this kingdom's King Ghezo, who established a military unit of all women known as the "Amazons." This kingdom was a tribute state of the Oyo Empire until the 1820s. For 10 points, name this West African slave-trading kingdom that was based in modern day Benin.

ANSWER: Kingdom of **Dahomey** (accept **Fon**)

<ZF>

BS3. One character in this novella is the waffling transcendental philosopher Ferdinando Flosky, a satire of Samuel Coleridge. For 10 points each:

[10] Name this 1818 novella in which Scythrop Glowry falls in love with both Marionetta and Celinda whilst writing a treatise on the Illuminati in a tower of the title location.

ANSWER: **Nightmare Abbey**

[10] *Nightmare Abbey* was a 19th-century satire with elements of *bildungsroman*, not unlike *Northanger Abbey* in that respect, which centres around this naive young woman.

ANSWER: **Catherine Morland** (accept either)

[10] Yet another 19th-century *bildungsroman*, the Palliser series revolves around Plantagenet Palliser, a creation of this author.

ANSWER: Anthony **Trollope**

<EWL>

TU4. This country's 1997 constitution became the second ever constitution after South Africa's to prohibit discrimination based on sexual orientation. Because this country was embroiled by internal strife, foreign nationals were evacuated from it in Operation Morris Dance. A dictator of this country who came to power in a 1987 coup was nicknamed (*) "Colonel Steve Rambo." A former president of this country who is currently serving life in prison for his role in a 2000 coup is George Speight. Close to 40% of this country's populace are of Indian descent, which they trace back to when *Girmityas* were brought to work on sugar plantations on Vanua Levu. For 10 points, name this Melanesian country whose economy is powered by the bottled water industry, was once led by Frank Bainimarama, and has its capital at Suva.

ANSWER Republic of **Fiji**

<ZF>

BS4. Is it better to attempt something never before attempted and fail or succeed at a task well-trodden? The latter, obviously. For 10 points each, some questions on places few or no humans have been.

[10] Out of respect for spirituality, Bhutan banned the climbing of mountains over 6,000m, meaning this mountain will almost certainly remain the highest unclimbed mountain in the world.

ANSWER: **Gangkhar Puensum** [POON-soom]

[10] The UNESCO World Heritage site of Tsingy [TSING-i] de Bemaraha in this island nation is notoriously difficult to explore because of the fragility and danger of the rock formations. Its name translates from Malagasy as "where one cannot walk barefoot".

ANSWER: **Madagascar**

[10] The indigenous people of this island in the Bay of Bengal have lived there for centuries, but are classed as 'uncontacted' as they violently repel any outsider who attempts to land, most recently a missionary in 2018.

ANSWER: **North Sentinel** island

<RJ>

TU5. Moderator note for players: Descriptive answer acceptable, but it must be reasonably specific.

Calvin Hoffman is the namesake of an annual prize for the best essay written on this subject. John Hurt plays one of the two people central to this argument in *Only Lovers Left Alive*, where he calls the other a "mindless entrepreneurial bastard". The presence of lines in one work from Ovid's *Amores* in *Venus and Adonis* is a component of this argument, as one of its subjects had previously (*) translated the *Amores* into English. A common element of this argument involves "parallels" drawn between works by the two figures, such as Barabas reacting to Abigail's appearance on a balcony above him with "But stay! What star shines yonder in the east?" For 10 points, the nickname "Marlovian" is used to describe people who believe in what historical conspiracy theory, as opposed to "Stratfordians" who believe that the two figures were separate?

ANSWER: The theory that Christopher **Marlowe wrote** William **Shakespeare's works** (prompt on answers referring to Shakespeare or Marlowe alone, generally use your common sense.)

<RJ>

BS5. This thinker cited the writings of Fredric Jameson to claim that Adele's music was "pastiche." For 10 points each:

[10] Name this thinker, who critiqued *Capitalist Realism* in a 2009 work. This thinker criticised contemporary leftism's notion of class consciousness in his essay "Exiting the Vampire Castle".

ANSWER: Mark **Fisher** [or **k-punk**]

[10] Fisher, along with Sadie Plant, was part of the Cybernetic Cultural Research Unit at this British university. The "father of accelerationism," Nick Land, was a faculty member at this plate glass university.

ANSWER: University of **Warwick** [do not accept or prompt on "Coventry", Coventry University is the other university in Coventry]

[10] Fisher's writings were inspired by analysing the "hauntology" of this French philosopher's *Specters of Marx*. This deconstructionist also wrote *Of Grammatology*.

ANSWER: Jacques **Derrida**

<ZF>

TU6. **The structure of this work was inspired by Bach's *Passions*, and a "Rumor scene" in this work quotes *Holiday for Strings*. In a "Gymnopédie" [zhim-NOP-ed-ee] in this work, the title character sings the lines "Nothing is lost, but the sea level has risen fast against the sea wall". The lines "There is so much to get through / it will take until night" appear in this opera's Chorus of (*) Exiled Jews, which follows its Chorus of Exiled Palestinians. This opera's second act opens with the Hagar Chorus, which is followed by a scene in which Rambo asks "are you English?" and Mamoud tells the passengers "now we will kill you all". For ten points, identify this work about the 1985 hijacking of the cruise ship *Achille Lauro* and murder of the title character Leon, the second opera by John Adams.**

ANSWER: ***The Death of Klinghoffer*** (prompt on just Klinghoffer)

<MB>

BS6. This leader founded the *La Nacion* newspaper and was also fluent in Greek. For 10 points each:

[10] Name this leader who penned the book *Historia de Belgrano*. Due to failures during the War of the

Triple Alliance, this leader gave up his position as supreme commander of the allies to the Duke of Caxias [ka-SHEE-ash].

ANSWER: Bartoleme **Mitre**

[10] Mitre was the first president of this South American nation which allied with Brazil and Uruguay against Paraguay in the War of the Triple Alliance. Isaac Newell founded a club in this nation which became its first professional football team.

ANSWER: **Argentina** [or Republica **Argentina**]

[10] Early in his career, Mitre was a staunch opponent of this Uruguayan political party that was founded by Manuel Oribe in 1836. This party, which was named after a colour, fought against the Fructuoso Rivera-led Colorado Party during the Uruguayan Civil War.

ANSWER: **Blancos** (or **Whites** or **National Party**)

<ZF>

TU7. Linguist Roberta Frank has demonstrated that the discovery of this location prompted an increase of the use of the word "silver" in translations of Beowulf, and the final resting place of Scyld [SHIELD] Scefing [SHEAF-ing] is thought to be based on this place. Lying along the tidal estuary of the river Deben, prevailing theories suggest that this location is the burial place of Raedwald, a 7th-century king. The initial discovery of this location is credited to amateur archaeologist (*) Basil Brown, under the oversight of Edith Pretty - Ralph [RAFE] Fiennes and Carey Mulligan played Brown and Pretty in a film adaptation of this site's excavation. Once described as the "British Tutankhamen", a helmet found here is now displayed in the British Museum. For 10 points, what is the common name given to a major Anglo-Saxon burial site, discovered in Suffolk in 1938?

ANSWER: **Sutton Hoo**

<AL>

BS7. The Brusselator, the Beaverator, and the Oregonator are all theoretical models for this type of reaction. For ten points each:

[10] Give this general type of reaction, where the concentration of the products undergoes periodic changes. These reactions can sometimes be obtained by modifying clock reactions, like for example the Briggs-Rauscher reaction or the Bray-Liebhafsky reaction.

ANSWER: **oscillatory** reactions (accept word forms)

[10] Many oscillatory reactions rely on the fact that one of the products of a component reaction act as one of these substances for another component. These substances lower the activation energy for a reaction, but are unchanged at the end.

ANSWER: **catalysts**

[10] This type of nonlinear oscillatory reaction named for two Soviet scientists uses a bromate oxidiser and often a cerium catalyst. One example is the reaction of malonic acid and potassium bromate.

ANSWER: **Belousouv-Zhabotinsky** reaction <MB, Chemistry - Inorganic>

<MB>

TU8. Inspired by mediaeval pageantry, the Earl of Eglinton donated a red leather belt as the prize at the first edition of this sporting event, organised by James Ogilvie Fairlie. The tradition of the winner having their name engraved on this event's trophy was retired in 1967, when the Argentine winner refused to do it. The venue that hosted this event for the first twelve years has not hosted it since 1925; that venue is Prestwick. One venue in this event's hosting rotation has been unofficially removed due to its (*) controversial owner, and Jean van de Velde's triple-bogey at this event's final hole in 1999 has been called the worst collapse in golf. For 10 points, what golf championship event is the only one of the four Majors held outside the United States?

ANSWER: The **Open Championship** [accept "**British Open**" or just "The **Open**"]

<RJ>

BS8. Ask Me Anything. No, wait, I'm asking you things, sorry, got confused there. For 10 points each, answer some questions on Reddit AMAs that didn't go as planned:

[10] A particularly poor AMA came in 2012, when Woody Harrelson took to Reddit in promotion of this film. Harrelson and his PR's insistence on focusing on the movie meant the thread descended into a mess very quickly.

ANSWER: Rampart

[10] James Corden took to the AMA subreddit for a primetime special of *Carpool Karaoke*, a spin-off segment from this talk show previously hosted by Corden. He was savaged as appropriate for somebody with his lack of talent.

ANSWER: *The* Late Late Show

[10] This rapper was battered by Redditors asking questions about his charity, Yele Haiti, which went out of business in 2012 having apparently donated almost no money at all.

ANSWER: Wyclef Jean

<RJ>

TU9. **In one story, this figure is taunted into fighting the Chaos Beasts by an old man, who is later revealed to be the baboon this figure saw at an oasis. The only enemy of this figure to survive their combat is known only as "The Assassin", but believed to be this figure's brother. This figure was tattooed to mimic his brother's birthmark, and won a contest of five divine champions to heal his daughter (*)** Calliope. This figure's skin is stained white with the ashes of his wife and daughter, leading to his title of "Ghost of Sparta", and he gains his other title after killing Ares. The father of the giant known both as Loki and Atreus, for 10 points, name this figure, the protagonist of the *God of War* series of video games.

ANSWER: Kratos [accept Fárbauti or Stríðsguð, prompt on God of War before said]

<EBL>

BS9. You should know they're called surahs by now, but how *much* do you know about the 114 verses of the Qur'an? For 10 points each:

[10] No matter where they were revealed, all surahs are grouped into categories named for these two holiest cities in Islam, depending on whether they were revealed before or after the Hijrah.

ANSWER: Mecca and Medina [prompt on either alone]

[10] Every surah but one begins with this phrase, meaning "In the name of God, the Most Gracious, the Most Merciful", and commonly referred to by a single-word name from its first two words in Arabic.

ANSWER: Basmala [accept Bismala, Tasmiyyah, or Bismillah ar-Rahman ar-Raheem]

[10] Comprising only ten words over three *ayat*, this is the shortest surah in the Qur'an, It deals with the gifts given to Muhammad by God, and the worship due in return.

ANSWER: surah al-Kawthar [accept Abundance, Bounty, Plenty, or surah 108]

<EBL>

TU10. Moderator note to players: two answers required.

Carl Ludwig Fernow criticised a work depicting these two figures, saying "you must run around it...look at it again and keep getting lost". Discovered during excavations at Hadrian's Villa, a work depicting these two figures was donated to the Capitoline Museum by Pope Benedict XIV. The figure of Modesty stands behind these two figures in a painting by Jean-Baptiste Greuze [GRURZ], which depicts one (*) crowning the other. Fragonard painted one of these figures receiving gifts from the other and showing the gifts to their sisters - although the work illustrates a tale from Apuleius' [APP-you-LEE-us] *Golden Ass*, Fragonard based the work on Jean de la Fontaine's retelling. Antonio Canova sculpted one of these figures being Revived by the other's Kiss - for 10 points, what two figures from Greek mythology are the deities, respectively, of erotic love and of the soul?

ANSWER: Cupid and Psyche (accept Eros or Amor in place of "Cupid")

<RJ>

BS10. In 2015, Bowers et al observed a gamma ray flash inside this one of these regions. For 10 points each:

[10] Identify these regions that are part of a much larger system, and are the location of mesovortices [MEE-so-VOR-tiss-eez]. When these regions become unstable, they undergo namesake replacement cycles.

ANSWER: **Eyes** (or **Eyewalls**; Directed prompt on hurricane or cyclone or typhoon or storm with “What specific region of the hurricane/cyclone/typhoon/storm?”)

[10] The intensity of a hurricane is measured by the atmospheric form of this force that is measured in millibars, although this force is more commonly measured in pascals.

ANSWER: Atmospheric **pressure**

[10] These fast moving straight-line windstorms that can cause blowdowns are sometimes known as “inland hurricanes”. These systems only occur in warm weather and typically form in a bow echo shape.

ANSWER: **Derecho** [de-RAYCH-o]

<ZF>

TU11. **Whilst on a ride through Plain County, this character becomes enraged at the sight of a yellow flag amongst mulberry trees. This character escapes one encounter after his hexmarked steed, which he repeatedly cursed, leaps over the Tan Stream. With two of his companions, this character attempts to visit a thatched cottage three times in order to recruit the (*) “Sleeping Dragon.”** This Imperial Uncle is told by his antagonist that “The only heroes in the world are only you and I.” This character employs the “Five Tiger Generals”, including Ma Chao and Zhao Yun, and at the beginning of a novel swears brotherhood to Zhang Fei and Guan Yu in the Peach Garden Oath. For 10 points, name this leader of the Shu Han kingdom who is rivals with Cao Cao [TSOW TSOW] in *Romance of the Three Kingdoms*.

ANSWER: **Liu** Bei (or **Liu** Pei or Liu **Xuande**)

<ZF>

BS11. Jordan Peele and Keegan-Michael Key aren’t the only ones to be big names in comedy. For 10 points, here are some more questions about African-Americans and sketch shows:

[10] Created by Robin Thede [FEE-dee] and starring her alongside multiple other female African-American comedians, this appropriately-named series is notable for having a writers’ room composed entirely of black women.

ANSWER: A **Black Lady Sketch Show** [prompt on partial answers]

[10] Including the wholesome gang war between the Stratford Soldiers and the E19 Posse, this British sketch series is entering its third series on BBC3. Samson Kayo was nominated for Best Male Performance in a Comedy at the 2018 BAFTA Awards for his work in this series.

ANSWER: **Famalam**

[10] The series In Living Color provided a launching pad for the careers of, among others, Jamie Foxx, Jennifer Lopez and this white comedian, who appeared in all five seasons and parlayed it into starring roles in The Mask and Dumb and Dumber.

ANSWER: Jim **Carrey**

<RJ>

TU12. **This choral work was played during the signing of the 2019 peace accords between the insurgent RENAMO movement and the government of Mozambique. The Angel City Chorale memorably performed this piece on America's Got Talent in 2018, earning a golden buzzer from Olivia Munn. In 2011, six years after its first release, this piece won a Grammy award for (*) Best Instrumental Arrangement Accompanying Vocalists; that was the first win for composer Christopher Tin and the first and only Grammy for any piece of videogame music.** For 10 points, name either this Swahili-language chorale or the strategy game for which it was the main theme.

ANSWER: Baba Yetu or Civilization IV

<MR>

BS12. One of these beings operates a magical mirror in Lothlórien. For 10 points each:

[10] Name this race whose members include Elrond, Legolas, and Galadriel, all of whom lived during the Third Age. One of these beings named Feanor created the Silmarils.

ANSWER: Elves

[10] The medics Haladdin and Tzerlag are sent on a secret mission to sabotage Galadriel's mirror in this 1999 book by Kiril Eskov. Unlike the source material it is based on, this book asserts that the Uruk-hai were the heroes during the War of the Ring.

ANSWER: The Last Ringbearer [or Posliedniy Kolsenosets]

[10] In *The Last Ringbearer*, this member of the Fellowship lives under house arrest with Eowyn and makes fun of her for using an espresso machine. In the source material, this heir of Denethor II urges Frodo to defend Minas Tirith instead of bringing the ring to Mt. Doom.

ANSWER: Boromir

<ZF>

TU13. **A character in this novel is asked by the patriarch of the Kyrilenko family, a group of White Russian emigres, if Chiang Kai-Shek being captured in the Xi'an [shee-AN] Incident was staged. A character in this novel despises spring "because it does not feel like spring" while getting dinner at the Gourd Restaurant. A photographer in this novel named Itakura dies from gangrene after a botched ear surgery. One of the (*) title group in this novel becomes obsessed with French fashion and wants to study there for university, while another goes with Teinosuke to view the cherry blossoms. The plot of this novel largely centres around Itani trying to find a suitor for Yukiko, who eventually marries Mimaki at the end. For 10 points, name this Juni'ichiro Tanizaki novel about a group of wealthy Osaka siblings.**

ANSWER: The Makioka Sisters (or Light Snow or Sasameyuki)

<ZF>

BS13. People of this ethnicity gathered funds to establish the People's Law Office in 1968. For 10 points each:

[10] Name this ethnic group which launched the Garbage Offensive in New York City to protest poor sanitation on 110th Street. Gang members of this ethnicity also founded the Young Lords in 1968.

ANSWER: Puerto Rican [or Boricuas or Puerto-Rican Americans; Prompt on Latino or Hispanic]

[10] The Young Lords were founded in this midwestern American city that was home to the controversial Cabrini-Green housing project. A 1968 riot over the death of MLK Jr. was launched against this city's mayor Richard Daley.

ANSWER: Chicago

[10] The Young Lords worked with this Civil Rights activist and founded the [emphasise] *first* Rainbow Coalition. This leader of the Illinois chapter of the Black Panther Party was murdered in a 1969 raid in Chicago.

ANSWER: Fred Hampton

<ZF>

TU14. **This video game's lead designer wrote a novel set in the same universe, set twenty years before this game's events, entitled *Sacred and Terrible Air*. Minor characters in this video game include an artisanal dice manufacturer, a character only known as the Racist Lorry Driver, and a dockworker named Call Me Mañana. An early title for this video game was *Torson & McLaine*; the game's title in development, taken from the poem *Reflections*, was (*) *No Truce with the Furies*. The player begins this game as an amnesiac in a room in the Whirling-in-Rags hotel, before meeting Kim Kitsuragi and solving crimes in Revachol [reh-vah-SHOL]. Designed by the ZA/UM [ZOWM] development**

collective, what role-playing game's title comes from the Latin word meaning "I learn" and the final resting place of heroes in Greek mythology?

ANSWER: **Disco Elysium**

<RJ>

BS14. Terry Pratchett hypothesised that monarchy, passing to the heir instantaneously upon the incumbent's death, is transported by superluminal particles - kingons, or possibly queons. For ten points each:

[10] From the Greek for "swift" or "fast", this is the general term for both fictional and hypothetical faster-than-light particles. As well as kingons, the Discworld's sun is also described as one of these, or, in the words of the philosopher Didactylos [dye-DAK-til-os], "a bugger".

ANSWER: **tachyon** [TACK-i-on]

[10] This type of particle was hypothesised as early as Pierre Curie but was the subject of more intense study after Paul Dirac showed that if they existed, electric charge must be quantized; more recent terminology classifies this particle as a dyon with no electric charge.

ANSWER: magnetic **monopole** (do not accept "electric monopole", that's different)

[10] Supersymmetry predicts the existence of superpartners for all types of fermion. Names for these hypothetical superpartners are formed by adding this letter at the start of the name of the original particle.

ANSWER: **S** (creating such wonderful entities as the selectron, the slepton, the smuon, the sneutrino, and the stop squark.)

<MR>

TU15. **This figure fulfilled the prophecy of a man who would leave his homeland as a spirit in order to find a powerful wife, and is believed to have returned to his home in Yaohnanen following his death. The beliefs and practices of this man's followers are known as *kastom*, and one of their leaders said that "If [this man] comes, the people will not be poor...and the garden will be growing very well." This man received a nal-nal, or traditional pig-killing club, in return for a (*) signed photograph in 1980, and was the subject of a Matthew Baylis book titled *Man Belong Mrs Queen*. For 10 points, name this man, the subject of a cargo cult on the Vanuatuan island of Tanna, the late husband of Queen Elizabeth II.**

ANSWER: **Prince Philip, Duke of Edinburgh** [accept either underlined part, accept **Philip of Greece**, **Philip of Denmark**, or Philip **Mountbatten**, prompt on **Man belong Mrs Queen** before said]

<EBL>

BS15. I met a traveller from an antique land, Who said "Two vast and trunkless legs of stone / Stand in the desert ..." This bonus set is not about that kind of poetic feet. For ten points each:

[10] This two-syllable poetic foot is made of an unstressed syllable followed by a stressed one. There are five in each line of the Shelley sonnet I just quoted.

ANSWER: **iamb** (accept **iambic**)

[10] The four-syllable foot the paeon [PAY-on], of which one syllable is long and three short, is very rare in English verse; its most famous appearance is probably in this poet's dramatic "Lepanto".

ANSWER: GK **Chesterton**

[10] Much traditional Japanese verse is counted not in Western-style feet but in this type of prosodic unit, often incorrectly translated, especially when discussing haiku, as "syllable".

ANSWER: **on** (accept **onji**, grudgingly accept **mora** or **morae**)

<MR>

TU16. **Kozlov and Bychkov designed a turbine powered by this phenomenon, which was modified to include Savonius rotors by Ito et al. The rotor ship *Buckau* was the first vehicle to use Flettner rotors, which operate via this phenomenon. A "reverse" or "inverse" version of this phenomenon**

occurs at speeds in the drag crisis region when one boundary layer is turbulent and the other is laminar. For a cylinder in an inviscid [in-VIS-kid] irrotational flow, the force from this phenomenon is 'minus rho U Gamma' and is known as the (*) Kutta-Joukowski [jou-KOV-sky] lift. Although Newton observed this phenomenon while watching tennis, this effect is named after a German scientist who investigated it in the context of ballistics. For ten points, name this eponymous effect in which a spinning object moving through a fluid experiences lift in a direction perpendicular to the flow.
ANSWER: **Magnus** effect (prompt on Kutta-Joukowski lift/theorem before read)

<MB>

BS16. A 2003 book on this sport notes how one position is either the "martyr" or "punching bag". For 10 points each:

[10] Name this sport that titles Edward Galeano's book [*this sport*] in *Sun and Shadow*. Galeano notes Jose Andrade's 5 caps for Uruguay at the 1924 Olympics was "the first time Europe saw a black man play <this sport>".

ANSWER: **Football** (begrudgingly accept **Soccer**)

[10] Galeano is best known for this 1971 work in which he argues against modernization theory by stating that the title region was a victim of European and American corporatism.

ANSWER: **Open Veins of Latin America** (or *Las venas abiertas de America Latina*)

[10] This poet and leader of *nueva cancion* is celebrated as a folk hero among Chilean football fans for his opposition to the Pinochet regime in Chile. This poet and songwriter composed the poem *Estadio Chile* days before his death.

ANSWER: Victor **Jara**

<ZF>

Note to read to players: Two answers required.

TU17. **In one story, the meat of the bear shot by one of these figures is given to the other, while the first is only allowed to eat dog meat. Later, after his sight has been restored by a bird licking his eyes, that one of these figures kills their shared grandmother by harpooning a whale and letting it drag her underwater, where she becomes the first narwhal. In another story, one of these figures sexually assaults the other, after which she puts (*) soot on her face to mark her attacker, explaining his smudged appearance. Once he is revealed as her attacker, this brother and sister chase each other holding torches, although the brother's goes down to embers.** For 10 points, what pair of celestial bodies have followed each other across the sky ever since?

ANSWER: the **sun** and the **moon** [both parts required, prompt on partial, accept **Taqiq** and **Siqiniq**, **Tarqiup Inua** and **Malina**, or **Aningaak** and his **sister**]

<EBL>

BS17. Depressingly, as he grew older this artist's anti-Semitic views intensified and began to be reflected in his works. For 10 points each:

[10] This artist's *Portraits at the Stock Exchange* - a work commissioned by Ernest May, a Jewish banker - contains depictions of background figures very similar to the anti-Semitic cartoons common in Paris at the time.

ANSWER: Edgar **Degas**

[10] Degas was also prone to misogynistic comments, saying "No woman has the right to draw like that" when viewing this artist's *Two Women Picking Fruit*. Nonetheless, this artist was instrumental in helping Degas grow his reputation in America.

ANSWER: Mary **Cassatt**

[10] Even Degas' art was not universally admired - a piece depicting one of these people, who Degas is often associated with painting, was decried by some critics for its "appalling ugliness".

ANSWER: **Dancer** (accept similar like **ballerina** - the painting is *Little Dancer of Fourteen Years*)

<RJ>

TU18. **An eleventh-century woman with this name, usually titled "of Flanders", owned a spectacular matched set of Latin gospels written in England; she was the sister-in-law of Harold Godwinsson. The twelfth-century *Speculum Virginum* includes an illumination depicting a figure of this name along with a personification of Humility. That same person of this name is the subject of an Old English homily by Aelfric of Eynsham, alongside two others on Esther and the Maccabees, and is notably also the titular protagonist of an Old English (*) alliterative poem attributed to Cynewulf [KIN-e-wolf] and found in the same manuscript as *Beowulf*. That poem changes a key detail of its source to have this woman displaying the head of their dead general to the Assyrian army. For ten points, name this Old Testament heroine who decapitated Holofernes [hol-o-FER-neeZ].**

ANSWER: **Judith** (accept **Yehudit** if someone somehow comes out with it)

<MR>

BS18. Laura Mulvey suggested that just as there had once been a before and after *Citizen Kane*, there was now also a before and after this film. For 10 points each, answer some questions on the 2022 Sight and Sound poll:

[10] Beating *Vertigo* by seven votes, this film was voted the greatest of all time and was directed by Chantal Akerman. You only need to give the first two words of the title.

ANSWER: **Jeanne Dielman, 23 quai du commerce, 1080 Bruxelles** (if anybody tries to give the full title and makes a mistake in the bits that aren't underlined, do not give them the points)

[10] Ranked 60th on the list, *Daughters of the Dust* was directed and written by this woman. Notably, it was the first feature film directed by a black woman to receive a full theatrical release in the US.

ANSWER: Julie **Dash**

[10] Clocking in at #50, *The Piano* earned Jane Campion this prestigious film award, making her the first female director to be so honoured by the Cannes Film Festival.

ANSWER: **Palme d'Or**

<RJ>

TU19. **More than 1,300 Kosovans performed this action in protest against the League of Communists of Serbia, which led to the resignation of three leaders. Marion Wallace Dunlop is believed to be the first member of a movement to perform this action, after which this practice became a common tactic. Jatin Das was joined in this action by (*) Bhagat Singh, who wrote the essay "Why I Am An Atheist" after Das' death. An Act of Parliament designed to counter this action was euphemistically titled the Prisoners (Temporary Discharge for Ill-Health) Act 1913, but became better known as the Cat and Mouse Act. One person performing this action was elected as a member of Parliament mid-way through, before his death in May 1981. For 10 points, what act of non-violent resistance revolves around fasting?**

ANSWER: **Hunger strike** (accept "**fasting**" or similar)

<ZF>

BS19. Wikipedia notes dryly on a page about a particular work that "Latin is an exact language for obscene acts", no matter how much classicists from the early Middle Ages to the present day have attempted to cover this up. For ten points each:

[10] Give the author AND index number of this Latin poem, frequently censored in teaching editions until well into the twentieth century, which makes vivid sexual threats to two of the author's rivals, Marcus Furius Bibaculus and Marcus Aurelius Cotta Maximus Messalinus.

ANSWER: **Catullus 16** (accept **Catullus' sixteenth**) (name and number both required; prompt if only one of them is given alone but do not prompt on an answer with one half right and the other wrong)

[10] Later editions of this poet's *Ars Amatoria* and some episodes of his *Metamorphoses* were routinely expurgated or published with incomplete translations on the grounds that they might encourage the reader to commit immoral acts.

ANSWER: Publius **Ovidius** Naso

[10] Though it inspired Offenbach, Chagall [sha-GAHL], and Ravel, this only surviving work by Greek-speaking Roman author Longus was not published in unexpurgated modern English until the 1950s.
ANSWER: *Daphnis and Chloe* (or *Daphnis kai Chloe*)

<MR>

TU20. Since 2014, Anna Hicks has noted how landslides on this archipelago have raised a discussion on relocating a field called the Potato Patches. To protect a bunting endemic to this archipelago, in 2019 it announced an eradication plan of invasive mice, which grow 50% larger than all other mice in the world. The flag of this archipelago depicts its coat of arms which has four yellow nosed albatrosses in the centre flanked by two rock lobsters on each side. This archipelago, which names a type of hotspot thought to have formed the Walvis (*) Ridge, notably cannot be reached by plane as it has no airstrip. Gough Island and the Nightingale Island make up this archipelago, whose largest settlement is Edinburgh of the Seven Seas. For 10 points, name this British Overseas Territory, an archipelago in the Southern Atlantic that is the most remote in the world.
ANSWER: Tristan da Cunha [CUNE-ya] [or Tristan]

<ZF>

BS20. This movement claimed that all humans had the ability of absolute free will in a doctrine they labelled "Partial Depravity." For 10 points each:

[10] Name this branch of Protestantism that was founded by a former student of John Calvin in the early 1600s. This branch denounced predestination and also received support from English Anabaptists.

ANSWER: Arminianism [or the Remonstrants]

[10] Followers of Jakob Arminius were primarily active in this state that was ruled by stadtholders from the House of Orange. A later leader of this state would come to power in England alongside Mary II in the Glorious Revolution.

ANSWER: Dutch Republic [or The United Provinces of the Netherlands]

[10] As relations between the Arminians and the Calvinists reached a boiling point, the Dutch Reformed Church called one of these meetings to resolve the dispute. In the 7th century, one of these meetings called at Whitby centred around when Easter would be celebrated in Northumbria.

ANSWER: Synod of Dort

<ZF>

Tiebreaker

Josh Barnett gave mixed martial artist Shayna Baszler [BAYZ-ler] this nickname, which she carried over into her professional wrestling career; this nickname was also given to the Russian noblewoman Natalya Golitsyna. Hermann accidentally kills an elderly countess in a short story with this title, before going insane. After accepting the commission from the Imperial Theatre, Pyotr Tchaikovsky wrote the score for an opera with this name in 44 days. A common house rule in Crazy Eights is that after this card is played, the next player must pick up five cards; in Hearts, a player with this card scores 13 points unless they also take all 13 hearts in the deck, which is known as "shooting the moon". For 10 points, what royal playing card names a short story about the evils of avarice, written by Alexander Pushkin?

ANSWER: The Queen of Spades

<RJ>