

MKVITRA: The Undiscovered Content

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Packet 7: Assuming Australia Is An Island

TU1. **Juana Azurduy [ath-er-DOY] was posthumously named part of this group of people in 2009, while another member of this group led the Admirable Campaign during which he issued the Decree of War to the Death. The name for this group of people was first given by the citizens of Mérida and later confirmed by an 1813 proclamation in (*) Caracas.** It's not the Catholic church, but one person who belongs to this group of people issued the Cry of Dolores. This group names major avenues in Buenos Aires and Montevideo, and also gives its name to the most prestigious club football competition in South America. For ten points, name this group of people that includes José de San Martín [mar-TEEN] and Simón Bolívar, and who led the wars of independence in Latin America.

ANSWER: The **Libertadores** [lee-bert-a-DOR-ez] (before it is read, accept **people who led the wars of independence in Latin America** or clear knowledge equivalents. Prompt on revolutionaries)

<PA>

BS1. One work by this artist depicts a gigantic woman holding an egg, which some art scholars have linked to Hieronymus Bosch's use of the egg in his works. For 10 points each:

[10] *The Giantess, or The Guardian of the Egg*, is a 1947 painting by this surrealist artist. English by birth, this artist spent most of her adult life living in Mexico City.

ANSWER: Leonora **Carrington**

[10] In 1963, Carrington was asked to create a work based on indigenous Mexican folk stories. The result, *El Mundo Magico de los Mayas*, was an artwork of this type, many of which were painted by Diego Rivera.

ANSWER: **Murals** (accept **Fresco** or **Wall paintings**. Prompt on Street art)

[10] A 1947 exhibition of Carrington's work was organised by this English poet, who was a major patron of surrealist art. Rene Magritte's *Not To Be Reproduced* is a portrait of this person, albeit one where their face is unseen.

ANSWER: Edward **James**

<RJ>

TU2. **It's not Paris, but this city's Arc de Triomf was built in redbrick for a World's Fair. The first public exhibition of *Nude Descending a Staircase No. 2* took place at the Galeries Dalmau in this city. One museum in this city is housed in five mediaeval palaces and holds all 58 of the *Las Meninas* series. A rat with a camera decorates the facade of a house on this city's (*) 'block of discord'. In a park in this city, the entrance to a hypostyle room is guarded by a large mosaic salamander. A modernist Pavilion in this city decorated with onyx and travertine was designed by Lilly Reich and Ludwig Mies van der Rohe and included specially designed chairs.** For ten points, identify this city containing the Antoni Gaudí-designed Casa Vicens, Parc Guell, and Sagrada Família.

ANSWER: **Barcelona** [*Nude* was first presented in Paris, but that wasn't a public exhibition. The rat is on the Casa Amatller.]

<MB>

BS2. Arrogance in sport only pays off if you win. Otherwise you'll look like a fool and people will have to answer questions about your hubris. For ten points each:

[10] British runner Steve Ovett thought he'd win the 1500m race at Moscow 1980, claiming he had a 90% chance of getting the gold. He had to settle for bronze instead, behind this fellow British runner, later chairman of the British Olympic Association.

ANSWER: Sebastian **Coe**

[10] At the Turin Winter Olympics, this snowboarder held a three-second lead before failing to execute a trick on her second-to-last jump and falling, having to settle for silver in the snowboard cross. 16 years later, she avoided such hubris and won gold.

ANSWER: Lindsey **Jacobellis**

[10] Cricketer Tony Grieg claimed before the 1976 series that he would make this team "grovel". Instead, this team comprehensively beat England 3-0 to gain the Wisden Trophy.

ANSWER: **West Indies**

<PA>

TU3. An April Fool's joke video review created by Hbomberguy of this video game contained three minutes of analysis and 37 minutes of Patreon credits slowly rising up the screen. A popular mod for this video game turns recurring enemies into flying versions of Macho Man Randy Savage. The meme nicknamed the Rorikroll involves unrelated video clips cutting to a (*) black screen before transitioning into the intro sequence from this video game. Guards in this video game became infamous for repeating the quote "I used to be an adventurer like you, but then I took an arrow to the knee". "Goddammit Todd, you did it again" often accompanies memes about, for 10 points, this sandbox RPG created by Bethesda Studios, the fifth in its series.

ANSWER: The Elder Scrolls: **Skyrim** [prompt on The Elder Scrolls]

<RJ>

BS3. Defined at its most narrow, only four poems fit into this literary movement. For 10 points each, answer some questions about the Graveyard School of poetry.

[10] One of the aforementioned four is this poem, written by Thomas Gray in 1751, which begins with the line "The curfew tolls the knell of parting day".

ANSWER: **Elegy** Written in a **Country Churchyard** (accept answers that include the bolded parts but make errors on the middle words)

[10] John Keats is sometimes seen as a Graveyard Poet for a poem of this type written *on Melancholy*. Keats famously wrote five poems of this type in 1819, including ones *to a Nightingale* and *on Indolence*.

ANSWER: **Odes**

[10] The earliest poem of the four, *A Night-Piece on Death*, was written by this poet. A friend of Alexander Pope and Jonathan Swift, this poet was one of the group who used the joint persona Martinus Scriblerus.

ANSWER: Thomas **Parnell**

<RJ>

TU4. First explained by Jerry B. Harvey, the Abilene paradox is an example of this phenomenon in action. Robert Baron proposed a "ubiquity model" that argued against early work on this phenomenon, which was first named by William H. Whyte. Irving Janis performed early work discussing this phenomenon, using Japan's attack on Pearl Harbour and the Bay of Pigs as case studies in his 1972 book. This phenomenon is characterised by eight (*) symptoms, grouped into the types "overestimation of power and morality", "closed-mindedness" and "pressure toward uniformity". Peer pressure and the desire for conformity by individuals can lead to this phenomenon, whose name was inspired by the construction of Newspeak words in 1984. For 10 points, what portmanteau word describes a situation where the desire for cohesion and harmony lead a collection of people to make sub-optimal decisions?

ANSWER: **Groupthink** (prompt on peer pressure or conformity before they are read out with "I need a specific term")

<RJ>

BS4. It's safe to say that footballers and Twitter have had a fractious relationship. For 10 points each:

[10] This former Everton goalkeeper has allowed activists and representatives of good causes to take over his Twitter account to signal boost their message, although made the mistake in 2018 of allowing a takeover from members of an... adult community.

ANSWER: Neville **Southall**

[10] On the other side of the political spectrum, Matt Le Tissier claimed he was sacked from his role with Sky for being a "realist" about this recent event. According to his tweets, patients in an Italian hospital were "actors".

ANSWER: The **Covid pandemic** (or clear equivalents)

[10] On a lighter note, Jimmy Leadbetter (33 years old with skin like leather) defeated Birger Stenman (27 and almost entirely bald) in the FA Cup Final as run by a Twitter account entitled "80s Footballers" doing this.

ANSWER: **Ageing Badly** (accept descriptions, within reason)

<RJ>

TU5. While studying thin layers of these substances, Klaus von Klitzing noticed a series of plateaus in a plot of Hall voltage against the applied magnetic field. According to the band theory description, the Fermi level of this type of material lies within its bandgap. A Schottky barrier (*) is formed between the bands when this material is at a junction with a metal, and when two of these materials with mismatched band gaps meet they create a heterojunction, which can be used in the production of solar cells and lasers. The intrinsic type of this material can be made p-type or n-type with doping. Gallium arsenide, germanium and silicon are all examples of what type of material, used in the production of electronic components such as diodes and transistors?

ANSWER: **Semiconductors**

<RJ/RC>

BS5. In 2022 Belgium debuted a new design of passport featuring designs on this theme, which one EU official tweeted were "a reason to become Belgian." For ten points each:

[10] This two-word name is normally used for the genre of French-language comic strip that originated from Belgium in the 1940s; Tintin, featured on the passport, is among its most famous examples.

ANSWER: **bande dessinée** (accept **BD**)

[10] The passport design features a newly commissioned illustration of one of these small blue behatted creatures looking at a globe.

ANSWER: The **Smurfs** (or Les **Schtroumpfs**)

[10] The inside cover of the new passport features the iconic red-and-white rocket from this pair of Tintin books. You may give the French or English title of either book.

ANSWER: **Destination Moon** or **Explorers on the Moon** (or **Objectif Lune** or **On a marché sur la Lune** - they do not need to give both)

<MR>

TU6. In 1086, Urban II issued the papal bull *Cum universis sancte*, which stated that this kingdom's monarch could only be excommunicated by the pope personally. After a monarch of this kingdom imprisoned the pretender Charles of Viana, the Consell de Cent funded an expedition of Rene of Anjou against it. This kingdom's 1282 intervention in the War of the Sicilian Vespers led it to take control of the Kingdom of Sicily under its monarch (*) Peter III. A princess of this kingdom was the first woman named as an ambassador to another European nation, in this case England. Until its union with a kingdom to its west, this kingdom controlled the island of Ibiza and had capital at Zaragoza. For 10 points, name this kingdom on the Iberian peninsula, whose king Ferdinand II married Isabella of Castille.

ANSWER: Kingdom of **Aragon**

<ZF>

BS6. Answer the following about philosophers and concepts that have influenced the modern Chinese Communist Party. For 10 points each:

[10] Speeches by Xi [SHEE] Jinping have referenced this 4th century BCE philosopher's concept of "fixing the standards." This administrator of Duke Xiao [SHYOW] during the Warring States Period laid the foundations for the Legalist school.

ANSWER: **Shang** Yang [Or Lord **Shang**]

[10] The CCP attempts to reconcile Xi-ism with this virtue promulgated by Confucius about giving respect to one's parents and ancestors.

ANSWER: **Filial piety** [or **Xiao**]

[10] This moderate faction of the CCP, whose members included Bo Xilai [shi-LYE], [shi-LYE] argues for free markets in China mixed with socialist thought. Frankfurt School philosopher Herbert Marcuse is considered the father of another movement known by this two word term.

ANSWER: Chinese **New Left**

<ZF>

TU7. Documents declassified in 1984 revealed that members of this group were placed in Canadian internment camps during the Second World War. A book released by this group printed the word "you" in small capitals to indicate a plural addressee, and was released at Yankee Stadium. Activities considered "serious sins" by this group include hypnotism, phone sex, and political activity. Members of this group are required to complete a monthly (*) Field Service Report, justified by the use of precise numbers in many Bible passages. This group rejects the existence of any form of hell, referring to it instead as "the common grave", and publications by this group state that the second coming of Christ began in 1914. For 10 points, name this US-based Christian denomination, known for conscientious objection and evangelism, who worship at Kingdom Halls.

ANSWER: **Jehovah's Witnesses** [accept **JW**]

<EBL>

BS7. This condition supposedly "swamped the distress committee" according to Francis Chandler. For 10 points each:

[10] "Labour hoarding" creates this economic condition that peaked in the United Kingdom during the 2008 financial crash. This condition affects an "overqualified" workforce, such as a holder of a masters degree working at Tesco.

ANSWER: **Underemployment**

[10] Cyclical underemployment or unemployment is named after this British economist who advocated heavy government spending during times of recession. This economist coined the term "animal spirits."

ANSWER: John Maynard **Keynes**

[10] This country has an insane 64% unemployment rate for youth, which the government attempted to fix with the 2021 Presidential Employment Stimulus. This country's BEE affirmative action program is also used to combat unemployment.

ANSWER: Republic of **South Africa**

<ZF>

TU8. *The Surgeon's Mate*, a 1617 book by military surgeon John Woodall, is among the earliest texts that refer to this substance's medicinal use. This substance is a co-factor for the hydroxylation [hy-DROX-ile-AY-shun] of trimethyl-lysine in the first step of carnitine [CARN-it-een] biosynthesis. Bats, guinea pigs and some primates including humans cannot synthesise this substance from (*) glucose as they lack a functioning gene named GULO. This anti-oxidant is a key co-factor for collagen biosynthesis, which is why people deficient in it suffer from poor wound healing and gum disease. Linus Pauling incorrectly believed that megadoses of this substance could prevent colds and cure cancer. For 10 points, identify this substance, also known as ascorbic acid and successfully used to cure scurvy.

Answer: **Vitamin C** (accept **ascorbic acid** before read)

<RJ>

BS8. Lichen are an example of this thing, as their sensitivity to nitrogen levels in the air can highlight changes in air quality. For 10 points each:

[10] This term refers to a species whose presence, abundance or absence in a region reflects the state of the environment, or a characteristic of it. River otters are another example and can be used to identify toxin levels in water.

ANSWER: **Indicator** species

[10] This annelid [AN-el-id] known as the sludge or sewage worm is an indicator for water pollution. Unusually, this worm's presence in water indicates HIGHER pollution levels as it is much more tolerant of poor quality habitats.

ANSWER: **Tubifex tubifex**

[10] Both the red and the sugar species of this genus of trees are also indicators. In taxonomy, this genus is known by the name *Acer*.

ANSWER: **Maple**

<RJ>

TU9. A tactical RPG developed for the PSP by Level 5 was named for this person and loosely based on their life. The lexicographer E. Cobham Brewer postulated that this person was not executed, based on records discovered more than 300 years after their life. A recent restoration of a six-hour Jacques Rivette film about this figure separates it into two acts called (*) "The Battles" and "The Prisons." This figure was supported by such people as Jean d'Alençon [dal-on-SON'], and in a 1928 film, they have their head shaved by the Inquisition and are helped by a friendly academic played by Antonin Artaud. That movie is about this woman's "Passion". For 10 points, name this French peasant woman who fought against the English during the Hundred Years' War, known as the Maid of Orleans.
ANSWER: **Joan of Arc** [or **Jeanne d'Arc**, prompt on partial]

<ZF>

BS9. This location is noted as being "very popular with the people from the agricultural districts" in an 1866 letter to *Punch*. For 10 points each:

[10] Identify this location whose "festive warders in their red flannel jackets" enamoured the American writer Artemus Ward. Ward notes that he was baffled as to why people at this location would "sob over events that occurred during the reign of Henry the three."

ANSWER: **Tower of London** [Directed prompt on **London** by asking "What building in London?"]

[10] While living in this area of Northwest London in 1900, an American writer said "it comes nearer to a paradise than any home." This area, which is located in the borough of Brent, contains Gladstone Park.

ANSWER: **Dollis Hill**

[10] That American who lived in Dollis Hill was this author who wrote about his travels in Europe in *The Innocents Abroad*. This author also penned *The Adventures of Huckleberry Finn*.

ANSWER: Mark **Twain** [or Samuel **Clemens**]

<ZF>

TU10. Michael Gomez has suggested that a predecessor to this ruler, named Sakura, was a fictional figure created to parallel this ruler so as to criticise them "safely". A major event in this person's life is speculated to have been performed in repentance for killing their mother, as recorded in the Tarikh al-Fattash. This person was depicted holding a fleur-de-lys and a golden orb by Abraham Cresques on the (*) Atlas of Catalan. When one of this person's four wives said she missed being able to swim in the river each night, this ruler had a swimming pool constructed for her in the Sahara. This ruler gave away so much gold on his pilgrimage to Mecca that it caused a crash in its price; for 10 points, which Malian [=of Mali] emperor is reputed to be among the richest people in history?

ANSWER: Mansa **Musa** (accept **Musa the First**, do not accept or prompt on “Mansa” alone because that’s just a royal title)

<RJ>

BS10. The opening melody of this work is based on the Lithuanian folk song *Tu, manu seserėlė* [sess-e-REH-leh]. For ten points each:

[10] Name this ballet, which opens with a bassoon solo written in an extremely high register which begins with the notes [read slowly] C-B-G-E-B-A.

ANSWER: *The **Rite of Spring*** (or *Le **Sacre du Printemps***)

[10] *The Rite of Spring* is by this composer, whose other ballets include *The Firebird* and *Petrushka*.

ANSWER: Igor **Stravinsky**

[10] In the *Spring Rounds* episode of *The Rite of Spring*, the young girls take part in this ancient Russian pagan ritual, a combination of choral singing and circle dance.

ANSWER: **Khorovod** [kho-ro-VOD]

<MB>

TU11. **In one folktale, a woman turns into one of these creatures after being lied to and abandoned by a monk she fell in love with, and kills him when he hides inside a temple bell. As well as Kiyohime [KI-yo-HEE-may], another woman is revealed to be one of these creatures when her husband spies on her giving birth to the father of a future emperor. In one story, the daughter of a namesake god of these creatures is rescued in the form of a turtle by (*) Urashima Tarō, and takes him to her father’s palace, where he keeps two jewels that control the tides. Another one of these creatures contained the sword Kusanagi-no-Tsurugi, revealed when it was beheaded by Susano’o [su-SAN-o-WO]. For 10 points, Ryūjin and Yamata-no-Orochi are examples of what serpentine creatures of Japanese myth?**

ANSWER: **Dragons** [accept **snake**, accept **ryū** until “Ryūjin”, accept **tatsu** or **wani**]

<EBL>

BS11. This figure is worshipped in an abandoned police station in the extremely underrated 2014 film *Last Shift*. For 10 points each:

[10] Name this demon, a king of Hell who rides a dromedary camel. In another film, this demon possesses Charlie, a teenager who dies in the middle of the film.

ANSWER: **Paimon** [or **Bayemon**]

[10] That aforementioned film is this 2018 film directed by Ari Aster about the Graham family being terrorised by a coven led by Joan. At the end of this film, Peter is possessed by Paimon and is venerated by the coven celebrating the demon’s return.

ANSWER: **Hereditary**

[10] Perhaps the most famous on screen demonic possession is in this 1973 film directed by William Friedkin. In this film, Linda Blair plays Regan MacNeil, possessed by Pazazu.

ANSWER: **The Exorcist**

<ZF>

TU12. **A nineteenth-century nun of this surname authored a series of essays on Dante, while another writer with this surname edited the first British edition of Whitman’s poetry. A poet of this surname is commemorated in the calendar of the Anglican Church on 27 April, while that poet’s less religious brother had a pet llama and toucan, which he trained to ride the llama, and was fascinated with wombats. One person of this surname sat as a (*) model for several artists of a movement founded by two of their siblings, the Pre-Raphaelite Brotherhood. Works by poets of this surname include *The Blessed Damozel*, *Goblin Market*, and the poem that became the carol *In the Bleak Midwinter*. For ten points, give the surname of the four literary Italian-British siblings William, Maria Francesca, Christina, and Dante Gabriel.**

ANSWER: Rossetti

<MR>

BS12. QMing takes it out of you, I could use a cocktail now. For 10 points, some questions about a cocktail in music:

[10] In a song popular on TikTok, Angel Laketa sings that after one of these drinks, "imma open my legs", with the singer promising more risqué behaviour the more cocktails she has.

ANSWER: Margarita

[10] In their song *Uno*, this Russian band sing "It's gonna take more than one margarita / I'm gonna call you, my sweet senorita". In 2018, Andrew Neil and Michael Portillo attempted to replicate the dance to this band's song *Skibidi* on *This Week*.

ANSWER: Little Big

[10] This musician sings to his Parrothead fans about "wastin' away again in Margaritaville" in the song of the same name.

ANSWER: Jimmy Buffett

<RJ>

TU13. The first broadcast Vatican mass was aired on a show from this nation, which is still this country's longest-running. Geoffrey Bayldon plays an insane professor imprisoned by Leslie Grantham's title character in a show based on one from this nation. The evil AI XANA is the antagonist of an animated series from this nation, *Code Lyoko*. Hubert Pelligrini frames the central character's father for stealing a diamond necklace in a Netflix series from this nation, which stars (*) Omar Sy as Assane Diop. The last episode of season four of a show from this nation stars Jean Reno, so miserable in his latest role as Santa Claus that he decides to quit acting and leave the talent agency A.S.K. For 10 points, *Dix Pour Cent*, *Lupin* and *Fort Boyard* are all TV series from which European nation?

ANSWER: France (the show in the first line is *Le Jour de Seigneur*, basically France's *Songs of Praise*)

<RJ>

BS13. This event was preceded by a rumour going around of a gold commemorative coin included in an enamel cup, resulting in workers at buffets launching gifts into the crowd. For 10 points each:

[10] Name this May 1896 event where almost 1300 people died as a result of a crowd crush due to rushing towards the buffets. Grand Duke Sergei's strong reputation plummeted after this event because he was the one who organised the festivities.

ANSWER: Khodynskaya [khod-IN-skoy-a] field tragedy (or Khodynka tragedy)

[10] The Khodynskaya field tragedy occurred the same day as the coronation of this Russian tsar. This last tsar from the House of Romanov was taken captive by his own guards while returning from the Eastern front in 1917.

ANSWER: Nicholas II [or Nikolai Alexandrovich Romanov; Accept Saint Nicholas the Passion-Bearer]

[10] The Khodynskaya tragedy inspired this Russian author to write a story about the event in 1898, which was blessedly shorter than *War and Peace*.

ANSWER: Leo Tolstoy

<ZF>

TU14. One of these things in Kobe was constructed with the aid of a ten mile long underground conveyor belt, and an unfinished one of these things near Miami can be seen from the Julia Tuttle Causeway. The Dutch companies Boskalis and Van Oord specialise in the construction of these things. One of these things in Manhattan is named after U Thant [TAHNT], and a brewery based on Fulton Street in (*) Chicago is named after one of these things. For most of the Edo period, one of these things called Dejima was the only point of trade between Japan and the outside world. For ten points, name these man-made objects, which may be combined into archipelagos such as Dubai's Palm Jumeirah.

ANSWER: **Artificial islands** [or **man-made islands** or **reclaimed islands** or any other clear equivalent. Prompt on reclaimed land or land fill. Prompt on just islands. Prompt on polders.]

<MB>

BS14. The first appearance of this figure was in the *Point Pleasant Register*, under the headline "Couples See Man-Sized Bird...Creature...Something". For 10 points each:

[10] Name this cryptid, now an icon of Point Pleasant and West Virginia at large, generally depicted as a tall, winged humanoid with glowing red eyes, but little in common with its namesake insect.

ANSWER: **Mothman**

[10] Further down the coast, this swamp-dwelling cryptid is often seen as Florida's answer to Bigfoot, and is named for its foul odour.

ANSWER: **skunk ape** [accept **Esti Capcaki** from players with truly impressive Seminole knowledge]

[10] Moving back inland, Arkansas has its own smelly swamp-dwelling hairy ape-monster in the form of this cryptid, named for the Arkansas town it was first sighted in.

ANSWER: **Fouke** [FOWK] Monster

<EBL>

TU15. **During the 2023 running of this race, a glitch displayed one driver's best average speed as over three times the Earth's escape velocity. As well as the winner's name, this race's trophy also bears a sculpture of each winner's face. The only time a Ferrari has appeared in this race was in 1952, when it was driven by Alberto Ascari. Since 1974, this race has been held on the Sunday of Memorial Day weekend, along with the Coca-Cola 600 and the (*) Monaco Grand Prix.** Janet Guthrie was the first female driver to qualify for this race but no women led a lap until Danica Patrick in 2005. Emerson Fittipaldi broke this race's tradition by drinking orange juice rather than milk after winning. For 10 points, what prestigious motor-racing event is held at the Brickyard in Indiana?

ANSWER: **Indianapolis 500** [accept **Indy 500**]

<RJ>

BS15. As Jerry said to Elaine, you've been developing quite the acid tongue lately. Please do not put these acids on your tongue. For 10 points each:

[10] A substance is defined as a superacid if it has an acidity greater than this acid, which is created using the Contact process.

ANSWER: **Sulphuric** acid

[10] Named after an American scientist known for his work on superacids, this function is used in organic chemistry to measure acids whose strength goes beyond the pH scale.

ANSWER: **Hammett** acidity function

[10] A superacid known by this adjective is made from a mixture of fluoro-sulphuric acid and antimony pentafluoride. Elsewhere in science, this adjective refers to a number of protons or neutrons that are arranged into complete shells, making the nucleus significantly more stable.

ANSWER: **Magic** acid (accept **Magic** number or similar so long as it includes **Magic**)

<RJ>

TU16. **Critic Ben Brantley called Lisa Dwan "an instrument of <this person>, in that way saints and martyrs are said to be instruments of God" after she performed this person's work in 2014. One of this author's works includes the stage direction "Repeat play", and repeats the previous part in its entirety; the lighting in that work by this person has been described as the "fourth character". That work's English title is just its format, (*) Play.** One of this playwright's female characters is able only to pace back and forth, one is buried up to her waist, and one is legless and confined to a bin, the latter being Nell, a character from *Fin de Partie*, translated into English as *Endgame*. For ten points, name this Irish playwright, the author of *Krapp's Last Tape* and *Waiting for Godot*.

ANSWER: Samuel **Beckett**

<MR>

BS16. In 1922 this person constructed a Fourier [foo-ri-AY] series which diverges almost everywhere. For ten points each:

[10] Name this mathematician. The zero-one law is one of many results named after this Soviet mathematician.

ANSWER: Andrey **Kolmogorov** [kol-MOG-or-off]

[10] Kolmogorov's zero-one law is a theorem in this field of mathematics. Kolmogorov axiomatised this branch of mathematics in terms of measure spaces of total measure 1.

ANSWER: **Probability** theory

[10] Kolmogorov and Gnedenko proved a version of the Central Limit Theorem, which in its classical form states that as the sample size increases, the sampling distribution of the mean approaches this distribution. This distribution's density function is commonly known as a bell curve.

ANSWER: **normal** distribution (or **Gaussian** distribution)

<MB>

TU17. **The psychologist Lee Cronbach used this word to name a method for determining how reliable educational tests could be – the same word follows *Street Fighter* in the name of the game where Charlie, Rose and Dan debuted. In 2020, a politician with this forename won a third term as President of their nation despite the constitution only allowing a two-term limit, and this name is the second word of the name of the Jaeger piloted by (*) Sasha and Aleksis Kaidonovsky in *Pacific Rim*. Jesse Singal credits the popularisation of this adjective to Neil Strauss' 2005 book on pickup artistry, *The Game*, and this name is also used for a composite boson made from two protons and two neutrons.**
For 10 points, what is the first letter of the Greek alphabet?

ANSWER: **Alpha** (the politician is Alpha Conde, of Guinea)

<RJ>

BS17. This foodstuff supposedly "livens the life juices and increases the well-being" according to the writings of Hippocrates. For 10 points each:

[10] Name this foodstuff that was extremely popular in the Achaemenid [a-KEY-men-id] Empire during the spring and summer months. This foodstuff was the main ingredient alongside pasta and rosewater in the dish *faloodeh*.

ANSWER: **Ice** [Accept many clear equivalents here like **ice cream**, **sorbet**, **sherbert**, or **snow**]

[10] Frozen desserts were first introduced to Britain by traders of this civilization based in the cities of Sidon and Byblos. This civilization crushed the shells of Murex snails to make the royal dye Tyrian purple.

ANSWER: **Phoenicia** [or **Phoenicians**]

[10] In 2019, Yale researchers decoded the so-called "oldest recipes" which included this type of dish from Elam called *mu elamutum*. The original recipe for an example of this general type of dish from Ancient Sparta known as *zomos* is now lost.

ANSWER: **Soup** [or **broth** or **stew** or **stock** or **black broth**]

<ZF>

TU18. **A giant alien dome appears in this country in Tade Thompson's *Rosewater* trilogy, and this country is the setting for the 2021 Nebula-winning novelette *O2 Arena*, the first Nebula won by an author from this country. Aliens make first contact with this country in the novel *Lagoon*, an example of the Africanfuturism movement as also seen in the work of this country's Suyi Okungbowa. The novel *Freshwater* is set in this country and centres on Ada, a student inhabited by three (*) ogbanje [og-BAN-jay] spirits. An early English-language speculative novel from this country was the landmark 1962 work *The Palm-Wine Drinkard*. This country inspired the setting of *Children of Blood***

and Bone, by Tomi Adeyemi, which takes place in the nation of Orisha. For 10 points, which West African country was the home of Amos Tutuola and Wole Soyinka?

ANSWER: Nigeria

<MR>

BS18. This industry analyses potential markets through a process called bioprospecting. For 10 points each:

[10] Name this industry which is currently experiencing a boom in the African market through such companies as Tridem. Larger companies in this industry include Sanofi, Takeda, and Pfizer.

ANSWER: Pharmaceuticals [Accept Drugs or Rx; Prompt on Biotechnology and Healthcare]

[10] In March 2022, Tridem announced that they were opening a massive distribution centre in this African city, the country's economic capital. This city's largest hospital is run by the Université Felix Hophouet-Boigny [oof-WAY bwan-YI].

ANSWER: Abidjan

[10] This country's John Magufuli rejected offers for pharmaceutical aid and instead promoted the use of steam huts during the Covid pandemic. When Samia Suluhu took power in March 2021, this country's vaccination rate increased to the 6th most on the continent.

ANSWER: Tanzania

<ZF>

TU19. Note to players: instrument and type of piece required.

The word *passionato* was removed from the marking of a piece in this genre at the encouragement of a composer who later called it "not too incomprehensible". The fourth movement of a Schubert piece in this genre is a 6/8 tarantella, whereas the opening of that piece in this genre is "taken almost note-for-note" from a set of 32 variations in C minor by Beethoven. While the first movement of a work in this genre is marked (*) "as fast as possible", the coda is marked "faster" and the final bars "even faster". That piece by Robert Schumann is his second in this genre, whilst his third is a *Concerto without Orchestra*. For ten points, name this type of solo piece, examples of which composed by Beethoven include the *Waldstein*, the *Appassionata*, and the *Hammerklavier*.

ANSWER: Piano sonatas (prompt on just sonatas, but not if a different instrument is mentioned. Do not prompt on other types of piano piece, e.g. "piano concertos".)

<MB>

BS19. Answer the following about depictions of the *sertão* in literature. For 10 points each:

[10] The *sertão* featured heavily in the writings of Graciliano Ramos, a modernist author from this South American country. Clarise Lispector set *The Passion According to G.H* in this country's city of Rio de Janeiro.

ANSWER: Brazil

[10] This non-Brazilian author wrote about the uprising of inhabitants of the *sertão* in his *The War of the End of the World*. This author wrote about the assassination of Rafael Trujillo [tru-HEE-yo] in *The Feast of the Goat*.

ANSWER: Mario Vargas Llosa [YO-sa] (Prompt on partial. Begrudgingly accept The Marquess of Vargas Llosa)

[10] This Brazilian author used constellations as narrators in his 1956 novel *Corps de Ballet*. This author is better known for retelling the Faust legend in his *sertão*-set novel, *The Devil to Pay in the Backlands*.

ANSWER: João Guimarães Rosa

<ZF>

TU20. **The Epsilon star of this constellation is the brightest known example of the A-p type of chemically peculiar stars, while the Eta star of this constellation is the benchmark for the B3 V [five] subclass of stars. The Delta star in this constellation, Megrez, lies just south of the Hubble**

Deep Field area. A type 1a supernova was spotted in the field of this constellation in January 2014 in the distant galaxy (*) M82. Following an imaginary line from the Alpha star of this constellation, Dubhe [DOO-bie], northward is a common method for finding Polaris, and the seven brightest stars in this constellation form the Big Dipper. For ten points, give the Latin or English name of this second nearest constellation to the north celestial pole, not to be confused with its Little or Minor cousin.

ANSWER: **Ursa Major** (or **Great Bear**. Prompt on **Big Dipper** or **Plough** with "which is a subset of stars in which constellation?". Do not accept "Ursa Minor" or "Little Bear".)

<MR>

BS20. Much of what we know about the Spanish caste system in the Americas comes from namesake paintings, and historians debate whether it was actually enforced or more of a hierarchy they aspired to. For ten points each:

[10] People whose ancestry was a mix of European and indigenous American were described with this term. Martin, the son of La Malinche and Hernán Cortés, is commonly seen as the first example of these people.

ANSWER: **Mestizo**

[10] In the Americas, the term "morisco" described those of mixed European and black ancestry; however, in Europe, the term "morisco" was used for those forced to convert to Christianity *from* this other religion.

ANSWER: **Islam** (accept **Muslim**)

[10] At the top of the pyramid there were Spanish people born in Spain, known as *peninsulares*, and people of wholly European descent but born in the Americas, identified by this term.

ANSWER: **Criollos** [KRI-o-yo]

<PA>

Tiebreaker

Barbara Kruger illustrated a short story by this person as part of a series published by the Whitney Museum, which was later included in this person's collection *Nightmares and Dreamscapes*. Part of the charity band the Rock Bottom Remainers, this person described their lead guitar playing as "energetic but sloppy". Both of this person's sons are also authors, publishing works including the collection *We're All In This Together* and the novels *NOS4A2* [NOS-four-a-two]. This person adopted a pen name to publish a number of his novels in order to find out if his success was down to talent or to luck - those novels include *Thinner* and *The Running Man*, published under the name Richard Bachman. For 10 points, which American author is sometimes nicknamed the King of Horror, for his extremely prolific output and multiple best-selling novels in the genre?

ANSWER: Stephen **King**

<RJ>