

## THIS PAGE

## DELIBERATELY

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## Round 1

| 1a | Most common magnets contain nickel, cobalt, or what other element <br> that gives its name to the phenomenon "ferromagnetism"? | IRON |
| :--- | :--- | :--- |
| 1b | "Sie liebt dich" is the German title of what Beatles song released in <br> German in 1964? This version actually hit 97 on the U.S. Billboard Hot <br> 100. | SHE LOVES YOU |
| 2a | What is the second-largest city in Egypt by population? It's home to the <br> Catacombs of Qom el Shokafa (COAM el sho-KA-fa) known as its <br> namesake "necropolis"? | ALEXANDRIA |
| 2b | Rickey Henderson is the career leader in what statistic, abbreviated <br> "SB" on baseball cards? | STOLEN BASE / STEAL |
| 3a | What Indian television show, originally broadcast in 1987, set the <br> record for most globally watched program when it was re-run at the <br> start of the pandemic lockdown in 2020? The story is based on an epic <br> Sanskrit poem and their titles differ only slightly; either title is <br> acceptable. | RAMANYAN / RAMAYANA |
| 3b | Which eponymous Puccini opera character is the lover of the artist <br> Mario Cavaradossi? | TOSCA |
| 4a | In 326 BCE, which battle was fought by Alexander the Great against <br> King Porus of the Paurava kingdom on the banks of the Jhelum River? | Battle of the HYDASPES |
| 4b | Which long, tapering root vegetable of the daisy family is eaten raw or <br> cooked, and is sometimes called the oyster plant, or vegetable oyster, <br> because of its taste? | $\underline{\text { SALSIFY (acc. Scorzonera or }}$ |

Round 2

| $1 a$ | After the main island itself, which island south of Havana is Cuba's <br> next largest island? Formerly the Isle of Pines, it was renamed for a <br> demographic Castro said had "revolutionized the natural environment." <br> English or Spanish is acceptable. | Isla de la JUVENTUD (accept Isle <br> of YOUTH) |
| :--- | :--- | :--- |
| 1b | What weapon was the nickname of the NFL Europe team based in <br> Scotland? | CLAYMORES |
| 2a | Iterative mutagenesis is the key to what protein engineering process <br> abbreviated "DE"? American Frances Arnold won her Nobel Prize in <br> Chemistry for this process, used to create enzymes. | DIRECTED EVOLUTION |
| 2b | Female conductor Marin Alsop was music director from 2007 to 2021 <br> of what city's symphony, who play at Meyerhoff Hall? | BALTIMORE |
| 3a | Who created the first practical telephone-one of many great <br> inventions of the 1870s-and founded AT\&T in 1885? | Alexander Graham BELL |
| 3b | The nearly-70-year-old Maria Ann Smith first discovered a cultivar of <br> what fruit in her garden orchard in Eastwood, New South Wales in the <br> 1860s? | APPLE |
| 4a | Tyler Perry has made 11 movies starring as the character Madea and <br> almost all of these movies include her name in the title. One exception <br> is the first one, which was based on his play of the same name. What <br> is the title of the first film in the franchise? | DIARY OF A MAD BLACK WOMAN |
| 4b | In the classic novel Anne of Green Gables by Lucy Montgomery, what <br> is Anne's surname? | SHIRLEY |

Round 3

| 1a | What was the title of the beloved British sketch comedy show that <br> aired on the BBC from 1971 to 1988 and starred comedians Barker <br> and Corbett whose shared first name is in the title? | The TWO RONNIES |
| :--- | :--- | :--- |
| 1b | If the word "Recto" refers to the right-hand page of a book, what word <br> refers to the left hand side? | VERSO |
| 2a | Three US Presidents have died on Independence Day. Famously, <br> John Adams and Thomas Jefferson did so in 1826. Who did so in <br> 1831? | James MONROE |
| 2b | Listed at number 2 on DailyArt Magazine's list of most bizarre paintings <br> is Magdalena Ventura with Her Husband and Son. It depicts a bearded <br> lady breast-feeding her child and was painted by which Spanish artist <br> known as Lo Spagnoletto, who worked in Italy? | Jusepe De RIBERA |
| 3a | They don't really give your food taste, like their name may imply, but <br> what class of compounds found heavily in red wine, dark chocolate, <br> and black tea have been shown to reduce dementia risk factors? | FLAVONOIDS |
| 3b | What is the name of the Swedish software company who were the <br> original creators of the popular game Minecraft? | MOJANG Studios |
| 4a | Named after two mayors, Hartsfield-Jackson international airport <br> serves which US city? | ATLANTA |
| 4b | The five-string vihuela (vee-WAY-la) and large bass guitarron are <br> common elements of what musical style that also includes violin and <br> trumpet, and is on Mexico's UNESCO intangible heritage list? | MARIACHI / acc. SON |

## Round 4

| 1a | Which South American dictator (in power from 1973 to 1990) once <br> said: "l'm not a Dictator. It's just that I have a grumpy face"? | Augusto PINOCHET |
| :--- | :--- | :--- |
| 1b | In the title of a 19th century novel by Fyodor Dostoevsky, what is the <br> less than complementary epithet given to the good man Prince Lev <br> Myshkin? It indicates that he is a fool. | The IDIOT |
| 2a | Blancanieves, Sabio, Feliz, and Dormilón are a few of the characters in <br> the Spanish language version of what Disney film? | SNOW WHITE AND THE SEVEN <br> DWARVES |
| 2b | What craft technique is the creation of fabric by interlocking strands of <br> material with a hook? | $\underline{\text { CROCHET }}$ |
| 3a | Often featuring in the works of Gogol and Dostoevsky, which large <br> street is the main thoroughfare in Saint Petersburg? | NEVSKY PROSPEKT |
| 3b | The deep bass of Tim Foust is a memorable feature of the sound of <br> what country a cappella act that won the fourth season of NBC's The <br> Sing-Off? | HOME FREE |
| 4a | Fast algorithms for finding prime numbers, such as that devised by <br> Eratosthenes, are often known by what name for a separating device? | SIEVE |
| 4b | What country is heavily favored to win Group A of the 2022 World <br> Cup? By far the leading goal scorer in the team is Memphis Depay, <br> while Jeremie Frimpong and Xavi Simons may make their first <br> international appearances? | The <br> DUTCH NER the slightly erroneous |

HALFTIME - SWITCH SIDES!

## Round 5

| 1a | Who is the only US President to have been born on Independence <br> Day, in 1872? | Calvin COOLIDGE |
| :--- | :--- | :--- |
| 1b | Listed at number 4 on Daily Art Magazine's list of most bizarre <br> paintings is the Melun Diptych. It depicts Mary as the Queen of <br> Heaven, offering her exposed breast to a man-child looking baby <br> Jesus and was painted by which French artist and inventor of the <br> portrait miniature? | Jean FOUQUET |
| 2a | What was the title of the beloved British sketch comedy show that <br> aired on the BBC from 1987 to 1995 and included the duo who also <br> starred in Jeeves and Wooster from 1990 to 1993? | A BIT OF FRY AND LAURIE |
| 2b | A photo or illustration on the verso page, opposite a title page, is <br> called what? It's also an architectural term for the main face of a <br> building. | FRONTISPIECE |
| 3a | South of Tokyo on the west side of Tokyo Bay, what is the second- <br> largest city in Japan? One of Japan's first open cities, it had Japan's <br> first English newspaper and is also home to a global company that <br> was a joint venture with B.F. Goodrich. | YOKOHAMA |
| 3b | Our love won't wait. What 1960 Elvis Presley single was based on <br> the Neapolitan classic "O Sole Mio"? The Italian translation of this <br> song's new Elvis title might be "E ora o mai piu." | IT'S NOW OR NEVER |
| 4a | One of the strongest magnets is abbreviated "NIB," and contains <br> neodymium as well as what other element that is number 5 on the <br> periodic table? | BORON |
| 4b | Alex Rodriguez is the career leader in what statistic, with 25? This is <br> a home run in which four runs are scored. | GRAND SLAM |

## Round 6

| 1a | Famous for its shops, cafes, and restaurants, which boulevard in <br> Budapest has been a World Heritage Site since 2002? | $\frac{\text { ANDRASSY Avenue (acc. }}{\text { Andrassy ut) }}$ |
| :--- | :--- | :--- |
| 1b | Ahead of the tournament, what country is favored to win Group F of <br> the 2022 World Cup ahead of Croatia? The excellent goalscoring <br> records of Romelu Lukaku and Michy Batshuayi may help. | BELGIUM |
| 2a | Euler used a method similar to Eratosthenes to prove the Zeta <br> function, named eventually for what German mathematician who <br> formalized it more than Euler had done earlier? | RIEMANN |
| 2b | Pentatonix won the third season of The Sing-Off. Name either the <br> bass or the vocal lercussionist who were added to a trio to form the <br> five-piece act? First names are acceptable. Note that the current <br> bass, Matt Sallee, joined in 2017. | $\underline{\text { AVI KAPLAN / KEVIN OLUSOLA }}$ (accept any of the four names) |
| 3a | Who created the first phonograph, one of many great inventions of <br> the 1870s? He would later take credit for other inventions he was <br> less clearly associated with. | Thomas EDISON |
| 3b | John Chapman, born in Massachusetts in 1774, travelled across the <br> U.S. preaching and planting trees. By what name is he usually known <br> today? | Johnny APPLESEED |
| 4a | Tyler Perry played what detective in the 2012 film based on the <br> novels of James Patterson? | ALEX CROSS (accept either) |
| 4b | In the classic novel Emma by Jane Austen, what is Emma's <br> surname? | WOODHOUSE |

Round 7

| 1a | The red color in tomatoes and watermelons comes from what <br> carotenoid pigment that has been shown to reduce blood pressure and <br> cardiovascular disease risk if taken as a supplement? | LYCOPENE |
| :--- | :--- | :--- |
| 1b | Mexicans have used the word norteño to refer to what musical style of <br> the latter half of the 20th century? The accordion of Flaco Jimenez is <br> emblematic of this style, which is named for the Spanish term for <br> residents of a certain US state. | TEJANO |
| 2a | Named after a Navy flying ace, O'Hare International Airport is in which <br> US city? | CHICAGO |
| 2b | What is the name of the Californian software company which produced <br> the Starcraft, Warcraft, and World of Warcraft games? | BLIZZARD Entertainment |
| 3a | What television show that originally ran from 1988 to 1990 regularly <br> tops lists of best Indian TV series ever? It has the same title as a <br> Sanskrit epic poem and starred Nitish Bharadwaj as Lord Krishna. | MAHABHRATA |
| 3b | Which eponymous Verdi opera character is the jester to the Duke of <br> Mantua? | RIGOLETTO |
| 4a | In 331 BCE, which battle fought and won by Alexander the Great led to <br> the fall of the Achaemenid Empire? | GAUGAMELA / ARBELA |
| 4b | What plant, sometimes called sea fennel, grows in rocky salt-sprayed <br> regions of Northern Europe (including Britain)? It's named after Saint <br> Peter, the patron saint of fishermen. | SAMPHIRE |

## Round 8

| 1a | La Cenicienta and El Principe Encantador are characters in the <br> Spanish language version of what Disney film, a major plot point of <br> which centers around La Zapatilla de Cristal? | CINDERELLA |
| :--- | :--- | :--- |
| 1b | What craft technique is the making of textiles via knotting, rather than <br> weaving or knitting? Its name comes from the Arabic root for "striped." | MACRAMÉ |
| 2a | Which African dictator infamously said: "The only white man you can <br> trust is a dead white man"? He died in 2019, aged 95. | Robert MUGABE |
| 2b | In the title of a 19th century novel by Dostoevsky, how are Dmitri, Ivan, <br> and Alexei more commonly known? | The BROTHERS KARAMAZOV |
| 3a | What term for chemistry that is figuratively "perpendicular to a living <br> system"- which can occur in an organism without affecting it-was <br> coined by 2022 Nobel Chemistry laureate Carolyn Bertozzi? | BIOORTHOGONAL |
| 3b | What mythic creature was the nickname of the NFL Europe team <br> based in Barcelona? | DRAGONS |
| 4a | Which island in Baffin Bay is Greenland's next largest after itself? <br> Looking on Google Maps does not reveal any permanent dance <br> establishments. | DISKO Island |
| 4b | Black conductor James DePreist was music director from 1980 to 2003 <br> of what state's symphony, who play at Arlene Schnitzer Concert Hall? | OREGON |

Spare Questions

| 1 | "Imazighen" (ee-MA-zee-hun) is the local name for what ethnic group <br> indigenous to North Africa's Maghreb region? The typical English name <br> comes from the Greek for "no-Greek." | BERBER |
| :--- | :--- | :--- |
| 2 | What chocolate snack cakes similar to a Swiss roll are a staple of Hostess's <br> junk food lineup? | HOHOs |
| 3 | The corpse of what creature, into which he is placing an unconscious Luke <br> Skywalker, is the subject of Han Solo's quip "I thought they smelled bad on <br> the outside!" | TAUNTAUN |
| 4 | What dance is associated with Offenbach's "Galop Infernal" from the opera <br> Orpheus in the Underworld? | CAN CAN |

