DECAMERON
Packet by Columbia Ayyyyyyy (Will Alston, Rafael Krichevsky, Aayush Rajasekaran, Gerhardt Hinkle)

A biography titled for this concept opens by declaring that, to understand how its subject used "imagination to transform his life into his art," the reader must use their own imagination as well. A poem remarks to a woman that her version of this concept is "large and spacious," for she has this concept "to boot" and "in overplus," and opens by saying "Whoever hath her wish, thou hast" [this concept]. The chapter "The Triumph of the Everyday" concludes a New Historicist biography of the son of a glove-maker, which was titled for this concept by its author (*) Stephen Greenblatt. That biography's subject wrote many sonnets punning on the similarity between the name of this concept and his own first name, and frequently collaborated with a different man with this name whose surname was Kempe. For 10 points, give the shortened form of the first name of the author of the "Fair Youth" and "Dark Lady" sonnets.
ANSWER: **Will** [accept ***Will*** *in the World*; prompt on **William**] <Poetry, WA>

A namesake theory about this phenomenon describes how people use "on-record" and "off-record" strategies to perform FTAs. Methods of classifying this phenomenon in one country's school textbooks employ a five-category classification for how it is presented, such as via the use of *bikago*. This phenomenon is identified as a linguistic universal in a theory developed by Stephen Levinson and Penelope Brown, which describes how people use it to distinguish (*) "face." Modes of speech called *cheondenmal* ("chun-den-mal") and *panmal* have different levels of this phenomenon in Korean, while *kukadeta, teinei,* and *keigo* have different levels of it in Japanese, as do the verbs *suru* and *shimasu* ("shee-mahs"). For 10 points, identify this linguistic phenomenon exemplified by the use of honorifics, which allows people to show different levels of respect in their speech.
ANSWER: **polite**ness [or **formality**; accept **honorific**s or **honorable** before "honorific"]
<Any SS, WA>

Constantin Hansen painted a group of Danish artists in front of a window in this city, his birthplace, which was home to expats like Christoffer Eckersberg and Bertel Thorvaldsen. An artistic clique in this city that engaged in debauched Bacchic initiation rites included the painter of *The Threatened Swan*, Jan Asselijn, the still-life artist Willem van Aelst, and Valentin de Boulogne, who studied here with Simon Vouet. Like the (*) Bentvueghels, ("BENT-voo-gulls") the Bamboccianti ("bahm-bo-CHAN-tee"), painters of drunken soldiers and lower-class riff-raff, were based here. Camille Corot spent three years painting landscapes in its environs, including views of its Farnese ("far-NAY-zay") Gardens. Lawrence Alma-Tadema's *Spring*, depicting the Cerealia festival in its streets, inspired the triumph scene in Cecil B. DeMille's film *Cleopatra*. For 10 points, name this city, the setting for Jean-Léon Gérôme's painting *Ave Imperator, morituri te salutant*.
ANSWER: **Rome** [or **Roma**]
<painting, RK>

This scientist lost his hearing due to injuries sustained in World War I and escaped execution in the Great Purge thanks to Pyotr Kapitsa's intervention. He wrote the first Russian quantum mechanics textbook, published one year after Dirac's, and convinced the Soviet establishment to accept Einstein's relativity by providing a materialist, Marxist interpretation. This scientist's namesake states, which are direct sums of tensor products of single-particle states in Hilbert space, play a central role in (*) second quantization. In multi-electron systems, his namesake operator is given by the sum of the one-electron Hamiltonian with the Coulomb and exchange operators; diagonalizing and solving iteratively leads to a variational solution for the wavefunction and eigenenergies. For 10 points, name this physicist who co-names a self-consistent field method in quantum many-body physics with Douglas Hartree.
ANSWER: Vladimir **Fock**
<phys, RK>

A character created by this author is horrified when his thieving son returns from America with his Korean wife Grace. Another character created by this author is conned by a "futurologist" writing a book on a Cannibal Plant, who claims to be from Timbuctoo. This author's brother created the cartoon strip *You Said It* and the character of "The Common Man." This author created an "astrologer" who can accurately state that his client was attacked with a knife and pushed down a well, a fact he knows since he was the attacker. This author of the stories "The (*) Vendor of Sweets" and "An Astrologer's Day" created a town founded by Sir Frederick Rawley on the banks of the Sarayu river. The title character runs away to play a cricket match in this author's *Swami and Friends*. For 10 points, name this English-language Tamilian author who set many stories in the town of Malgudi.
ANSWER: Rasipuram Krishnaswami Iyer **Narayan**aswami [or R. K. **Narayan**] <short fiction, ASR>

Members of this biological family unusually form their envelope by budding into the cisternae of the endoplasmic reticulum and Golgi body. This family has four main structural proteins, denoted N, M, E, and S. Members of this family are primed by a transmembrane serine protease, after which they enter the host cell by binding to the active site of an enzyme that normally lowers blood pressure by hydrolyzing angiotensin II, called (*) ACE2. Members of this family are the [emphasize] *second most* common cause of colds. This family is named because the surfaces of its members are covered by copies of the spike glycoprotein S, causing them to resemble a certain structure on the Sun. For 10 points, name this family containing the causative agents of MERS, SARS, and the current pandemic.
ANSWER: **coronavirus**es [accept *Coronaviridae*; accept *Orthocoronavirinae*]
<bio, GH>

A singer created by this author achieves posthumous success with his recording of "That's All Right." A character created by this author claims that she "planted a seed and watched and prayed over it," but "the soil was hard and rocky, and it wasn't ever gonna bloom." Two friends created by this author repeatedly sing "Hail, Hail, the Gang's All Here" from *The Pirates of Penzance*. This author created the mayoral candidate Harmond Wilkes, the (*) blues singer Floyd "Schoolboy" Barton, and a title character who sells stolen refrigerators to support the pregnant Tonya. In another of his works, Raynell is the result of her husband's infidelity with Alberta. His character Herald Loomis searches for his wife Martha Pentecost in *Joe Turner's Come and Gone*. A character created by this author could not break into the MLB because of the color barrier, and works as a garbage collector. For 10 points, name this African-American playwright of *Fences*, which is included in his *Pittsburgh Cycle*.
ANSWER: August **Wilson** <Drama, ASR>

After a series of 1920s polls in this colony found that natives supported segregating its farmland, it created a number of overcrowded Tribal Trust Lands, whose underpaid workers bought up Native Purchase Areas to cultivate for themselves. This colony's minister Garfield Todd aimed to create a native middle class through land reform; to do so, he passed the Native Land Husbandry Act, indirectly creating a boom in which wages rose nearly 70% in a decade, but nonetheless inciting riots in this colony's capital of (*) Salisbury. Alarmed by the success of the British administration at creating a native agricultural elite, the settlers of this so-called "breadbasket of Africa" issued a Unilateral Declaration of Independence, prompting two Bush Wars against ZANU-PF militants. For 10 points, name this British colony which became a rogue state led by Ian Smith, before later becoming Zimbabwe.
ANSWER: Southern **Rhodesia** [accept **Zimbabwe** before "Zimbabwe"] <Commonwealth/Brit History, WA>

A song on this album features the choir of Toronto's Regent Park School of Music. A politically charged track on this album says that "the damsels are depressed," because if "boys will be boys, then where are the wise men?" Another track on this album describes the "streetlights pointed in an arrowhead, leading us home." A song on this album has a chorus beginning "I get mystified by how this city screams your name,"

and is titled after New York's (*) "Cornelia Street." A song on this album obliquely calls Donald Trump a "heartbreak prince", and titles the singer's 2020 Netflix documentary *Miss Americana*. The Dixie Chicks are featured on this album's track "Soon You'll Get Better," and Shawn Mendes appeared on the remix of this album's title track, which opens "We can leave the Christmas lights up till January." It was preceded by two bad singles; the so-called Pride anthem "You Need to Calm Down," and the asinine "ME!", which features Brendon Urie of Panic! at the Disco. For 10 points, name this follow-up to *reputation*, the most recent album by Taylor Swift.
ANSWER: *Lover*

A classical theory of the evolution of these groups is synthesized with structural functionalism in a monograph by Ralf Dahrendorf, which opens by discussing how the etymology of their name comes from a Roman system that distinguished the *assidui*. Exercising the "objectives" of "alliances" of these groups against one another is the function of an "apparatus" defined by Louis Althusser ("alt-hoo-SAY"). The name of a process by which these groups acquire characteristics, termed "reification," was revived in a 1923 essay collection written by a (*) Hungarian colleague of Karl Mannheim. An example of these groups which may become a "tool of reactionary intrigue," called the *lumpen*, is defined in a tract which begins by declaring that the "history of all hitherto existing society" is defined by their struggles. Georgy Lukacs wrote about the "consciousness" of, for 10 points, what groups whose conflict is central to Marxist theory, which considers examples of them such as the bourgeoisie and proletariat?
ANSWER: social **class**es [accept working **class** or **class** conflict, etc.]
<Soft SS, WA>

In his book on the irrational, E. R. Dodds suggests that this art form was inspired in large part by episodes of schizophrenia, referring to the lectures on it given by Gilbert Murray. Jane Ellen Harrison and her colleagues suggested that this art form evolved from the slaying of the Year-King. Outstanding contributors to this art form may have been awarded a goat, as referenced in the titles of works by both John Pepper Clark-Bekederemo and (*) Edward Albee. The Cambridge Ritualists argued that this art form originated from the dithyramb, building on an earlier book which suggests it grew from a dialectic between ordered "dream" and destructive "drunkenness." Terms used in its analysis include "reversal" and "recognition," or *peripeteia* and *anagnorisis*. A contrast between Apollonian and Dionysian is discussed in Nietzsche's book on the "birth" of, for 10 points, what form of drama discussed in Aristotle's *Poetics* and produced extensively by Euripides?
ANSWER: Ancient Greek **tragedy** [or **Attic tragedy**, or **Athenian tragedy**; accept *The Birth of **Tragedy***; prompt on drama or theatre]
<other academic, ASR>

A 24-hour endurance race was inaugurated at this track one year after the first 24 Hours of Le Mans, and Antonio Ascari won its first Grand Prix race in 1925. After Bertrand Gachot was jailed for a road rage incident in 1991, Michael Schumacher made his Formula 1 debut here as a substitute with Jordan. British racing legend Dick Seaman crashed into a tree and died at this track in 1939. More recently, a fatal accident involving F2 drivers Juan Manuel Correa and Anthoine Hubert at this circuit cast a shadow over Charles Leclerc's first F1 race win for Ferrari. This track features the (*) Kemmel Straight, Bus Stop Chicane, and La Source Hairpin, which is followed by a notorious downhill-uphill sequence of turns through Eau Rouge and Raidillon. For 10 points, name this race circuit that hosts the Belgian Grand Prix, which is named for a nearby resort town famous for its mineral springs.
ANSWER: Circuit de **Spa**-Francorchamps
<sports/motorsport, RK>

A large Cistercian abbey of this name was established in the 12th century outside the city of Konstanz. It is also the name of Montserrat's largest town. To supply precious metals to the Mormon Church in the run-up to the Second Coming, John Hyrum Koyle built the Dream Mine in a city of this name after dreaming of the

Angel Moroni. Rock structures known as America's Stonehenge are found in a New Hampshire town of this name, although they were likely assembled in the early 20th century as a hoax. The Single Brothers' House, built in a town of this name by Moravian Brethren, is one of the oldest buildings in North Carolina. Mahonia Hall is located in a state capital of this name, served by the (*) Cherriots bus service and home to Willamette University. For 10 points, the real House of the Seven Gables is located in a city with what name, home to Nathaniel Hawthorne and the site of famous witch trials?
ANSWER: **Salem**
<geo, RK>

A mutilated altar found near Karlsruhe in Germany shows this god seated beside his consort Erecura, who holds a plate of fruit. Once a century, the Secular Games were held for three days and three nights at this god's underground altar in the Campus Martius, which was supposedly uncovered when a Sabine man named Valesius prayed to this god to heal his children. In the *Commentaries on the Gallic Wars*, Julius Caesar claims that the Gauls considered this god to be their ancestor. In a later literary context, this god is implied to rule a location where those who deny immortality are interred inside flaming tombs within the walls. Outskirts inhabited by wrathful individuals surround this god's namesake (*) city in Dante's *Inferno*, which contains the four lowest circles of Hell. Pluto was later identified with, for 10 points, what Roman underworld god whose name means "rich" and who was called Pater?
ANSWER: **Dis** Pater
<euro myth, RK>

A theory on "limits" to this process was developed by Andrei Shleifer and Robert Vishny to explain the persistence of non-equilibrium states. Assuming the absence of this process, expected return can be given as a linear function of expected return on risk factors which have been accounted for, according to a framework developed by Stephen Ross. For an entity called LTCM, Robert Merton and Myron Scholes developed a strategy based on identifying the "on the run-off the run spread" and applying this process to (*) fixed income assets. A common assumption used in capital markets is that this process should not be possible for any well-diversified portfolio, because in a sufficiently large market, all opportunities for this process will be immediately seized upon by investors. For 10 points, name this action in which one takes advantage of price differences between markets to generate risk-free profit.
ANSWER: **arbitrage** [or **arbitraging**; accept **arbitrage** pricing theory; prompt on buying or selling securities / bonds / stocks / etc.]
<Hard SS, WA>

This ruler owned a desk with a marquetry medallion featuring the motto "I tell of each thing in song and sing the songs of shepherds," designed by *ébenistes* Jean-Henri Riesener and Johann Franz Oeben. This ruler's namesake style is exemplified by the cast iron gates of Nancy's Place Stanislas ("plahs stah-nees-LAHS"), the Hôtel de Rohan's Monkey Cabinet, and the Oval Salon in the Hôtel de Soubise ("soo-BEES"). New forms of furniture introduced under this ruler included the *chiffonnier* ("shiff-oh-NYAY"), *lit à la polonaise* ("poh-loh-NEZ"), *sultane*, *ottomane*, and *sofa*. This king's mistress is shown reclining on her bed in a large (*) teal dress next to a small *bureau plat* in a famous portrait. Chairs in his namesake style are small and mobile, with deer-shaped legs and pulled-back armrests to make room for large women's dresses, suiting the intimate salons of Madame DuBarry and Madame de Pompadour. For 10 points, name this French king whose court painters included François Boucher ("boo-SHAY").
ANSWER: **Louis XV** [or *Louis Quinze*; accept **Louis XV** Style; prompt on Louis]
<other visual/decorative, RK>

The female poet Avvaiyar legendarily met this god, who tricked her by asking if she wanted "hot fruit." A prayer to this deity hails him as "sendhil mudhulvanay," while another prayer to him hails him as the

conqueror of Idumba and Kadamba. The *Kanda sashti Kavacham* honours this god, whose six most important temples are called the *Aarupadai veedu*. The festival of Thai pusam, popular in Southeast Asia, commemorates this deity receiving a weapon from his mother. The nurses of this slayer of Taraka were put into the stars as the Pleiades. This god, who names the longest of the puranas, uses the *vel* spear to kill the demon Soorapadman and rides a (*) peacock. This six-faced god circumnavigated the world thrice, but wasn't awarded a golden mango, which went instead to his elephant-headed brother. For 10 points, name this son of Shiva and younger brother of Ganesha, who is sometimes considered the Hindu god of war.
ANSWER: **Kartikeya**n [or **Murugan**, **Skanda**n, **Subramania**m, **Shanmugha**m, **Kumara**n; accept **Skanda** purana; feel free to use Wikipedia to check if we missed a name, but don't accept obviously wrong answers referring to different gods, i.e. "Ganesh" or "Indra" or "Vishnu"]
<non-euro myth, ASR>

The second part of a book by Justus Friedrich Karl Hecker conjectures that the name of one form of this activity came about through an event on the feast day of John the Baptist in 1374. A condition characterized by this activity was medically defined by the so-called "English Hippocrates" Thomas Sydenham ("SID-en-um"). A notable performance of this activity by a woman named Frau Tofea ("toh-FAY-ah") from Strasbourg is thought by some to have been enabled by consuming (*) psychedelic ergot fungus. In the 14th through 17th centuries, many Europeans engaged varieties of this activity in public in the phenomenon of *choreomania*, such as a variety named for St. Vitus. A common motif involving this activity is depicted in a landmark series of woodcuts by Hans Holbein the Younger. Italians engaged in a variety of it called tarantism. For 10 points, medieval people often allegorized Death with a depiction of skeletons performing what activity?
ANSWER: **dancing** [or **dance**; accept **dancing** mania or St. Vitus's **Dance**; accept **chorea** or **choreomania** before "choreomania"] <Euro History, WA>

Though this country does not currently possess most of said artifacts, it continues to lay claim to a Roman hoard called the Seuso Treasure found near its town of Peroj ("PAIR-oy"). Several recent finds of Roman artifacts have been made by this country's Vinkovci ("veen-KOV-tsee") Museum, many of which have gone to the Museum of Arts and Crafts in its capital designed by Hermann Bollé. Gates of gold, silver, iron, and bronze lead into a complex built in this present-day country near the ancient city of (*) Salona, which has three stolen Egyptian sphinxes. That site, like many other Roman and medieval buildings in this country, were shown in many scenes shot by Fabian Wagner depicting King's Landing and other sites in *Game of Thrones*. Its south comprises the historic region of Dalmatia. Diocletian's retirement palace is found in the city Split in, for 10 points, what former Yugoslav republic whose cities include Dubrovnik and Zagreb?
ANSWER: Republic of **Croatia** [or **Hrvatski**]
<geo, WA>

One book found in this present-day country paraphrases the narrator's out-of-body experience of an "unbegotten" goddess named Derdekea. Another book found in this country includes a parable about sealed and unsealed jars and describes a man being tortured by a personified Error. A third book found in this country declares that "Whoever finds the interpretation of these sayings will not experience death," marking it as the first known "sayings gospel" to claim to record (*) "hidden words that the living Jesus spoke." Many cryptic texts found in this country credit a tripartite, syncretic god named Hermes Trismegistus. Both the Gospel of Truth and the Gospel of Thomas were found in this country, which is home to a church that claims to have been founded by Saint Mark. For 10 points, the largest known collection of Gnostic texts was found near Nag Hammadi in what country, which is also home to the Coptic Church?
ANSWER: **Egypt** [or **Misr** or **Kemet**]
<religion/Abrahamic, GH>

Raquel Lieberman's testimony led to a 1930 trial in this city that convicted leaders of an organization that brought Polish Jewish women primarily to this city for sexual slavery, called Zwi Migdal. Investigation of an antisemitic crime in this city came to a halt when the leader of the Nisman investigation was apparently murdered in 2015. Two years after the Israeli embassy in this city was bombed in 1992, a suicide van struck the AMIA, a Jewish community center here. This city's Jewish community of nearly 200,000 was concerned by some of the past affiliations of (*) Carlos Menem, but Menem appointed several prominent Jewish technocrats to his cabinet. In 1960, Mossad agents located a man living in this city under the pseudonym "Rikard Clement," then extradited him to Israel, where he was tried and hanged. For 10 points, name this city where Adolf Eichmann was sheltered by Juan Perón.
ANSWER: **Buenos Aires**
<Non-Asian World History, WA>

A man dubbed "Sharp-sticker Sahib" intentionally induces this condition to save Saleem from typhoid in Salman Rushdie's *Midnight's Children*. A woman suffers this fate while pregnant with the title character of Oliver Wendall Holmes's *Elsie Venner*, leading to her mysterious nature. A character takes her own life in this manner shortly after a speech that begins "Give me my robe, put on my crown; I have immortal longings in me." In an Isabel Allende novel, (*) Eva Luna is conceived when her mother nurses a man who is dying from this affliction. Grimesby Roylott dies in this manner in a locked-room mystery, as does Clym Yeobright's mother in *The Return of the Native*. The courtesan Kamala dies in this manner in Hermann Hesse's *Siddhartha*, and it is central to the plot of the Sherlock Holmes story "The Adventure of the Speckled Band." For 10 points, in what manner of death does the heroine die in Shaekespeare's Antony and Celopatra?
ANSWER: **snakebite** [accept descriptive answers like "**poisoned by a snake**"] <Any genre, ASR>

The first biography of this leader was written by the Italian diplomat Daniele Varè, who gathered his sources while he was stationed in Beijing. A plot to murder this leader was concocted by a philosopher who wrote a utopian treatise which outlined a scheme to mass-marry Chinese and Europeans to breed a master race, called the *Da Tongshu*. This leader's reputation suffered badly from the smear campaign that followed, orchestrated by Liang Qichao ("l'yang chee-chao") and the aforementioned (*) Kang Youwei ("yoh-way"). This leader instigated a set of reformist "New Policies" at the urging of Yuan Shikai ("y'wen shu-kye"), despite having arrested the Guangxu ("gwong-shoo") emperor and purged most promoters of the Hundred Days Reform a few years prior. After that palace coup, this leader encouraged anti-European sentiment among the Harmonious Fists. For 10 points, name this Boxer Rebellion enthusiast who ruled as Empress Dowager during the late Qing dynasty.
ANSWER: Empress Dowager **Cixi** [or **Cíxī** Tàihòu; prompt on **Yehe Nara**] <WA, Asian History>

An important figure-of-merit for these devices is the TSFC ratio, and their sound intensity can be calculated from Lighthill's equation. The DC60 distortion index gives the allowable pressure deviation of these devices below the surge line. Diffuser buzz in their subcritical intake regime must be avoided. Water injection became obsolete with the development of the high bypass-ratio variety of these devices. Modern ones follow the Brayton cycle, characterized by two adiabats and two isobars. The CFM56 is the most commercially successful example of these devices, though its introduction was marred by failures such as the (*) Kegworth disaster. The Viggen uses one called the RM8, which is a retooled Pratt & Whitney JT8D with afterburners. Chicken guns have been used to stress-test them and simulate bird strikes. Turboprops and turbofans are, for 10 points, what devices that burn fuel to accelerate airstreams and provide thrust to an aircraft?
ANSWER: airbreathing **jet engine** [accept **gas turbine** engine or **turbojet** engine; accept **turbofan** or **turboprop** or **turboshaft** engine before the word "turboprops" is read; prompt on aircraft engine or equivalents that do not include the word "jet"]

This book explains one concept with the analogy of a mirror, which cannot "refuse, alter, or obliterate images" which the "objects set before it" produce. Neuroscientist Pawan Sinha tested the conclusion that this work's second book reaches concerning a thought experiment about a blind patient who uses touch to distinguish spheres from cubes, which was first proposed by William (*) Molyneux. Its fourth book claims that, though reason must ultimately judge revelation, faith is essential for facts such as "the Angels rebelled against God," which are contradicted by neither reason nor experience. This work uses the example of the light cast on a piece of porphyry to distinguish its notions of "simple" and "complex" ideas. It argues that the human mind has no innate ideas of God or religion, but is instead a *tabula rasa*. For 10 points, name this treatise on knowledge by John Locke.
ANSWER: An *Essay Concerning Human Understanding*
<phil, RK>

An admiral in this novel is executed for failing to put enough men to death, with the idea of motivating his nation's other admirals to fight. Another character in this novel survives hanging because the executioner was experienced with burnings, but incompetent with a rope. To avoid having his brains blown out with twelve bullets, a third character in this novel elects to receive 4,000 lashes. After shooting the (*) simian lovers of two girls, a pair of travelers in this novel are captured by big-eared cannibals, but are saved upon proving that they murdered a Jesuit. At the advice of the University of Coimbra, an inquisitor in this novel orders a "superb auto-da-fé." After settling in Turkey, this novel's characters debate whether to kill Baron Thunder-ten-Trock. Leibniz's idea that this is "the best of all possible worlds" as presented by Pangloss is mocked in, for 10 points, what novella by Voltaire?
ANSWER: *Candide* <Long Fiction, WA>

In an interview, this writer remarks on a number of films that treat the subject of "growing indistinction" such as *The Truman Show* and *Mulholland Drive*, before suggesting that a different film fails because it does not explore what happens when "two worlds collide." In a film, a quote inspired by this writer is spoken after a shot of a thunderstorm crackling over a war-torn Chicago tilts to a vertical shot of a man sitting on a red sofa chair, who then speaks that quote as he extends his arms out amidst the rocky ruins. In that film, a man opens what appears to be a green-faced copy of one of this writer's books and then places a wad of cash inside it, but then pulls out a (*) hard disk from a hidden storage compartment. A phrase that this writer used to describe his idea of a "copy without an original" is rendered by Morpheus as "welcome to the desert of the real." *The Matrix* was directly inspired by the writings of, for 10 points, what French postmodernist philosopher who wrote *Simulacra and Simulation?*
ANSWER: Jean **Baudrillard** <Movies, WA> (The first clue is Baudrillard's review of *The Matrix.*)

An artist with this first name sang about opting not to kill their husband because "orange ain't" their colour in the song "Stripes". That artist with this first name co-wrote Kacey Musgraves's "Follow Your Arrow" and Miranda Lambert's "Mama's Broken Heart", and released the album *12 Stories*. A different artist with this first name released the albums *The Story* and *By the Way, I Forgive You*, and joined Maren Morris as part of the supergroup The (*) Highwomen. Alt-country lesbian singers surnamed "Clark" and "Carlile" both have this first name, which is also the first name of Ray J's sister who released the album *Never Say Never*. That R&B artist behind the number one "Have You Ever?" may be best-known for an all-female duet with a chorus of "You need to give it up / Had about enough". For 10 points, give the first name of the artist who recorded "The Boy Is Mine" with Monica.
ANSWER: **Brandy** [accept **Brandy** Clark, **Brandi** Carlile, or **Brandy** Norwood] <Pop Music, ASR>

A mayor of this city successfully defended himself against an FBI investigation which fell apart when the primary informer, deputy police chief Kenneth Weiner, turned out to be running a pyramid scheme. Those investigations did, however, uncover the embezzlement of $2.3 million from an anti-drug fund by this city's police chief William Hart. A conspiracy to fire another of its police chiefs, Gary Brown, was uncovered

thanks to the discovery of 14,000 texts -- many of them extremely sexual -- sent by this city's mayor during his affair with (*) Christine Beatty. In 2002 allegations emerged claiming that mayor of this city had thrown a wild party full of strippers at Manoogian Mansion. Though the FBI dropped numerous investigations against this city's first black mayor, Coleman Young, they did manage to convict its later mayor Kwame Kilpatrick of corruption. For 10 points, name this city known as "Motown," the largest in Michigan.
ANSWER: **Detroit** <US History, WA>

A 2013 paper by D'Onghia et al. proposes that these features -- which are not stars -- are joined at "kinks" after their components are initially formed by "perturbers," such as molecular clouds. A leading theory explaining the stability of these features is described using the analogy of a traffic jam behind a slow-moving truck and resolves the winding problem. Objects with well-formed examples of these features, as opposed to small flocculent ones, are called "grand design." The most widely-accepted theory of their formation, credited to (*) Lin and Shu, is density wave theory. They're not constellations, but major examples of these features include Scutum-Crux and Perseus, while minor examples are called "spurs" and include one named Orion. In SB-type objects, these structures are connected by a large "bar" which spans the central bulge. For 10 points, what structures extend from the center of a spiral galaxy?
ANSWER: spiral galaxy **arm**s [accept **density wave**s before "density"; prompt on galaxy or spiral galaxy by asking "what part of the galaxy?"; accept **spiral**s before "Scutum-Crux" and prompt after]
<astro, WA>

A recipe detailing the "numerous and evident" advantages of this food, which is "refreshing in summer and stimulating in every season," written by the author of *Pursuing Stacks*, the mathematician Alexander Grothendieck. Dubious yet widespread rumors have claimed that this food protects against bird flu. Because this food typically sours within a week in conventional storage, it is typically stored in specialized "lid-type" or "stand-type" home refrigerators which can preserve it for up to six months. A namesake (*) stew based on this food is the most popular type of *jjigae* ("jee-geh"). This food is traditionally made in the winter by burying earthenware jars called *onggi*. Modern recipes for this food use chili powder or paste, such as *gochujang*, in addition to the required brining salt. For 10 points, name this variety of fermented cabbage from Korea.
ANSWER: **kimchi** [or **gimchi**]
<other academic, GH>

The thickest mustache in jazz history undoubtedly belonged to a player of this instrument who fused jazz with Azerbaijani mugham, Vagif Mustafazadeh. Another player of this instrument recorded *The Power of Three* with Jim Hall and Wayne Shorter. That player won the Prix d'Excellence at Montreux, but he expressed annoyance with such awards, fearing that they were given out of pity for his osteogenesis imperfecta. *Place to Be* is an album by a Japanese player of this instrument who wrote jingles for companies like Nissan before enrolling in Berklee and studying with (*) Ahmad Jamal. Its players include Michel Petrucciani, Hiromi, and the composer of the jazz standards "500 Miles High" and "Spain," who founded the fusion band Return to Forever. For 10 points, name this instrument played by Chick Corea, as well as the composer of the standard "Round Midnight," Thelonious Monk.
ANSWER: **piano** [or electric **keyboard**]
<other auditory/jazz, RK>

Thin Orange ware, which was only made at this site, was commonly used in its rituals. Offerings at this site include hundreds of unusual spheres made of clay cores covered with pyrite. An underground chamber here has a miniature mountainous landscape with mercury lakes. Household rituals at this site often used figurines of the Fat God and the Flayed God, while the most prominent deity worshipped at this site was the Spider Woman, also known as this site's Great Goddess. This site is centered on the (*) Avenue of the Dead, and

rituals were conducted on pyramids dedicated to the Feathered Serpent, the Moon, and the Sun. For 10 points, name this mysterious, abandoned Mesoamerican city that the Aztecs considered the birthplace of the gods.
ANSWER: **Teotihuacan**
<religion/non-Abrahamic, GH>

A 5-time holder of this office named his son Stalin, who later became mayor of the city in which this office is based. That office-holder earned the nickname "Kalaignar," or "Artist," by writing novels, poems, and over 70 screenplays, such the controversial cult classic *Parasakthi*, in which a priest sexually assaults a woman in a temple. Another holder of this office was shot twice in the neck and ear by actor M. R. Radha, sustaining permanent hearing damage. The relationship between the two aforementioned leaders was dramatized in the film *Iruvar*, and the life of another will be depicted in the upcoming biopic *Thalaivi*. The latter office-holder opened state-run canteens serving subsidized food, such as 1-rupee *idli* and 3-rupee curd rice. Despite being removed from office twice for corruption, her 2016 death sparked an unprecedented outpouring of grief. Prior to entering politics, she appeared in 140 films with such co-stars as M. G. (*) Ramachandran, who also held this office. For 10 points, M. Karunanidhi and J. Jayalalithaa served as which heads of government of a South Indian state with capital Chennai?
ANSWER: **chief minister** of **Tamil Nadu** [do not accept or prompt on answers including the word "governor"; prompt on "chief minister of Madras" by asking "What is the office called today?"]
<world history/film/writer's choice, RK>

This is the interval between the lower voice and the escape tone in a Landini cadence. It rings out in the long chord held at the beginning of Tárrega's *Capricho árabe* ("AH-rah-beh") for guitar. The woodwinds play a descending scale over this interval to open the final movement of Schubert's *Tragic Symphony*. The right hand plays this interval twice at the start of Beethoven's sonata *The Hunt*, and the solo horn plays it at the beginning of Bruckner's 4th Symphony. The cellos and basses play this interval to begin their unison solo in the last movement of (*) Beethoven's 9th Symphony. This interval corresponds to a 3:2 frequency ratio and is equivalent to seven semitones. A key's dominant is exactly this interval above the tonic. For 10 points, the first two *different* notes played in "Twinkle, Twinkle, Little Star" are separated by what interval, which separates the notes C and G?
ANSWER: perfect **fifth**
<classical music, RK>

This compound is used in the Wislicenus ("vis-LEE-tseh-nuss") reaction to produce sodium azide from sodamide at high temperature. It can be added to olefins to produce ketones in a reaction proceeding via a 1,3-dipolar cycloaddition. Justus von Liebig ("YOOS-toos von LEE-beg") once injured Prince Liutpold of Bavaria in a botched demonstration of the explosive reaction between carbon disulfide and this compound, the "barking dog" reaction, which produces a loud noise. It has been identified as the most powerful (*) ozone layer-depleting pollutant emitted in the post-Montreal Protocol era. Skin hyperpigmentation in otherwise healthy young patients can be indicative of long-term recreational abuse of this substance, since it oxidizes cobalamin, leading to vitamin B-12 deficiency. Joseph Priestley discovered, for 10 points, what gas used as a dental anaesthetic and known for its euphoric effect?
ANSWER: **nitrous** oxide [accept **N₂O** or **laughing gas** or **dinitrogen monoxide**]
<chem, RK>

This novel's protagonist is seized by a fit of laughter as he gazes at his reflection in a pool, after which he thrusts his head into the water and makes ludicrous faces, before asking "Why did I do such a crazy thing?" While imprisoned, a character in this novel first hears a children's song which begins "Oh lantern, bye bye bye." An interpreter in this novel informs a man that the "snoring" he hears is actually the sound of moaning peasants held in a urine-drenched pit. As guards drag him away, this novel's narrator gazes at the "spider-

like" eyes of a coward who clutches some silver coins. In this novel, a voice emanating from a bronze medal commands a man to trample on it, because it is an (*) image of Christ. In its prologue, the protagonist hears a rumor that Cristóvão Ferreira has apostasized in the aftermath of the Shimabara Rebellion. For 10 points, the priest Sebastian Rodrigues journeys to Japan in what Shūsaku Endō novel, which was adapted into a film by Martin Scorsese?

ANSWER: _Silence_ [or _Chinmoku_] <Any Fiction, WA>

A basis for a finite Galois extension that's given by the orbit of a single element is said to have this property. An algebraic extension is said to have this property if it's the splitting field of a set of polynomials over the base field, which is also called quasi-Galois. For a finite Galois extension, Galois correspondence gives a bijection between subgroups of the Galois group with this property and Galois subextensions. The quotient group is defined only for subgroups with this property that indicates that they're preserved by conjugation. A (*) T_4 space is a Hausdorff space with this property. For an implicitly defined surface, the vector field with this property is given by the gradient of the defining equation; for a two-dimensional surface in R^3, it's also the cross product of the two tangent fields. For 10 points, give this infamously overloaded term that denotes both a perpendicular vector and the Gaussian distribution.

ANSWER: **normal** [accept **normal** basis, **normal** extension, **normal** subgroup, **normal** space, **normal** vector, or **normal** distribution]
<math, GH>

Book 11 of Strabo's _Geographica_ begins by describing a place between these entities found near Atropatene, and suggests that the name of one of them comes from a word meaning "arrow." People travelling between these entities took advantage of a facility which terminated near Opis, which was supplanted by a similar structure built by Seleucus Nicator. Archaeological research has identified the Karun and a bunch of dry _wadis_ as possible candidates for a pair of companions to these entities, named (*) Pishon and Gihon, which the Bible locates in the Garden of Eden. Pliny the Elder cites the ability to "command" both of these entities as a key advantage of the location of the city of Ctesiphon. The repeated shifting of these two entities, which now merge in the Shatt al-Arab, caused the decline of cities such as Lagash and Ur. For 10 points, name these two primary rivers of Mesopotamia.

ANSWER: **Tigris** AND **Euphrates** rivers [or al-**Furat** AND ad-**Dijla**; or **Purattu** AND **Idiqlat**; or **Buranuna** AND **Idigina**; prompt on rivers by indicating that we want a number of specific rivers]
<Ancient History, WA>

This title place is shown in a bright pink and purple landscape painted in 1927 Marsden Hartley, who greatly admired another artist who painted it for his way of establishing the "quality of reality." Another artist first showed this place in the right background of his landscape _The Railway Cutting_. This place is alluded to as the location where that artist spent "entire days...reading Virgil and looking at the sky" in a review by Paul Gauguin. The trees in front of this place are painted using cubes and other increasingly abstract forms in works painted closer to that artist's 1906 death. Using shades and techniques similar to those found in his (*) _Basket of Apples_ an artist depicted this place at different angles and times of the day while living in Aix-en-Provence. For 10 points, name this mountain frequently depicted by Paul Cezanne.

ANSWER: Mont **Saint-Victoire** [prompt on Aix-en-Provence before "Aix"]
<painting/writer's choice, WA>

TIEBREAKER LOL

A British playwright originally from this country wrote of Chloe and Katya, who carry out victimless crimes in the play _Clean_. A playwright from this country blended the myth of Narcissus with that of the title character of the play _Pygmalion_. A convict on death row is blasted into space, returning 309 years later in _A_

***Voyage to Tomorrow*, a play from this country. In a play from this country, the title ruler is sold to a prostitute after it is revealed that he had never been freed from slavery. A playwright from this country adapted the legend of the Seven Sleepers of Ephesus in one work, and depicted a leader of this country in *The** (*) *Sultan's Dilemma*. The author of *The People of the Cave*, Tawfiq al-Hakim, is from, for 10 points, what country whose most famous novelist is Naguib Mahfouz?

ANSWER: **Egypt** <Drama, ASR>