

DECAMERON

Packet by Cybernetics in Service of Communism (Mike Bentley, Mia Nussbaum, Tamara Vardomskaya, Vikshar Athreya)

1. Pierre du Pont tried to link his support of this cause with an effort to end an income tax on people making more than \$3,000 per year. The Bergdorf-Goodman department store sold pins supporting this cause. Pauline Sabin, the first president of the Women's National Republican Club, founded the WONPR to support this cause. Mayor John Francis Hylan participated in a march down Fifth Avenue with the American Liberties League in support of this cause, which was partially achieved with the passage of the Blaine Act. Bishop and political boss James Cannon, Jr. attacked a (*) Catholic mayor for his support of this cause in a presidential election. Supporters of this cause were known as "wets." Businessman Adolphus Busch was one of the most prominent leaders of this cause. For 10 points, name this cause achieved through the passage of the 21st amendment. ANSWER: repeal of prohibition [or equivalents around making it legal to drink alcohol; accept repealing the 18th amendment or repealing the Volstead Act; accept wets before mentioned; do not accept or prompt on just "prohibition" or "temperance"]

2. One of this author's works expresses a wish that one of the central figures will "raise up his head and become a man," and that the other will return with his ship undamaged. Another work by this author opens with a description of its addressee's "many-colored throne" and chariot drawn by sparrows. A (*) metrical form named for this poet is notable for its "Adonic line," which consists of a dactyl and a spondee. Anne Carson's *If Not, Winter* is a set of adaptations of works by this poet. In a work by this native of Mytilene, the speaker is "paler than grass," in contrast to an individual who seems "equal to the gods" due to his ability to keep his composure in the presence of the addressee. That poem was later adapted as Catullus's Poem 51. This poet wrote in the Aeolic dialect, and other than the aforementioned *Hymn to Aphrodite*, most of her works only exist in fragmentary form. For 10 points, name this ancient Greek poet from Lesbos. ANSWER: Sappho (Mia)

3. A religious leader in this country, while stranded in a dark cave, drank from a cup that turned out to be a human skull; that man synthesized the "essence-function" with the concept of interpenetration. The term "nine mountain schools" refer to the initial set of monasteries in this country's Seon tradition. One rebel group in this country was inspired by a book on "Eastern Learning" that rejected Christian concepts of God. Hospitals founded in this country by surgeon Horace N. Allen helped (*) Protestantism become so popular that the term "Christian" is now interchangeable with "Protestant." This country's Sarim elites split over adherence to Neo-Confucianism. The Catholic church helped spread the use of the hangul script in this country. For 10 points, name this country where Christianity was often fused with nationalism during the Japanese occupation of it in the early 20th century. ANSWER: Korea [accept South Korea or North Korea or Kingdom of Korea; the first clue refers to Wonhyo, founder of Korean Buddhism]

4. An album themed around one of these events featured Sergio Mendes' song "One Nation;" that album, *One Love, One Rhythm*, had a lead single performed by Pitbull. An earlier song tied to one of these events that hit #1 in France sampled from the song "Zangalewa." A song originally written for one of these events first broke with mainstream American audiences at a performance at the 41st Grammy Awards in 1999. Shakira was controversially given top billing for a song tied to one of these events titled (*) "Waka Waka (This Time for Africa)" over an African artist in 2010. An anthem for one of these events features the chorus, "Here we go! Ale, ale, ale ("ah-yay ah-yay ah-yay)" and was included on a self-titled album that led off with "Livin' la Vida Loca." Ricky Martin's early hit "The Cup of Life" was an anthem for the 1998 iteration of this event, which was hosted by and won by France. For 10 points, name this international sporting event organized by FIFA. ANSWER: The FIFA World Cup [or the FIFA Men's World Cup; or World Cup finals; prompt on a soccer or football match]

5. In this novel, a French doctor is forced to dig up the remains of Josh Billings, the town's most famous author. One character in this novel refuses to accompany another on a 500-mile-drive south because he's too interested in the flagpole sitter hired by Pullman's Department Store; on that trip, the protagonist, based on Ed Ricketts, orders a "beer milkshake." Several characters in this novel gather aquatic creatures such as

octopuses as bounty for (*) Western Biological, a company trying to cure cancer. This novel, like the follow-up *Sweet Thursday*, features the owner of the Heavenly Flower Grocery, Lee Chong. Several women who work in the Bear Flag Republic brothel attend the party organized by Mack that makes up the final section of this novel. For 10 points, name this John Steinbeck novel set in a part of Monterey, California where sardines are packed.

ANSWER: Cannery Row

6. Rachel Edgar of Imperial College London found that this value in mice was broken from the circadian rhythm when suppressing the BMAL1 gene. A much-cited paper by Quinn et al that tracked 415 Ugandan couples over 30 months found that this variable was “the chief predictor of heterosexual transmission of HIV-1.” A March 2020 piece in the *New Yorker* by Siddhartha Mukherjee noted how because high values of this quantity measured in the nasopharynx during the SARS epidemic contributed to worse outcomes, it’s likely high values of it correlate with deaths in Covid-19 patients. The most common measurement of this quantity in HIV patients is through a (*) nucleic acid test. The best way to measure this quantity is from EDTA plasma, looking for a certain amount of RNA per milliliter. For 10 points, name this quantity that represents the amount of a virus in the blood plasma.

ANSWER: viral load [or viral burden; or viral titre; or viral titer; accept peak viremia or descriptive answers like the quantity of a virus before the end]

7. Jason Peters's sculpture *Now You See It, Now You Don't* was made from cheap plastic chairs temporarily installed in this neighborhood in 2009. In 1998, the Empire Theater in this neighborhood was transported some 170 feet for better use as a multiplex lobby. After 2.5 acres of this neighborhood were pedestrianized, the architecture firm Snohetta designed new benches for people to sit in near a TKTS (“tickets”) outlet. A building under construction in its "bow tie" will soon have its largest (*) sign. The Dinkins administration cracked down on sex shops operating near each other thus “cleaning up” this neighborhood in the 1990s enough for Disney to open a store there. Today, this place is home to performers such as the Naked Cowboy. For 10 points, name this dense region of Manhattan where a ball is dropped on New Years' Eve.

ANSWER: Times Square [or Longacre Square; prompt on New York City or Manhattan or Midtown Manhattan or Broadway]

8. In a collection of essays responding to this thinker, Gareth Jones critiqued this man’s treatment of boundaries as rigid “containers for data.” Devesh Raval argued that a model formulated by this man gives an unrealistically high value for the elasticity of substitution. This thinker built on the work of Georges Dumézil to argue that the premodern societies were trifunctional. One book by this thinker argues that most left-leaning political parties have been captured by the educated "Brahmin left," while conservative parties are controlled by the "merchant right." This colleague of Emmanuel Saez is best-known for a book that is often summarized with the (*) equation $r > g$, where g is the rate of economic growth. This man argued for a global wealth tax in his best-known book. For 10 points, name this French economist, author of the best-selling *Capital in the 21st Century*.

ANSWER: Thomas Piketty

9. In the Tying of the Years ritual, four priests started from the temple of this deity before spreading the New Fire to all hearths in the region. This god has the southern, red-painted one of twin temples in a Great Temple he shared with a rain god. Though he did not rule over women’s issues, women who died in childbirth would join this god. In a month dedicated to this god, people would fast for days, then eat parts of a giant sculpture of this god wearing a gold mask and made from honey, amaranth seeds and (*) human blood. This god, born fully grown, killed his sister who was attacking his mother. This god was always portrayed wearing a blue-green helmet of his totem animal. He instructed his people to found a city where they would see an eagle killing a snake on a cactus and is the younger and smaller brother to Quetzalcoatl and Tetzcatlipoca. For 10 points, name the Aztec war god represented by a hummingbird.

ANSWER: Huitzilopochtli [or Huichilobos if you’re a Spanish conquistador] (Tamara)

10. Historian Helen Birkett used the preparations for this event as a case study for how news spread in the Middle Ages, challenging traditional narratives of its source. It's not World War I, but distaffs and wool were sent to people who did not volunteer for this campaign in order to shame them. The bull *Audita tremendi* rallied people to this campaign. Some people were attracted to this campaign by large cartoons showing the

horse of the chief antagonist desecrating the (*) Holy Sepulcher. The coat of arms of Portsmouth are those of a man defeated en route to this campaign, Isaac Komnenos of Cyprus. Conrad of Montferrat's death during this campaign was blamed on a military leader captured on his return from it. Over 2,000 Muslim prisoners were executed following the Siege of Acre in this campaign. For 10 points, name this military campaign co-led by Richard the Lionheart and financed by the Saladin tithe.

ANSWER: Third Crusade

11. People of this ethnicity make up the majority of members of the Awood Center, a group that in 2018 staged the first-ever coordinated strike against an Amazon warehouse in the US. A hate crime is committed against people of this ethnicity in Elizabeth Strout's 2013 novel *The Burgess Boys*. In October 2016, federal agents foiled a plan by a Kansas militia to blow up an apartment complex with refugees from this community. The aforementioned Strout novel was based on a real incident of a man throwing a frozen pig's head at a religious gathering of these people in Lewiston, (*) Maine. The majority of people of this ethnicity in the US come from the Darod clan. A politician of this ethnicity elected to Congress in 2016 on the Democratic-Farmer-Labor ticket was, with Michigan's Rashida Tlaib, the first Muslim woman elected to Congress. For 10 points, name this ethnicity of Minnesota representative Ilhan Omar.

ANSWER: Somali-American [accept Darod before mentioned; prompt on African American or East African]

12. An online archive named for these things provides built-in support for creating a BLS periodogram on a KOI ("K-O-I"). TTVFaster is a common algorithm used in studying these things. Benjamin Fulton lends his name to a "gap" in the size of these things; so far, the gap has continued to be observed in the TESS project. Wolszczan and Frail were the first to find one of these objects through the use of pulsar timing. In 2014, some (*) 800 of these objects were announced after analyzing data from the Kepler telescope; most such discoveries have come from analyzing transits. The 2019 Nobel Prize in Physics was awarded to Michel Mayor and Didier Queloz for discovering the first of these objects, 51 Pegasi b. Examples of these objects with unusually short orbital periods include Hot Jupiters. For 10 points, name these astronomical objects that orbit stars outside of our solar system.

ANSWER: exoplanets [or extrasolar planets; prompt on planets]

13. The protagonist of this film wakes up to see a bird in her room after examining bruises on her back from a cupping session. Early in this film, which was adapted from a *This American Life* segment titled "What You Don't Know," the protagonist's father tells a joke whose punchline involves a man returning from a long business trip being told his mother was on the roof. The protagonist's parents relate a story about how they were given a key to a church so that their daughter could have an opportunity to play the piano in a speech contrasting (*) America with the country where this film is mainly set. One character in this film asks a person to Photoshop a medical report so that it reads "benign shadows." Early in this Lulu Wang film, Billi decides to fly to the fake wedding being thrown for Nai Nai. For 10 points, name this 2019 film starring Awkwafina as a woman who has to say goodbye to her cancer-stricken grandmother.

ANSWER: *The Farewell*

14. After meeting a young man, this character can only remember "something about kissing--on a hill" from a scene in *Hamlet*. Earlier, this character is read a letter in which the male lead declares his plan to, by "the grossest deceptions from flattery and pretend admiration ... make [this woman] a go-between in our interview." This character intercepts a letter in which she is referred to as "an old weather-beaten she-dragon." At the end of the play, this resident of Bath reveals that she is secretly Delia, whom the Irish duelist Sir (*) Lucius O'Trigger has been corresponding with. She tells a prospective suitor of her niece that "few gentlemen, now-a-days, know how to value the ineffectual qualities in a woman!" and calls someone "the very pineapple of politeness." For 10 points, name this aunt of Lydia Languish from Richard Brinsley Sheridan's *The Rivals* who lends her name to a term for incorrectly substituting one word for another.

ANSWER: Mrs. Malaprop

15. Description acceptable. At one of these temples, archaeologists found the remains of a jackdaw among 14,000 other animal remains, identifying the black birds sacred to this temple's religion. These temples were deliberately designed to resemble caves, sometimes converting an apartment building's basement in a city, and would have a mural of a ritual that involved a scorpion, a dog, a snake and a raven surrounding the title creature. These temples were used for seven grades of (*) initiation involving a catechism, very few details of

which are known. Over four hundred of these temples have been excavated in Belgium, Hungary, Germany, Wales, England, and other locations in Western Europe. Tauroctonies and banquets were held at these temples in honor of a principal deity who slew a bull and wore a Phrygian cap. For 10 points, name these temples dedicated to a Roman sun god cult.

ANSWER: Mithraeums [or temples of Mithras; prompt on Roman temples; do not accept “temples to Sol/Sol Invictus”] (Tamara)

16. One character in this novel spends his wedding night reading *La Philosophie dans de boudoir* by de Sade to himself rather than sleeping with his bride. A servant in this novel who constantly tried to scare a silent character into speaking is ironically killed by being frightened to death during an earthquake that also causes its protagonist to start shrinking. Another member of this novel’s central family, a doctor named Jaime (“Himay”), is killed and then his corpse dynamited after he refuses to swear that the President committed suicide following a (*) coup. The protagonist of this novel is elected to the Senate after becoming rich as the *patron* of Tres Marias hacienda. Jean de Satigny marries Blanca, the daughter of the clairvoyant Clara in this novel. Alternate chapters of this novel are narrated by Esteban Trueba. For 10 points, name this debut novel by Isabel Allende.

ANSWER: *The House of the Spirits* [or *La casa de los espíritus*]

17. Description acceptable. According to Catherine Merridale’s recent book on this event, smokers participating in it had to receive special “toilet tickets” to relieve their nicotine cravings and guards were not allowed to cross a chalk line demarcating an international border. Winston Churchill compared this event to the insertion of a “plague bacillus.” This event, the subject of a 1988 TV movie starring Ben Kingsley, was officially backed by the German government and started on the first day of the Battle of Arras. Shortly after the conclusion of this event, the man at the center of it published his (*) “April Theses.” This week-long event extended from Zurich through Sweden and Finland and took place on a sealed vehicle. This event allowed one man to catch the tail of the February Revolution. For 10 points, name this journey where a Communist leader was sent back to his home country.

ANSWER: Vladimir Lenin’s sealed train ride back to Russia [accept anything involving Vladimir Lenin returning to Russia or St. Petersburg or Petrograd in 1917 on a sealed train]

18. The paper outlining this statement, written at Brandeis University, was published in the third issue of the obscure journal *Physica Physique Fizika* and did not receive a single citation for four years. Diamond nitrogen-vacancy centers linked by a 1.3-kilometer-long fiber optic cable were used by researchers in Delft to close a loophole in previous tests of this statement. Yachting enthusiast John Clauser edited his paper providing the first experimental evidence of this statement on a sailing trip around the US; that experiment used (*) polarized photons. Modern proofs of this statement often imagine entangled qubits. This statement shows that local realism can be violated. For 10 points, name this theory that proves local hidden variable theories aren’t compatible with quantum physics.

ANSWER: Bell’s theorem [or Bell’s inequality]

19. In a publicity stunt, publisher George Davis unusually set up a printing press in this location in 1814 alongside elephants and bowling games. Chipperfield’s Circus originates from an event held in this location in 1684. Virginia Woolf’s Orlando meets a Muscovite during winter festivities at this location. More modern attractions above this location include the Emirates Air Line, a cable link built for a 2012 event near the ExCeL Center. In 1788, Beilby Porteus recorded taking part in an activity in this location by walking from (*) Fulham to Putney. Modern travellers can go under this location in the Blackwall Tunnel near the Millennium Dome and the Isle of Dogs. During the Little Ice Age, “frost fairs” would take place on this river. Each year, the Henley Royal Regatta takes place on this river. For 10 points, name this river that flows through London.

ANSWER: The Thames [accept answers like on top of the frozen River Thames; or Isis; prompt on London]

20. Description acceptable. Critic Michael Kimmelman complained about Nippon Television owning the sole copyright on Takashi Okamura’s photographs documenting this project. Art dealer Ronald Feldman circulated a petition signed by Andy Warhol opposing this project. Carrier developed a special air conditioning system as part of this project, since the windows in a certain building now had to be permanently closed. The people in charge of this project assumed that no *a secco* work had taken place and first focused on lunettes such as one depicting (*) Zorobabel. This project largely undid earlier efforts in the 17th

century by Simone Lagi, as well as shadowing possibly done by the original artist on scenes like *Separation of Light from Darkness*. For 10 points, name this controversial project that removed soot and improved the colors from works like the *Creation of Adam* and the *Last Judgement* in a Vatican chapel.

ANSWER: restoration of the frescoes in the Sistine Chapel [accept the restoration of the ceiling in the Sistine Chapel; accept the restoration of the Last Judgement in the Sistine Chapel before the end]

21. Dorit Abusch split the causes of this phenomenon into “soft” and “hard” types, depending on the “suspendability” of this phenomenon. Kai von Fintel’s notion of “Strawson entailment” differs from regular entailment in that it takes this phenomenon into account. Verbs that block this phenomenon from their embedded clauses are known as “plugs”, and verbs that don’t are called “holes.” The question of how that blockage works is known as the (*) Projection Problem. This phenomenon is also triggered by particles like “too,” “again,” and “only.” This phenomenon causes the “failure” illustrated by the sentence “The king of France is bald,” since it is not the case that there is exactly one king of France. For 10 points, name this phenomenon, where both the truth and falsity of one proposition imply the truth of another.

ANSWER: presupposition (Mia)

22. This man, who gave Joseph Heller’s *Catch-22* its first rave review, authored an investigative piece for *Esquire* on a murder in Paterson, New Jersey that sparked Bob Dylan’s interest in Rubin “Hurricane” Carter. This author is sent a crate with a wino in it by Richard Brautigan in *Trout Fishing in America*. His best-known novel popularized the phrase "a monkey on your back." He’s not Charles Bukowski, but the FBI kept a 500-page file on this American and refused to allow him to travel to Paris to see his lover, (*) Simone de Beauvoir. Lou Reed declined to make an Off-Broadway musical based on one of this author’s novels but did popularize that novel’s title in his song “Walk on the Wild Side.” This man won a National Book Award for a novel adapted into a Frank Sinatra film; that novel, based on his firsthand observations of Chicago’s heroin addicts, centers on Frankie Machine. For 10 points, name this author of *The Man with the Golden Arm*.

ANSWER: Nelson Algren

23. Werner Neumann founded a research archive in this city currently headed by Ton Koopman. It’s not Boston, but Andris Nelsons is the music director for an orchestra in this city still named for its former location above a clothing store. Johann Adam Hiller, who developed singspiel, directed the *Thomanerchor*, this city’s noted boys’ choir. An annual music festival in this home of the Gewandhaus Orchestra traditionally ends with a performance in St. Thomas Church with the (*) *Mass in B Minor*. This city’s University of Music and Theatre is named after a composer whose *Scottish Symphony* premiered here, Felix Mendelssohn. This city was the birthplace of Richard Wagner. For 10 points, name this city in eastern Germany where Johann Sebastian Bach worked for much of his career.

ANSWER: Leipzig [or Leipsic; or Lipsia]

24. In business case studies, a “defense” named for this fictional character is canonically exemplified by Bendix Corporation’s successful reversal of Martin Marietta’s hostile takeover attempt. The long list of clones of this character include K. C. Munchkin. Chapter 4 of the book *Racing the Beam* describes the challenge of porting this cereal mascot’s first game to a cartridge with just 4K of ROM. The creator of this character, Toru Iwatani, was inspired by “things women like” such as “fortune-telling, or food, or dating boyfriends” and more directly by a box of (*) pizza. In a sequel that started as a bootleg, a stork delivers this male character’s child during an intermission. A GameCube game titled for this character lets players with GBAs control Clyde and Blinky, two of his pursuers. For 10 points, give this namesake of a dot-eating arcade game by Namco.

ANSWER: Pac-Man [or Puck Man]

25. Michael Jones and Susana McFadden’s book *Art of Empire* examines Roman frescoes in this city, the only extant tetrarchic frescoes. Mary Beard has argued that the height of four inscriptions made by Julia Balbilla in this city are so high they must have been officially sanctioned; six percent of all extant inscriptions from Greco-Roman women are found here. A moving statue in this city was supposedly capable of raising its arm and selecting the next ruler from among the previous ruler’s line of male descendants. Over 100 examples of Greek and Roman graffiti survive on a "singing" statue erected in this city. This city was home to several (*) Colossi of Memnon and was the capital of the 18th Dynasty. The temple of Karnak was located in this city, and it’s

opposite the Valley of the Kings. For 10 points, name this city in Upper Egypt that had a Greek name shared with a city home to the Sacred Band.

ANSWER: Thebes [or Luxor; or Waset; or Nut; or Diospolis]

26. One character in this novel unhappily does a striptease to Bach after not being able to find any pop records in an apartment. The third section of this novel opens with some American exchange students discussing the phallic symbolism of the horns in Eugene Ionesco's *The Rhinoceros*. In its final section, Jan is kicked out of an orgy for not taking it seriously. Poets nicknamed Voltaire and Goethe appear in a section of this novel that examines the concept of (*) *litost*. One of the title concepts of this book is illustrated in Marketa's mother wrongly thinking she had recited a poem about the Austro-Hungarian Empire. A fictional version of this book's author gets a job writing astrology columns after a 1968 invasion of his country by the Soviets. In its fourth section, Tamina tries unsuccessfully to retrieve lost letters from her husband in Prague. For 10 points, name this seven-part Milan Kundera novel about memory.

ANSWER: The Book of Laughter and Forgetting [or Kniha smíchu a zapomnění]

27. Gary Marcus, who chaired a 2015 workshop on moving “Beyond [This Criterion],” argues for an alternative that might include “any arbitrary TV program or YouTube video.” One alternative to this criterion, now part of the GLUE benchmark, was formulated by Hector Levesque and involves two noun phrases and an ambiguous pronoun. Stuart Shieber is one of many critics of the Loebner Prize’s implementation of this criterion since it relies on non-specialists and one topic at a time. Winograd Schemas are alternatives to this criterion that ask questions like, “The ICT trophy will not fit in the brown duffel bag because it was so small. What was so small?” (*) ELIZA did well on this assessment by adopting the approach of a psychotherapist. “Reverse” versions of this assessment are implemented in systems like reCAPTCHA. For 10 points, give this test for assessing machine intelligence named for a British computer scientist.

ANSWER: Turing test [or the imitation game; accept reverse Turing test; prompt on answers like assessing machine intelligence or telling humans from a machine; if someone buzzes with Winograd Schema Challenge before mentioned, ask them “What is the Winograd Schema Challenge improving on?”]

28. This man, a "playboy" according to biographer P. J. Rhodes, gave up playing the aulos because it made his face look weird and spent his wife Hipparete’s dowry on funding seven different chariot race teams at the Olympic Games, gaining fame when his teams came in first, second and fourth. After this man's father, Cleinias, was killed in battle, he was raised by Pericles; he himself would be saved in a battle in Macedon by Socrates. He was killed after running naked out of his on-fire house after he was betrayed by Pharnabazos, a satrap of (*) Artaxerxes II. Following one incident, this man was allowed to return in his own flagship to face charges, but ran off while at Thurii. This man was accused of defacing the herms in the city prior to the departure of a disastrous military campaign during the Peloponnesian War. For 10 points, name this side-swapping figure from Greek history who was an original leader of the Sicilian Expedition.

ANSWER: Alcibiades

29. Matthew Restall’s book on the “World” of these people is a key text of New Philology. One rebellion amongst these people ended when winged ants were spotted, marking the traditional return to the fields for crop planting. A Christian cult amongst these people known as the Talking Cross successfully repelled a group they called dzul from some of their territories. The Lacandon branch of these people resisted conquest until the 20th century. A revolt of these people began a fifty-year long (*) Caste War in the second half of the 19th century. The EZLN or Zapatista Army of National Liberation was founded to protect these people from eviction. Murals found from this civilization at Bonampak depicting war scenes helped disprove the notion that these people were a largely peaceful society. For 10 points, name these people whose ancient culture centers included Palenque.

ANSWER: Maya [accept more specific answers like Chiapas Mayan or Lacandon Mayan before mentioned; prompt on indigenous people or indigenous Mexicans or indigenous Guatemalans]

30. TMEDA is a bidentate ligand that adds this element to aromatic compounds through the formation of a coordination-complex intermediate. A dialkylcuprate with this element is used to form ketones from acid chlorides without any further reactions. A superbases containing this element is used to form enolates from ketones without a competing nucleophilic attack. This element and (*) aluminum hydride form a compound that

can reduce carboxylic acids and their derivatives, unlike sodium borohydride. Organometallic compounds with this element are often used as an alternative to Grignard reagents to form nucleophiles used in forming carbon-carbon bonds. THF can be used to form a coordination complex with the cation in this element's namesake ion battery. For 10 points, name this third lightest element and alkali metal.

ANSWER: lithium (Vikshar)

31. Some holders of this position argue that evidence is provided for it by the Frege-Geach problem, which arises from the fact that *modus ponens* is surprisingly still valid in a certain type of reasoning. A "quasi" form of this position is advanced by Simon Blackburn, who argues that this position is false, but that linguistically, people behave as though it is true. A "non-naturalist" form of this position was propounded by G.E. Moore, who pointed out that a certain class of properties are not reducible to natural properties with his Open Question Argument. Some opponents of this position hold "non-cognitivist" views, such as emotivism, which is also known as the (*) "hurrah/boo theory" because it claims that certain sentences are merely speech acts that express the speaker's attitude rather than expressing propositions about morals. For 10 points, name this position, which holds that moral claims have truth values, and that some of them are in fact true.

ANSWER: moral realism [prompt on realism] (Mia)

32. The 2019 book *The Last Secret* published speeches about this event where 17 people all started their address with a variant of the phrase "I completely support." In the aftermath of this event, over 500 corporations signed up for a crowd-sourced campaign to fax news about it to every company listed in another country's Yellow Pages. In 2001, *Foreign Affairs* published excerpts from some "papers" named for this event showing the response to it by "The Elders." This event is sometimes referred to with the date of May 35th. In the leadup to this event, some activists staged a hunger strike to protest a state visit from (*) Mikhail Gorbachev. Protestors during this event gathered to demand a proper funeral for the recently deceased official Hu Yaobang. PLA soldiers were praised as "martyrs" in a speech given after this event by Deng Xiaoping. For 10 points, name this massacre carried out by the Chinese government in 1989.

ANSWER: Tiananmen Square massacre [or Tiananmen Square protests; or Tiananmen Square incident; or 8964; accept 1989 Democracy movement in China before the end; accept June Fourth Incident or May 35th or before May 35th is mentioned]

33. Alain Resnais's only Oscar was for a short film about this man. In *Manhattan*, Woody Allen's character flinches at Diane Keaton's character pronunciation of this man's name in a discussion on overrated people. He proclaims "to me this seems beyond belief" and is played by Martin Scorsese in Akira Kurosawa's film *Dreams*. The Polish Film Institute funded a 2017 movie co-directed by Dorota Kobiela and Hugh Welchman about "Loving" this man that was the world's first (*) fully-painted animated feature. In 1990, Paul Rhys and Tim Roth starred in a Robert Altman film about this artist and his brother. Willem Dafoe played in *At Eternity's Gate*, a 2018 film whose title comes from a painting this man made of a man in blue burying his face into his hands. Films about this person often feature actors playing Armand Roulin, Paul Gachet, and his brother Theo. For 10 points, name this artist of *The Potato Eaters*.

ANSWER: Vincent van Gogh [prompt on Vincent]

34. A recent variation on this study that tested a population of Germans and Kikuyus saw positive results in the "dependent condition" when two subjects were paired up. John Protzko found that subjects have gotten a fifth of a standard deviation better at this experiment each decade. In 2018, Watts et al replicated this study, showing its effects were reduced by two-thirds when controlling for family background. Video of the original version of this study, which Daniel Kahneman attests is hilarious, features some successful subjects (*) averting their eyes from the title objects. Kidd et al. argued that this experiment measured its participants' trust in authority, rather than what it claimed to measure. Subjects in this experiment who did not ring a bell went on to have higher test scores. For 10 points, name this delayed gratification study originally conducted by Walter Mischel at Stanford with a namesake snack.

ANSWER: Stanford marshmallow experiment [or oreo test]

35. In 2018, Jun Ying, CIO of one of these businesses, pleaded guilty to insider trading in a scandal that cost CEO Rick Smith his job. Lewis Tappan used his contacts in the American Anti-Slavery Society to build the first modern business of this type, the Mercantile Agency. One of these businesses traces its origins to annual

updates to *History of Railroads and Canals in the United States* published by Henry Varnum Poor. One of these businesses called Fair Isaac pioneered the use of demographic factors like telephone ownership. These businesses were obligated to correct errors following the passage of a 1970 (*) “fair recording” act. In 2019, another of these businesses had to send a correction stating people wouldn’t receive anything close to \$125 in a data breach settlement; that firm is a rival of Experian. For 10 points, Equifax is an example of what type of business that banks use to determine the riskiness of a loan?

ANSWER: credit bureaus [or credit rating agencies; or CRA; Fair Isaac’s name lives on in the FICO score]

36. This band’s final #1 hit, which appeared with a cover of Little Richard’s “Tutti Frutti” on the B-Side, was based on an unreleased Mamas and the Papas track and lost out to Phil Collins’s “Groovy Kind of Love” for Best Original Song at the Golden Globes. This band’s track “Shut Down” was one of eight included in a medley during the height of the early ‘80s medley craze; another ‘60s song on that medley describes a girl who “forgot all about the library” because “she cruised to the (*) hamburger stand.” Sandals rebranded their resort in Montego Bay to be named for a 1988 single by this band from the *Cocktail* soundtrack that has a chorus listing places like Aruba, Jamaica and Kokomo. The 2014 film *Love & Mercy* is a biopic of this band’s creative leader, Brian Wilson. For 10 points, name this rock band known for surf-tinged songs of the 1960s like “Good Vibrations.”

ANSWER: The Beach Boys

37. One section of this text asserts that “true contrition seeks and loves penalties” and elsewhere highlights the “madness” of the notion that if someone committed “an impossible sin and violated the Mother of God” that the sin could be absolved. In denouncing the doctrine of the Treasury of Merit, the author of this text asserts, “the true treasure of the Church is the Most Holy Gospel.” A lengthy explanation of this text partially addressed to Johann von Staupitz built on the “theology of the cross” its author had subsequently developed in the (*) *Heidelberg Disputation*. This text, which was publicized on October 31st, 1517, is alternatively titled “Disputation on the Power and Efficacy of Indulgences.” For 10 points, name these documents supposedly nailed to the door of Wittenberg Castle by Martin Luther, commonly named for the number of articles in them.

ANSWER: Ninety-five Theses [accept Disputation on the Power and Efficacy of Indulgences before mentioned]

38. Michael Kwok developed a program to assist in solving this problem that relies on NewPGen. Advancements on this problem were made by the GPY paper, but mathematicians were unable to extend GPY to achieve a $4/7$ ratio developed in the 1980s by Bombieri et al. Terence Tao led an effort to optimize a lower bound in a partial proof of this statement. A constant value of about 0.66 that shares its name with this statement was developed by Hardy and Littlewood; another generalization of this statement was made in the 19th century by Alphonse de (*) Polignac. In 2013, an otherwise unknown mathematician named Yitang Zhang used a sieve to prove a version of this statement that was bound by a factor no larger than 70 million. For 10 points, name this conjecture that states that there are an infinite number of non-composite numbers that differ by only 2.

ANSWER: twin primes conjecture [or prime pairs conjecture; accept Polignac's Conjecture or Hardy-Littlewood Conjecture before mentioned]

39. The Baghdad-based narrator of one story by this author declares, “My journey to the past had changed nothing, but what I had learned had changed everything;” that story was inspired by Kip Thorne. An earlier story by this author centers on a vote at a university on whether to require students to have a neuro-implant to eliminate “lookism.” The story “The Merchant and the Alchemist’s Gate” opens this man’s most recent collection, *Exhalation*. In his best-known collection, a miner from Elam spends years climbing the title structure, which is revealed to loop back to the surface. This author of (*) “Tower of Babylon” wrote a story where Flapper and Raspberry are two heptapods contacted by the linguist Dr. Louise Banks. For 10 points, name this Chinese American author of sci-fi works such as “Story of Your Life,” which was adapted into the film *Arrival*.

ANSWER: Ted Chiang [or Chiang Feng-nan]

40. Theodore Roosevelt is a character in Francis Patrelle’s long-running “Yorkville” version of this work. Another adaptation of this work partially set in the Cotton Club was staged in 1996 by Donald Byrd and is commonly referred to as the “Harlem” version. Michelle Dorrance staged a “Rhythmaturgical Evocation of the Super-Leviathonic Enchantments” adaptation of a 1960 jazz suite based on this work by Billy Strayhorn and Duke Ellington that contained tracks like “Danse of the Floreadores.” Animated dancing mushrooms

feature in the (*) “Chinese Dance” section of a suite based on this work included in Disney’s *Fantasia*. The most famous orchestrator of this work played Drosselmeyer in its 1954 debut; that George Balanchine version of this ballet has performed every Christmas. “The Dance of the Sugar Plum Fairy” appears in, for 10 points, what ballet composed by Pyotr Tchaikovsky?

ANSWER: *The Nutcracker* [or *Shchelkunchik*; accept *The Nutcracker Suite* or *The Harlem Nutcracker* or the *Yorkville Nutcracker*]

Bonus Tiebreaker Tossup:

TB. Description acceptable. One parody of this action takes place as Ginger and Rocky escape from a pie factory in the film *Chicken Run*. Puss parodies this action while stealing a potion in *Shrek 2*. Shortly before a scene parodying *Mission Impossible* in the Natural History Museum, Paddington performs this action after having a conversation with Mr. Brown through a window. Another parody of this action takes place as a character runs towards a bus in a scene that begins with a shot of "Homer's Change: DON'T TOUCH!" This action takes place by Bart in the beginning of "Bart's Friend Falls in Love" in a (*) garage. The original version of this action follows a scene where Willie is told "you feel inside" and Short Round blames Willie for causing a spiked ceiling to start falling. For 10 points, name this action done by Indiana Jones to prevent a signature clothing item from being separated from him.

ANSWER: **grabbing a hat from underneath a closing door** [prompt on just grabbing a hat by asking “from where?”; prompt on just answers like escaping a closing door by asking, “What’s the next action that takes place after that?”]