

## Harvard Fall Tournament XII

Edited by Raynor Kuang

Questions by Raynor Kuang, Jiho Park, Robert Chu, Alex Cohen, Michael Yue, Erik Owen, Jonathan Suh, Roger Jin, Michael Horton, Sriram Pendyala, and Josh Xiong



Round 2

Tossups

1. This thinker developed an interest in neoliberalism toward the end of his career and believed it to be “much less disciplinarian” than communism or socialism. In one work, he distinguished between characterizations of a certain behavior in the Renaissance, “classical,” and modern periods and described a “Great Confinement.” This thinker considered the execution of the regicide (\*) Robert-François Damiens as well as the “unequal gaze” of the panopticon in a book whose title contrasts the different purposes of penal systems. For 10 points, name this French post-structuralist thinker who wrote *History of Madness* and *Discipline and Punish*.  
ANSWER: Michel Foucault <Jin>

2. Among this film’s many uncredited screenwriters was the poet Ogden Nash. An exorbitantly expensive dance number called “The Jitterbug” was cut from this film, and Victor Fleming left directing it to work on *Gone with the Wind* instead. Harold Arlen composed a song from this film in which the singer wishes to be (\*) “way up high” and “Somewhere over the rainbow.” This film changes from sepia to Technicolor shortly before the protagonist meets Glinda the Good and the Munchkins on the Yellow Brick Road. For 10 points, name this movie including characters like Dorothy Gale and the Wicked Witch of the West.  
ANSWER: *The Wizard of Oz* <Chu>

3. Some South African tribes believe the vampiric impundulu is able to control these things, and Veles would return to his water underworld after being struck with examples made of stone and wielded by Perun. Similarly, one of these things named the Vajra was used to kill Vritra and was wielded by (\*) Indra, and one item related to these things has a notably short handle. In preparation for the war against the Titans, the Cyclopes forged these weapons for the leader of the Olympians, and the hammer Mjölnir [“MYOWELL-neer”] allowed Thor to wield this weather phenomenon. For 10 points, name these weapons wielded by Zeus.  
ANSWER: lightning bolts (or thunderbolts; accept lightning) <Owen>

4. SN2 reactions have a transition state where the central carbon has this valency. This is the number of translational plus rotational degrees of freedom for a linear diatomic molecule. Compounds with the square-pyramidal geometry have this many (\*) ligands bound to the central atom. In its full combustion, one molecule of propane reacts with this many molecules of oxygen, and it’s *half* the number of electrons in a filled *d*-subshell. This is the atomic number of boron, and the nitrogen group has this many valence electrons. For 10 points, give this number of carbon atoms in the molecule pentane.  
ANSWER: five <Pendyala>

5. In one story by this man, Gloria is nearly killed in a factory before being rescued by the title “Robbie”. Speedy repeatedly runs around a selenium pool for no apparent reason in one story by this man that appears in a collection narrated by Dr. Susan Calvin, and Hari Seldon invents the science of psychohistory in this man’s (\*) *Foundation* trilogy. One book by this man includes requirements for certain things “to protect its own existence” and “not to injure a human being.” For 10 points, name this science-fiction author who put forth the Three Laws of Robotics in his short-story collection *I, Robot*.  
ANSWER: Isaac Asimov <Kuang>

6. This person cited Dick Cheney, Darth Vader, and Satan during an interview in which he also claimed that “darkness is good.” This person called Mitch McConnell “one of the most corrupt individuals in this country” in a speech endorsing Roy Moore. *Vanity Fair* published an article titled the “Inside Story of” (\*) Jared Kushner and this man, who was portrayed as the Grim Reaper on *Saturday Night Live*. This person resigned his White House position on August 18, 2017 and subsequently rejoined Breitbart News. For 10 points, name this former White House Chief Strategist and former chief executive of the Trump campaign.

ANSWER: Stephen Kevin “Steve” **Bannon** (prompt on the Grim Reaper before it’s mentioned) <Park>

7. One party in this election attacked its opponent for an “anarchy plank” in its platform and general “Altgeldism.” Thomas Watson and Arthur Sewell were running mates of the same candidate in this election, and it ushered in the Fourth Party System. Mark (\*) Hanna pioneered modern campaign techniques in this election by running a campaign from his candidate’s “front porch” in Canton, as the opposing candidate meanwhile ran on a platform of Free Silver and delivered the “Cross of Gold” speech. For 10 points, name this election in which William McKinley *first* defeated William Jennings Bryan, the last election in its century.

ANSWER: **1896** U.S. presidential election <Horton/Kuang>

8. Lck activation in these cells leads to ITAM phosphorylation and ZAP70 binding. Inhibitory checkpoint proteins found on these cells’ surfaces include CTLA-4 and PD-1. Steven Rosenberg’s lab engineered these cells to express CARs. These cells are called “double negative” if they lack both (\*) CD4 and CD8, the latter of which is expressed by its cytotoxic type. Depletion of these cells’ “helper” type leads to acquired immunodeficiency syndrome, and these cells undergo positive and negative selection in the thymus. For 10 points, name these lymphocytes usually contrasted with B cells.

ANSWER: **T cells** (or **T lymphocytes**) <Park>

9. In one story about this writer, he meets an old woman trying to grind a large iron rod into a needle. The speaker meditates that “Life in the world is but a big dream” at the beginning of one of his poems, while in another the speaker (\*) “dips [his] head” and thinks of his hometown. This man wrote “Waking from Drunkenness on a Spring Day” and “Quiet Night Thoughts,” and his “The River Merchant’s Wife: A Letter” was translated by Ezra Pound. This poet apocryphally drowned after trying to reach the moon’s reflection in the water, and he wrote the poem “Drinking Alone by Moonlight.” For 10 points, name this Tang Dynasty Chinese poet.

ANSWER: **Li Bai** (or **Li Po** or **Li Bo**) <Cohen>

10. This scientist names a function that’s the propagator for the Klein-Gordon equation, and he names a notation in which scalar operations written with a “slash” are equal to their namesake vector operators contracted with the vector of gamma matrices. He popularized the “differentiation-under-the-integral sign” trick, and with John Wheeler, this scientist developed the (\*) path integral. This man won the Nobel Prize for his work on quantum electrodynamics, and he names a diagram displaying particle interactions. For 10 points, name this American physicist who wrote a book whose title asks him, “*Surely You’re Joking!*”

ANSWER: Richard (Phillips) **Feynman** <Pendyala>

11. A sculpture showing this subject has a small crack in its ankle from its center of mass not aligning with the center of mass of the sculpture’s base. The last work commissioned by Cardinal Scipione Borghese by one artist showed this subject twisting his torso in implied movement, about to unleash a certain object. (\*) Bernini made one sculpture of this figure, and Donatello made a notable bronze sculpture of him with his enemy’s decapitated head at his feet. The most famous sculpture of this subject is located in the Galleria dell’Accademia in Florence. For 10 points, name this biblical king whom Michelangelo sculpted holding a sling.

ANSWER: **David** <Jin>

12. In a story by this man, a dark figure welcomes converts to “the communion of [their] race” at a meeting where the protagonist sees the “teacher of the catechism” Goody Cloyse before chasing after the pink ribbon of his wife Faith. The Reverend Hooper refuses to remove the title (\*) garment in one of his stories, and in another Beatrice is raised on poisonous plants by Rappaccini. This man wrote “Young Goodman Brown” and “The Minister’s Black Veil,” as well as a book in which the protagonist has Arthur Dimmesdale’s child Pearl. For 10 points, name this American who described the ostracization of Hester Prynne in *The Scarlet Letter*.

ANSWER: Nathaniel Hawthorne <Yue>

13. A movement by this composer begins by alternating between E minor and G-sharp minor chords in 5/4 time, and he set several hymns from the Rig Veda to music. This composer wrote two suites in E-flat and F for band, the latter of which contains a Fantasia on the Dargason that also concludes his (\*) *St. Paul’s Suite*. The last movement of a work by him features a wordless six-part female chorus. This man wrote a work containing a movement with a *col legno* march-like ostinato in 5/4 time, and has movements subtitled “the Mystic” and “the Bringer of War.” For 10 points, name this composer who named movements after Jupiter and Mars in his *The Planets*.

ANSWER: Gustav Holst <Yue>

14. Members of this organization commonly used a dust-like substance called nitrophenyl pentadienal, or NPPD to track their enemies. So-called “active measures” were pursued by this organization’s First Chief Directorate. This non-American agency employed Aldrich Ames and Robert Hanssen. Bulgarian writer Georgi Markov was poisoned by this organization using a (\*) ricin pellet hidden inside an umbrella, and it grew out of the earlier NKVD. Before leading their country, both Yuri Andropov and Vladimir Putin worked for this agency. For 10 points, name this chief intelligence agency of the Soviet Union.

ANSWER: KGB (or Komitet Gosudarstvennoy Bezopasnosti; or the Committee for State Security; prompt on Soviet/Russian secret police or Soviet/Russian intelligence or Soviet/Russian spies or other descriptive answers) <Chu>

15. John Travolta walks down the street eating this foodstuff in the opening scenes of *Saturday Night Fever*. The DXP is a special vehicle associated with this food that was launched under the CEO J. Patrick Doyle, and in *Remedial Chaos Theory*, dice are thrown to determine who has to attain this food. In frustration, Walter White (\*) throws some of this food onto the roof of his house, and Peyton Manning serves as a spokesman for a chain for this food whose founder has the real name John Schnatter. The Teenage Mutant Ninja Turtles are known for absolutely loving this food. For 10 points, name this food with notable Sicilian and deep dish varieties.

ANSWER: pizza (accept za; accept specific types) <Kuang>

16. The first-ever Indian-born saint, Gonsalo Garcia, was one of 26 Christians who were crucified in this city in 1574. This city was the site where scientific information known as “Dutch learning” entered the country it is located in. Because he returned to this city after a business trip, Tsutomu Yamaguchi became the only officially recognized (\*) “double” *hibakusha*. This city was the object of a mission where a device known as “Fat Man” was used three days after the best-known mission of the *Enola Gay*. For 10 points, name this Japanese city where the second nuclear bomb was dropped, after Hiroshima.

ANSWER: Nagasaki <Chu>

17. **Jesa is a Korean religious practice often centering around these people. Sections IV and V of the Clement XI's bull *Ex illa die* prohibited the worship of these people in an attempt to resolve a particular country's "Rites Controversy." The spring Qingming ["ching-ming"] Festival involves ritually sweeping the residences of these non-deity (\*) people, and "hell money" is meant to be used by these people after being burnt as an offering to them in Chinese ceremonies. The concept of filial piety revolves around respect for these people. For 10 points, name these people who may be worshipped by visiting a family grave.**

ANSWER: ancestors (accept dead relatives or any other synonyms; accept elders; accept parents and synonyms; prompt on the dead by asking, "who is dead?"; prompt on family or relatives before the end of the question) <Chu>

18. **Two years after the conclusion of this war, Cardinal Giulio Alberoni helped engineer the War of the Quadruple Alliance to retake Sicily. Admiral George Rooke fought the Battle of Málaga in this war after successfully taking Gibraltar. The (\*) Duke of Marlborough and Eugene of Savoy successfully defended Vienna at the Battle of Blenheim in this war that was ended by the Treaty of Utrecht. This war began after the death of the enormously inbred Charles II and led to the ascent of Philip V. For 10 points, name this war in which Leopold I of Austria and Louis XIV fought over claims to an Iberian throne.**

ANSWER: War of the Spanish Succession <Horton>

19. **Description acceptable. One member of this group tells the others, "I know you what you are," and warns that "Time shall unfold what plighted cunning hides." One man tells a member of this group that "Nothing will come from nothing," and that man raves wildly in a (\*) storm after being incensed by members of this group. Two members of this group are married to the Duke of Cornwall and of Albany, and after the youngest of this group refuses to say how much she loves her father, the other two begin a civil war. This group consists of Goneril, Regan, and Cordelia. For 10 points, name this trio of children to the title royal in a Shakespeare play.**

ANSWER: the daughters of King Lear (accept children in place of "daughters"; accept, collectively, Cordelia, Regan, and Goneril until their names are read; anti-prompt [ask for less specific] on any individual of the sister's names; prompt on anything generally describing "characters in King Lear") <Kuang>

20. **This is the smallest  $n$  for which the  $n$ th pedal triangle is similar to the original triangle. Using standard triangle point names, this is the ratio of the lengths of OH ["O-H"] to OG ["O-G"]. The problem of Apollonius involves finding circles tangent to this many other circles, and Heron's formula gives the (\*) area of polygons with this many sides. The angle bisector theorem concerns figures with this many sides. In the smallest Pythagorean triple, this is the shortest leg length, along with lengths of four and five. For 10 points, what is the smallest number of sides a polygon can have?**

ANSWER: three (accept word forms) <Xiong>

21. **Reacting these compounds with excess methyl iodide generates an intermediate also known as a "quat" that carries a positive charge; alkenes are produced when that compound is heated in the presence of silver oxide in the Hofmann elimination. The side chain of lysine contains the functional group that characterizes these compounds. They can be formed by the reduction of (\*) nitro compounds. They have "pKb" values around 5 and are thus weak bases, and they react with carboxylic acids to form amides. For 10 points, name these organic compounds characterized by an NH<sub>2</sub> group.**

ANSWER: amines (do not accept or prompt on "amides") <Pendyala>

## Bonuses

1. The oldest veterans' memorial in the U.S. is in this state where colonists were tortured to death by Narragansett Indians at a site called Nine Men's Misery. For 10 points each:

[10] Name this state. A 1663 charter incorporated Providence Plantations into the land that would become this state, the smallest by area in the Union.

ANSWER: State of **Rhode Island** and Providence Plantations

[10] Providence Plantations was founded by this man after he was exiled from Massachusetts. This man's governance was characterized by such crazy ideas as religious tolerance and actually being nice to Indians.

ANSWER: Roger **Williams**

[10] In 1772, Rhode Island was the site of the burning of this British customs ship after it ran aground, leading to inflamed tensions between the British government and colonists.

ANSWER: HMS **Gaspee** (accept the **Gaspee** Affair) <Chu>

2. The theme from Niccolò Paganini's Twenty-fourth Caprice in A minor has inspired piano variations from many composers. For 10 points each:

[10] Name this composer who inverted the theme in the D-flat major Eighteenth Variation in his *Rhapsody on a Theme of Paganini* for piano and orchestra.

ANSWER: Sergei **Rachmaninoff**

[10] This piano virtuoso's last of six Grand Paganini Etudes was based off the Twenty-fourth Caprice. This Hungarian composer's other works for piano include the Transcendental Etudes and the Years of Pilgrimage.

ANSWER: Franz **Liszt**

[10] This composer created two books of fourteen variations each on Paganini's theme. He also wrote variations on an F-sharp minor theme by Schumann as well as a set of 25 variations and a fugue on a theme from Handel's Harpsichord Suite No. 1.

ANSWER: Johannes **Brahms** <Yue>

3. For 10 points each, name these commonly-used keywords in programming:

[10] This keyword is used to carry out certain statements under given logic conditions. It's often paired with an "else" statement given that the conditional statement does not hold true.

ANSWER: **if**

[10] In object-oriented programming, this keyword designates a structure that can later be instantiated to make objects or call methods on. In CSS, this term also refers to user defined style elements.

ANSWER: **class**

[10] In Java, C, and Python this keyword is often used in debugging to check that certain conditions hold true. In Java, passing the flag -ea ["hyphen e a"] enables statements beginning with this keyword.

ANSWER: **assert** <Xiong>

4. In one section of this work, the exploits of the hero Rostam are detailed. For 10 points each:

[10] Name this long epic poem written by Ferdowsi, the national epic of a large cultural region in the Middle East and Central Asia.

ANSWER: **Shahnameh**

[10] *Shahnameh*, to some extent, talks about the historical past of the Persian Empire in this modern-day country.

ANSWER: Islamic Republic of **Iran** (or Jomhuri-ye Eslāmi-ye **Irān**)

[10] This 13th century Iranian Sunni poet, scholar, and mystic wrote the *Masnawi*. His most commonly used name is a Nisba which indicates that he is "from Roman Anatolia."

ANSWER: Jalāl ad-Dīn Muhammad **Rūmī** (or Jalāl ad-Dīn Muhammad **Balkhī** or **Mevlânâ** or **Mawlānâ** or **Mevlevî** or **Mawlawī**) <Cohen>

5. There are ten recognized school of *qira'at*, or performing this action. For 10 points each:

[10] Name this action, which is done by a *qari* according to the rules of *tajwid*. A *hafiz* can notably perform this act without a certain tool.

ANSWER: **reciting the Quran** (or **reading the Quran**; accept any obvious equivalents; a *hafiz* can recite the Quran from memory)

[10] This Christian denomination maintains the upkeep of Reading Rooms for quiet study. It was founded by Mary Baker Eddy, and its Mother Church is in Boston.

ANSWER: **Christian Science** (or **Church of Christ, Scientist**)

[10] Upon coming of age, a Jewish adherent attends one of these ceremonies and is called on to read from the Torah. You can give either the boy or girl equivalent.

ANSWER: **bar mitzvah** or **bat mitzvah** <Kuang>

6. Very few ancient Greeks were lucky enough to be given immortality. For 10 points each:

[10] This warrior was practically invincible, except for a fatal flaw in his heel which proved he was decidedly non-immortal.

ANSWER: **Achilles**

[10] Zeus kidnapped this Trojan prince from Mount Ida and made him the cupbearer to the gods. He replaced Hebe, who had retired to marry the immortal Heracles.

ANSWER: **Ganymede**

[10] This daughter of Cadmus transformed into the immortal “white goddess” after jumping into the sea with her son Melicertes. She later helped save Odysseus’ life after a shipwreck.

ANSWER: **Ino** (or **Leucothea**) <Suh>

7. Answer the following about Renaissance master Correggio’s paintings of Jesus, for 10 points each:

[10] Correggio’s *Assumption of the Virgin* is a ceiling painting which uses this technique, a foreshortening of figures on an artwork meant to be displayed above the viewer. Its name is Italian for “from under, above.”

ANSWER: **di sotto in sù**

[10] *The Virgin of the Sandal* is a Correggio work depicting Jesus, Mary, and this religious figure, who is the other naked baby in Raphael’s *Madonna of the Goldfinch*.

ANSWER: **John the Baptist** (prompt on **John**)

[10] Correggio painted a crown of thorns in his depiction of Christ’s body part of this type. The Olmecs are famous for their large stone sculptures of these body parts.

ANSWER: **heads** (accept **Head of Christ**) <Chu>

8. In this author’s most famous work, the taste of a madeleine dipped in tea sets the narrator off on a long-winded bout of reminiscing and nostalgia. For 10 points each:

[10] Name this author who wrote that work, *In Search of Lost Time*, often considered to be one of the world’s longest novels.

ANSWER: (Valentin Louis Georges Eugène) Marcel **Proust**

[10] This other French writer and frenemy of Marcel Proust notably negatively reviewed *In Search of Lost Time*. His own works include *Straight is the Gate* and *The Immoralist*.

ANSWER: André (Paul Guillaume) **Gide**

[10] Proust and Gide both shared this characteristic. Oscar Wilde was jailed for violating morality laws targeting people with this characteristic.

ANSWER: being **gay** (or any answer indicating **homosexuality**) <Cohen>

9. Growing up with the movies can be metaphorical, literal, and just plain pun. For 10 points each:

[10] Name this director who spent an actual 12 years filming a movie spanning 12 years of adolescence, *Boyhood*.

ANSWER: Richard Linklater

[10] This actor makes an impressive dunk in his role as the *Teen Wolf*. He also played Marty McFly in the *Back to the Future* franchise.

ANSWER: Michael J. Fox (or Michael Andrew Fox)

[10] This many “angry men” form a jury in a Sidney Lumet film in which the Henry Fonda played Juror #8 convinces the rest of the jury not to convict an apparent murderer.

ANSWER: 12 (accept Twelve Angry Men) <Kuang>

10. Answer some questions about beluga whales in the United States, for 10 points each:

[10] You can find belugas at this city’s Georgia Aquarium, which is also home to the World of Coca-Cola. Pay close attention to Google Maps when you’re there, since 71 streets in this city have a variant of “Peachtree” in their name.

ANSWER: Atlanta

[10] This Connecticut village’s aquarium is the only place in New England where you can see belugas. This village is located between Groton and Stonington, and its seaport is the largest maritime museum in the United States.

ANSWER: Mystic

[10] Another place you can find belugas is SeaWorld, which has locations in Orlando, San Antonio, and this city. Other attractions in this city include Balboa Park and the historic Gaslamp Quarter.

ANSWER: San Diego <Park>

11. This scientist proposed that genetic information was stored in aperiodic crystals. For 10 points each:

[10] Name this physicist, whose time-independent equation relates the Hamiltonian of a certain function to the energy of that function. He also described a thought experiment about an animal simultaneously alive and dead.

ANSWER: Erwin Rudolf Josef Alexander Schrödinger

[10] That function in Schrodinger’s equation is named for these entities. A basic result from quantum mechanics is that particles can also be described as these entities.

ANSWER: waves

[10] Schrodinger’s equation is often applied to solve this system in which a zero potential well is surrounded by infinite potential outside the well.

ANSWER: particle in a box <Jin>

12. Answer some questions about the Hōjō clan, for 10 points each:

[10] The Hōjō were the effective rulers during this shogunate named for a city that’s today famous for a large Buddha statue. This shogunate took power after the Heian period.

ANSWER: Kamakura shogunate

[10] Hōjō rulers fought back Kublai Khan’s attempts to invade Japan, aided by these “divine winds.” During World War II, this term referred to pilots who intentionally flew their planes into American ships.

ANSWER: kamikaze

[10] The “Later,” but unrelated Hōjō clan were prominent during the Sengoku period, also known by this name. A period in Chinese history also held this name indicative of the prevalence of conflict during both the Japanese and Chinese eras.

ANSWER: Warring States period <Chu>

13. This man successfully secured patents for the elements curium and americium. For 10 points each:

[10] Name this chemist. He proposed that elements with certain magic numbers of protons and neutrons would have unusually long half-lives, a prediction known as the island of stability.

ANSWER: Glenn Theodore **Seaborg**

[10] Seaborg's major elemental discoveries are classified as being "trans-[*this element*]," or having an atomic number greater than 92. This element is often used as fuel for nuclear reactors.

ANSWER: **uranium** (accept trans**uranium** elements; prompt on U)

[10] Seaborg led the first major efforts to discover and synthesize transuranium elements while at this university. Element 98 is named for the state this university is in and element 97 is named after the university itself.

ANSWER: University of California, **Berkeley** (prompt on Cal) <Xiong>

14. The author of this poem explained one figure in it as "that Divine and Unseen Who is always guiding us." For 10 points each:

[10] Name this poem likely written as an elegy for the author himself. It describes sailing into the open ocean and affirms a wish "to see my Pilot face to face."

ANSWER: "**Crossing the Bar**"

[10] "Crossing the Bar" is a poem by this man, whose other life affirming works include "Ulysses." His not so affirming works include "The Charge of the Light Brigade," which describes a disastrous military affair.

ANSWER: Alfred, Lord **Tennyson**

[10] Tennyson wrote his poem "Tears, Idle Tears" after visiting this location. Some lines written "a few miles above" this location were made by William Wordsworth.

ANSWER: **Tintern Abbey** <Kuang>

15. This woman carried out her most famous action to make her husband Leofric lower taxes. For 10 points each:

[10] Name this woman who legendarily rode through the town of Coventry naked on horseback, covered only in her long hair.

ANSWER: Lady **Godiva**

[10] The only person to look at Lady Godiva during her ride was this infamous voyeur, whose name now describes any person who derives pleasure from observing other people in illicit activity.

ANSWER: **Peeping Tom**

[10] Several centuries later, the Nazis ruthlessly bombed Coventry. According to myth, the British had discovered beforehand but chose not to warn Coventry to hide their discovery of the solution to this "code" using a device at Bletchley Park.

ANSWER: **Enigma** code <Kuang>

16. Name some things related to the most indestructible organism in the world, for 10 points each:

[10] These aquatic micro-animals can survive dehydration, freezing temperatures, and ionizing radiation. According to a July 2017 study in *Scientific Reports*, these organisms will likely last for at least 10 billion years.

ANSWER: **tardigrades** (or **water bears**)

[10] Tardigrades are the first known animals to survive in this environment. Since it is above the Armstrong limit, humans must wear protective clothing in this environment to prevent their body fluids from boiling away.

ANSWER: outer **space**

[10] Scientists attribute the remarkable hardiness of tardigrades to their ability to enter this reversible physiological state. There are five types of this state, and they are all characterized by the absence of metabolic processes.

ANSWER: **cryptobiosis** (accept word forms) <Park>

17. For 10 points each, answer the following questions about the January 1981 cover of *Rolling Stone* magazine:

[10] The cover depicts this famous musician curled up naked next to his wife. This musician was assassinated later on the day that the photo was taken, and was the frontman of the band behind hits like “Strawberry Fields Forever.”

ANSWER: John **Lennon**

[10] This woman took that photo of John Lennon and Yoko Ono. This person became the first woman to hold an exhibition at the National Portrait Gallery in 1991.

ANSWER: Annie **Leibovitz**

[10] Leibovitz also photographed Shaquille O’Neal, Dr. Phil, Miley Cyrus, and other celebrities as part of this advertising campaign, in which celebrities sporting white mustaches ask the title question concerning a certain beverage.

ANSWER: **got milk?** <Cohen>

18. A work by this man includes aptronyms like Mr. Gore and Mr. Severe. For 10 points each:

[10] Name this former slave and prominent abolitionist who wrote an autobiography of his life and final escape from the South.

ANSWER: Frederick **Douglass**

[10] At one point in the *Narrative of the Life of Frederick Douglass*, Douglass sees these things heading to a Northern port and delivers a stunning apostrophe about how they symbolize freedom. The *Hesperus* is one of these in a Longfellow poem.

ANSWER: **ships** (or **boats** or any other reasonable equivalent)

[10] This other novel begins, “Ships at a distance have every man’s wish on board.” The protagonist of this book variously marries Logan Killicks, Jodie Starks, and Tea Cake, the last of whom is mercy killed after contracting rabies.

ANSWER: **Their Eyes Were Watching God** (by Zora Neale Hurston) <Cohen>

19. This book illustrates the limitations of one part of the mind with the acronym *WYSIATI*, or “what you see is all there is.” For 10 points each:

[10] Name this book by Dan Kahneman. Its title references Kahneman’s description of the mind as being split into an intuitive “System 1” and a more logical and deliberative “System 2.”

ANSWER: **Thinking, Fast and Slow**

[10] In the book, Daniel Kahneman describes this phenomenon in which positive traits are ascribed to people we find attractive. It probably explains why you think the Harvard quizbowl team is friendly and generous as well as drop-dead gorgeous.

ANSWER: **halo** effect

[10] Kahneman’s advocacy for slow, cognitive thinking clashes with this pop psychologist’s support for intuition in works like *Blink*. According to his book *Outliers*, it takes 10,000 hours of practice to become an expert at something.

ANSWER: Malcolm (Timothy) **Gladwell** <Chu>

20. Byzantine emperor Alexios IV helped launch the fourth of these campaigns, promising participants 100,000 silver marks if they deposed his uncle Alexios III. For 10 points each:

[10] Name these holy campaigns. The first was undertaken to reconquer Jerusalem at the prodding of Pope Urban II.

ANSWER: **crusades**

[10] This other Byzantine emperor conquered Bulgaria, earning his most famous nickname by blinding every 99 out of 100 Bulgarians captured. He was also ascribed the title “Porphyrogénētōs.”

ANSWER: **Basil II** (or **Basil the Bulgar Slayer**; prompt on just **Basil**)

[10] The last Byzantine emperor, Constantine XI, perished in the course of this 1453 event carried out by Mehmed II. To this day, some Greeks still believe Constantine has been mythically preserved and will return.

ANSWER: **sack of Constantinople** (accept anything indicating the final **fall of Constantinople**) <Jin>

21. This man died after trying to kidnap a chief of Hawaii. For 10 points each:

[10] Name this explorer who first charted the coast of “New South Wales” in 1770.

ANSWER: Captain James Cook

[10] The First Fleet of the British Empire arrived at *this site* of the first penal colony in Australia. It was originally called Stingray Harbour by Cook, but it was changed due to findings by Joseph Banks.

ANSWER: Botany Bay

[10] These escaped convicts were known for their survival skills in the harsh environment of Australia outside the colonies. The first was John “Black” Caesar.

ANSWER: bushrangers <Horton>