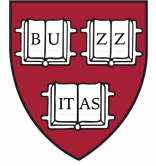


Harvard Fall Tournament XII

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 7

Tossups

1. **This composer overlaid C and F-sharp major triads in a ballet in which the title character is trapped in the Moor's Room and escapes to the Shrovetide Fair. Princesses in one of this composer's ballets dance a *Khorovod* and play a game with golden apples after having been enchanted by Koschei the Immortal. Serge (*) Diaghilev's Ballets Russes first performed a ballet by this composer in which the title character catalyzes an Infernal Dance, and he wrote *Petrushka* and *The Firebird*. For 10 points, name this composer of a ballet that caused a riot at its 1913 Paris premiere, *The Rite of Spring*.**

ANSWER: Igor Stravinsky <Yue>

2. **This author pleads for greater understanding and compassion from a specific ethnic group after recounting a dinner he once ate with Elijah Muhammad in the essay "Down at the Cross," and he wrote a novel that ends with David imagining scenes of a man's execution after David's fiance Hella discovers his homosexuality. In a novel by this author of *Giovanni's Room* and (*) *The Fire Next Time*, John Grimes bears witness to the violence of his step-father Gabriel, who is a zealous minister at the Harlem-located Temple of the Fire Baptized. For 10 points, name this author and civil and gay rights activist who wrote *Go Tell it on the Mountain*.**

ANSWER: James Arthur Baldwin <Cohen>

3. **The METAR codes RA and SN correspond to two types of this phenomenon, which can be induced by orographic lift. The second letter in the Köppen classification corresponds to this phenomenon. The intensity of this phenomenon can be measured using an urometer, which is alternatively known as a (*) pluviometer. Diamond dust and graupel are two manifestations of this phenomenon, which characterizes the monsoon season. This phenomenon occurs when a parcel of air is cooled to its dew point, and the *lack* of this phenomenon characterizes deserts. For 10 points, name this weather phenomenon that includes snow and rain.**

ANSWER: precipitation (anti-prompt [ask for less specific] on specific types of precipitation like rain, drizzle, sleet, snow, hail, graupel, and diamond dust) <Park>

4. **A work in D minor for this instrument imitates Spanish guitars with cluster-like chords and begins with repeated D's. Couperin's "Les Baricades Misterieuses" and an E-major aria and variations by Handel known as "The Harmonious (*) Blacksmith" were written for it. This instrument breaks from its traditional role as part of the *basso continuo* with a notable cadenza in the fifth Brandenburg Concerto. This instrument was eclipsed by a Bartolomeo Cristofori invention with greater dynamic control, the pianoforte. For 10 points, name this popular Baroque keyboard instrument in which sound is produced by plucking strings.**

ANSWER: harpsichord (accept cembalo or cembali, prompt on keyboard until basso continuo is mentioned) <Yue>

5. A Douglas Hofstadter essay noted the complications in translating this poem, and it opens at “four o’clock in the afternoon” according to one explanation. It’s been hypothesized this poem was inspired by the legend of the Lambton Worm. The poem *The Hunting of the Snark* was based on this poem and a beast with (*) “eyes of flame” is mentioned in this poem along with the “jubjub bird.” Humpty Dumpty explains the meanings of words like “frumious” and “outgrabe” that appear in this poem, which is told to Alice in *Through the Looking Glass*. For 10 points, name this poem by Lewis Carroll in which a man uses a “vorpal sword” to slay the title beast.

ANSWER: “Jabberwocky” (do not accept or prompt on “THE Jabberwocky”) <Cohen>

6. In one attestation, this goddess weeps tears of red gold during the absence of her husband Odr. This figure was the only goddess among the members of the Vanir given as hostages to the Aesir. At one point, Loki turns into a fly to steal this figure’s (*) necklace Brisingamen, and Thor disguises himself as this goddess to retrieve his hammer Mjölnir [“MYOWELL-neer”] when it’s stolen. This goddess oversees the meadow Folkvangr, where half of those killed in battle are sent, and her chariot is pulled by two blue cats. For 10 points, name this beautiful Norse goddess of love and fertility, the twin sister of Freyr.

ANSWER: Freya (or Freyja; do not accept “Frey” or “Freyr”) <Cohen>

7. This author wrote a novel detailing fierce debates between the liberal Binoy and the staunchly religious patriot Gora. In one novel by this author, Bimala is drawn away from her educated, pacifist husband to the flamboyant nationalist Sandip. Besides *The Home and the World*, a collection by this poet includes a poem beginning (*) “Thou hast made me endless, such is thy pleasure.” This poet wrote a collection with a notable introduction by W.B. Yeats that led to this man becoming the first non-European to receive a Nobel Prize in Literature. For 10 points, name this Indian author of the *Song-Offerings*, or *Gitanjali*.

ANSWER: Rabindranath Tagore (or Rabindranath Thakur) <Cohen>

8. One document about this event accused the “root of it all” as being Lt. Colonel du Paty de Clam, and Hubert-Joseph Henry slit his own throat after earlier forging a letter during this event. A cartoon showing a family fighting over dinner symbolized the divisive effect of this event on French society. (*) Ferdinand Esterhazy was actually responsible for the actions in this event that led to a man being imprisoned at Devil Island. Émile Zola published the open letter “J’Accuse!” lambasting the government for covering up this event. For 10 points, name this “Affair” in which a French Jewish officer was framed as leaking espionage secrets.

ANSWER: Dreyfus Affair <Kuang>

9. One of these objects showing an unidentified woman found drowned in the Seine was a wildly popular decoration in early 1900s Parisian houses, and the Kwakiutl made “transforming” types of these things. The elongated *medico della pesta* is an example of them used during the Carnival of Venice, and the figures in (*) *Les Demoiselles d’Avignon* were inspired by Picasso’s viewing of African examples. Performers in Japanese Noh theater often wear stylized examples of these items, and they were often worn in African ritual ceremonies. For 10 points, name these objects used to portray oneself as another person.

ANSWER: masks (accept death masks; accept transforming masks) <Chu>

10. This man’s thesis studied the embryology of sea spiders, and his work provided convincing evidence for the Boveri-Sutton theory. This scientist discovered a key mutation in the gene *dumpy*, and he explained Frans Alfons Janssens’ observations with the idea of (*) “crossing over.” This scientist’s observation of a white-eyed phenotype led to the discovery of sex linkage. This man names the unit of genetic linkage, and he demonstrated chromosomes are the carriers of genetic material through his work in the “Fly Room.” For 10 points, name this biologist who used *Drosophila melanogaster* as a model organism to study genetics.

ANSWER: Thomas Hunt Morgan <Park>

11. **Conspiracy theories surrounding this event point to the supposed “suicide” of James Andanson, the owner of a suspicious white Fiat Uno. A replica of the Statue of Liberty’s flame is often mistaken as a monument to this event since it served as an impromptu shrine in its wake. A rewritten version of (*) “Candle in the Wind” was performed by Elton John in response to this event that also led to the death of Henri Paul and Dodi Fayed. A crowd of paparazzi and an inebriated driver were blamed for this event. For 10 points, name this event, in which a car crash in Paris’s Pont de l’Alma tunnel killed the first wife of Prince Charles.**

ANSWER: the death of Diana, Princess of Wales (accept more specific substitutes for death, such as car crash or automobile accident until “car crash;” accept Princess Di in place of Diana) <Chu>

12. **Aseity refers to one aspect of this figure, and Karl Barth wrote a book titled for the “Humanity” of this figure. The “*asmā’u l-ḥusnā*” refer to ninety-nine of a certain attribute applied to this figure. Maimonides [“my-MON-i-deez”] argued this figure should be described through “negative” attributes, and the (*) *Bismillah* is recited to respect this figure. The title Adonai, the tetragrammaton consisting of the letters Y-H-W-H, and the title Elohim all refer to this figure in Judaic traditions, and he consists of the the Father, the Son, and the Holy Spirit as the Holy Trinity. For 10 points, describe this chief figure of veneration in the Abrahamic religions.**

ANSWER: God (accept any equivalent titles from Judaism, Christianity, or Islam) <Kuang>

13. **William Talbot described this feature as “barren rocks” in 1672, and geological predecessors to this feature include the Ocoee Basin. The highest point in this range is Mount Mitchell in North Carolina, and its other notable peaks include Big Tom and Mount Craig, both in the (*) Blue Ridge subrange. Other subranges in this mountain range include the Black and Great Smoky. This range limited westward expansion of the United States until the conclusion of the American Revolution. For 10 points, name this Eastern mountain range with a namesake hiking trail that goes from Georgia to Maine.**

ANSWER: Appalachian Mountains <Horton>

14. **Salts containing the +1 ion of this element and a halide or cyanide counterion are reacted with aryl diazonium salts in the Sandmeyer reaction. The largest class of high-temperature superconductors are oxides of this element, and contain it in its +2 and +3 oxidation states. This element has a full (*) 3-d orbital but a half-filled 4-s orbital, and its sulfate salt imparts a deep blue color. With zinc, this element makes up the Daniell cell, the most common example of galvanic cells. This metal alloys with tin and zinc to make bronze and brass, respectively. For 10 points, name this element often used to make wire.**

ANSWER: copper (prompt on Cu) <Pendyala>

15. **Among this president’s affairs included one with his wife’s secretary Lucy Mercer. Figures like Harry Hopkins were members of this man’s advisory committee the “Brain Trust,” and he delivered a record 307 Executive Orders. This man explained a national (*) banking holiday during the first of a series of notable radio addresses, and he created programs like the Securities and Exchange Commission and Works Progress Administration in response to a period beginning with the Black Tuesday stock crash. For 10 points, name this president who enacted the New Deal as he led the US through the Great Depression.**

ANSWER: Franklin Delano Roosevelt (or FDR; prompt on Roosevelt; accept anything uniquely identifying the answer as the latter Roosevelt such as “the 32nd President”) <Horton>

16. An apocryphal quote not to mess “with the formula” was stated by this group’s member Mike Love during recording for the album *Smile*. One song by this band was dubbed a “pocket symphony” and used elements like a theremin and psychedelic influences. Under the “genius” leadership of (*) Brian Wilson, this band produced influential hits like “Good Vibrations” and the album *Pet Sounds*. This band’s early period is exemplified by light-hearted west coast-inspired songs like “Surfin’ USA.” For 10 points, name this 1960s rock-and-roll group best remembered for songs about girls, cars, and hanging out at the namesake recreational location.

ANSWER: The **Beach Boys** <Kuang>

17. For a deformable beam, this quantity has a value at each point equal to the negative flexural rigidity of the beam times its curvature. For a dipole in an electric field, this quantity is equal to the cross product of the field strength and the dipole vector, and it’s zero for gravitational interactions because the force always points in the direction of the (*) radial vector. This value is the rate of change of a system’s angular momentum. This value is equal to “uppercase *I* times *alpha*,” or the moment of inertia times the angular acceleration. For 10 points, name this rotational analogue to force.

ANSWER: **torque** (accept **moment** of force, prompt on “tau”) <Pendyala>

18. One of these events started with the issuing of a document called the *Vernichtungsbefehl* after Lothar von Trotha won the Battle of Waterberg. Operation Turquoise was launched in reaction to one of these events, which was triggered by radio broadcasts to “cut down the tall trees.” Paul Rusesabagina and the (*) Herero people of German South West Africa were involved in these events. One of these events began after Juvénal Habyarimana’s plane was shot down near Kigali, and was depicted in the film *Hotel Rwanda*. The Hutus carried out this type of action against the Tutsis in Rwanda. For 10 points, name this type of mass killing directed at members of a specific group of people.

ANSWER: **genocide** (or the Herero and Namaqua **genocide**; or the Rwandan **genocide**; prompt on ethnic cleansing, which does not necessarily involve killing people; prompt on massacre or mass murder or any other answer without an emphasis on targeting a specific ethnic/religious/racial group) <Chu>

19. This thinker argued that neither having the knowledge of everything that exists nor having the knowledge of that knowledge are possible, and so the knowledge of negative existentials is impossible. This thinker considered a thought experiment of a lion learning English, and he contrasted “seeing that” and “seeing as” using an (*) optical illusion. This thinker discussed the image of the duck-rabbit, and he used examples like the beetle-in-a-box to examine private languages. For 10 points, name this Austrian-British analytic philosopher known for his work on language games in *Philosophical Investigations* and *Tractatus Logico-Philosophicus*.

ANSWER: Ludwig **Wittgenstein** <Jin>

20. The protagonist of this work fears death upon seeing men dressed “as black as ink from head to foot” before a battle. This work is one of the first records of the battle cry “Montjoie!” Thierry defeats Pinabel in a trial by combat in this work, proving the Twelve Peers had been betrayed by the treacherous (*) Ganelon, who’s then torn apart by horses. The title character of this poem warns of an attack by the Saracens at the Battle of Roncevaux [“rahns-voh”] pass by blowing an oliphant so hard his temples burst. For 10 points, name this epic medieval French poem about the title paladin who fights in Charlemagne’s army.

ANSWER: **Song of Roland** (or *La Chanson de Roland*) <Horton>

21. **This character first appeared in a group of short stories in which he hangs out with Maimie Mannering at some gardens. In an official sequel written by Geraldine McCaughrean, this character meets the circus master Ravello, who encourages this character to wear a scarlet coat. This character first appeared in (*) *The Little White Bird*, and the rights to him and the works he appeared in were left to the Great Ormond Street Hospital for Children. This character created by J.M. Barrie is the leader of the Lost Boys, and he kidnaps Wendy out of her bedroom. For 10 points, name this boy who refuses to grow up, a resident of Neverland.**

ANSWER: **Peter Pan** (accept just **Peter**, I guess) <Kuang>

Bonuses

1. This character listens to the song “Some of These Days” to calm himself after observing a bartender’s purple suspenders. For 10 points each:

[10] Name this character, who realizes he cannot describe the roots of a chestnut tree under a park bench and later discovers his friend the Self-Taught Man is a pedophile.

ANSWER: Antoine Roquentin (accept either or both underlined parts)

[10] Roquentin is affected by the title “sweetish sickness” in this philosophical novel by Jean-Paul Sartre.

ANSWER: Nausea

[10] This contemporary of Sartre wrote about Meursault, who similarly comes to terms with the nature of his existence after murdering an Arab in this man’s novel *The Stranger*.

ANSWER: Albert Camus <Yue>

2. The universal possibility of this action is illustrated in *Meditations on First Philosophy*. For 10 points each:

[10] Describe this action done during sleep. Freud wrote a book about *The Interpretation of* [this action].

ANSWER: dreaming (accept word forms)

[10] The universal possibility of dreaming is illustrated by the Daoist philosopher Zhuangzi’s [“ZWANG-tsi”] tale of dreaming to have been one of these animals. Upon waking up, Zhuangzi wasn’t sure if he was actually one of these animals dreaming of being human.

ANSWER: butterfly (prompt on insect, I guess)

[10] The universal possibility of dreaming is contrasted with the possibility of universal dreaming, which was illustrated by this Hilary Putnam thought experiment, in which the title object receives stimuli but experiences no sense perception.

ANSWER: brain in a vat (accept jar instead of “vat,” but do not accept any other synonyms for “brain” or “vat”) <Jin>

3. In Egyptian mythology, the Duat, or underworld, is inhabited by Ra’s chaotic archrival Apep. For 10 points each:

[10] First, name this Egyptian New Kingdom funerary text that describes the rituals and spells one can undertake to help navigate the Duat safely. It comes after the earlier Pyramid and Coffin texts.

ANSWER: *The Book of the Dead*

[10] Apep was one of these animals. Isis also created one of these animals that bit and poisoned Ra, with Isis refusing to provide the antidote unless Ra gave her his true name.

ANSWER: snake (or serpent; accept specific species like cobra)

[10] This cobra goddess represented a unified Egypt and was closely associated with the protective power of the Eye of Ra as she would curl up on Ra’s head.

ANSWER: Wadjet <Owen>

4. Get ahead in this game by naming some things related to people who lost theirs. For 10 points each:

[10] This device was France’s standard method of execution until 1981. Some of its noted victims include King Louis XVI and Marie Antoinette.

ANSWER: guillotine

[10] After Roman triumvirate Crassus tried to invade this empire and failed, his head was cut off and filled with molten gold in reference to his famous wealth.

ANSWER: Parthian Empire

[10] A man who attempted to assassinate this Japanese daimyo was buried in the ground up to his neck and slowly decapitated. This first of the three great unifiers himself committed suicide after the Honnō-ji incident.

ANSWER: Oda Nobunaga (do not accept or prompt on “Nobunaga” alone, as Oda is the family name in Japanese) <Kuang>

5. Pseudoscientific treatments for this disease include *Echinacea* supplements. For 10 points each:

[10] Name this upper respiratory disease that cannot be treated with antibiotics. Prolonged exposure to chilly weather does not cause this disease, but winter conditions might aid its transmission.

ANSWER: common **cold**

[10] This virus with 99 recognized serotypes is the primary cause of the common cold. Its species C enter cells by binding to *CHDR3*, and this virus has been implicated in acute otitis media.

ANSWER: **rhinoviruses**

[10] The common cold can also be caused by the coronavirus family, which in 2015 caused a large outbreak of this disease in South Korea. While this disease appears to have originated in bats, it is also known as the camel flu.

ANSWER: **Middle East respiratory syndrome** (or **MERS**) <Park>

6. A cornice separates this building's more public lower two floors from its upper levels, and its friezes use its architect's characteristic "celery-leaf" ornamentation. For 10 points each:

[10] Name this red brick building designed by Louis Sullivan and Dankmar Adler, one of the world's first skyscrapers.

ANSWER: **Wainwright Building**

[10] The Wainwright Building is located in this city. Eero Saarinen designed a monument in the form of a weighted catenary in this city.

ANSWER: **St. Louis**, MO

[10] Sullivan also designed a structure of this type for Ellis Wainwright's wife Charlotte featuring two swinging bronze doors. One of these structures "of the Unknown Soldier" is guarded continuously over 24 hours.

ANSWER: **tomb** (or **mausoleum**; prompt on graveyard or other synonyms for a burial ground) <Chu>

7. One person of this rank was fond of using medical metaphors comparing his country to a patient, who must be restrained by the doctor to save his life. For 10 points each:

[10] Name this rank that described a seven-year "Regime" named for people of this rank in a certain European country. Georgios Papadopoulos held this military rank when he led a 1967 coup, beginning that Regime.

ANSWER: **colonels** (accept **syntagmatárchis**; accept Regime of the **Colonels**; accept *kathestós ton Syntagmatarchón*)

[10] The Regime of the Colonels was a junta that governed this European country. It came to power in a coup that involved tanks rolling through the streets of Athens.

ANSWER: Kingdom of **Greece** (or *vasíleio tis Elládas*; or the **Hellenic Republic**; or **Ellinikí** *Dimokratía*)

[10] The Regime of the Colonels collapsed when Turkey invaded this island, which was then partitioned along the Green Line. Supporters of *enosis* want to return control of this island to Greece.

ANSWER: **Cyprus** (or **Kýpros**; or **Kıbrıs**) <Chu>

8. This artist painted a man dressed suspiciously like Santa Claus laughing as his colleagues draft an unbelievably filthy letter to Sultan Mehmed IV. For 10 points each:

[10] Name this artist of *Reply of the Zaporozhian Cossacks*, who painted peasants carrying an icon in *Religious Procession in Kursk Province*. His portraits include one of countryman Mikhail Glinka.

ANSWER: Ilya (Yefimovich) **Repin**

[10] Repin's predilection for peasants lugging stuff also shows up in a painting of men hauling one of these vehicles on the Volga. J.M.W. Turner's *The Fighting Temeraire* shows the last journey of one of these vehicles.

ANSWER: **boat** (or **ship**; accept more specific types of waterfaring vessels such as **barges** or **warships**)

[10] Another 19th-century Russian artist was Karl Bryullov, whose most famous painting depicts the *Last Day of this city*. Excavations in this ancient city revealed a sign reading "BEWARE THE DOG," as well as lots of dirty graffiti.

ANSWER: **Pompeii** <Chu>

9. The psychologists the Clarks presented research from their “doll test” studies in this case. For 10 points each:

[10] Name this Supreme Court case that struck down the “separate but equal” principle behind school segregation in the United States.

ANSWER: **Brown v. Board of Education**

[10] *Brown v. Board* was presided over by this Chief Justice, who presided over several surprisingly liberal civil rights decisions despite being appointed by the Republican president Eisenhower.

ANSWER: Earl **Warren**

[10] Under Warren, the Court struck down state senate inequality on the basis of this principle in *Reynolds v. Sims*. The Court had previously discussed this principle in *Baker v. Carr*.

ANSWER: **one person, one vote** (accept **man** or **woman** or any other obvious synonym in place of “person,” but otherwise require the exact phrase) <Horton/Kuang>

10. Wolkewitz, *et al.* published an article surrounding myths about this number that attributed its prevalence in a certain context to the hard-partying musician lifestyle, and *not* to a curse. For 10 points each:

[10] Give this number, the age of death of a so-called “club” of musicians including Jim Morrison, Jimi Hendrix, Janis Joplin, and Amy Winehouse.

ANSWER: **27** (or the **27** Club)

[10] Another famous member of the 27 Club was Kurt Cobain, the leader of this Seattle-based grunge band behind “Smells Like Teen Spirit.”

ANSWER: **Nirvana**

[10] The keyboard player for this band, “Pigpen” McKernan, joined the 27 Club in 1973. Their most famous symbol is a skull with a lightning bolt dividing a red and blue circle, the cover art of the album *Steal Your Face*.

ANSWER: **Grateful Dead** <Chu>

11. Bill Gosper discovered the first puffer in this model. For 10 points each:

[10] Name this cellular automaton in which cells die if they have fewer than two live neighbors or more than three live neighbors. Patterns within this model include the lightweight spaceship, beehive, and pulsar.

ANSWER: Conway’s **game of life**

[10] Conway’s game of life requires this number of sentient players. Most programming languages assign this index number to the first element of an array or list, and dividing by this number will return an arithmetic error.

ANSWER: **zero** (accept obvious equivalents like **none** or **no players**)

[10] John Horton Conway, who created the Game of Life, is also known for his work on these mathematical objects, which come in pretzel and trefoil varieties.

ANSWER: **knots** <Park>

12. One work by this writer repeats the phrase “what?...who?...no!...she!...” five times. For 10 points each:

[10] Name this Irish writer. His tragicomic and experimental plays include *Act Without Words*, *Happy Days*, and *Endgame*.

ANSWER: Samuel (Barclay) **Beckett**

[10] Beckett wrote primarily both in English and this other language, the original language of *Waiting for Godot*. Novels in this language include *Penguin Island* and *The Man in the Iron Mask*.

ANSWER: **French** (or le **français**)

[10] Beckett also wrote this play in which a woman’s mouth is the only visible thing on stage. It’s told in a slew of unsettling jumbled sentences, like ones about a woman who’s abandoned after being a premature birth.

ANSWER: **Not I** <Cohen>

13. The microBooNE experiment operates a liquid argon time projection chamber to detect these particles. For 10 points each:

[10] Name these extremely small, uncharged particles. Their name just comes from the Italian that references their neutral charge.

ANSWER: **neutrinos**

[10] In this phenomenon, neutrinos apparently change flavor. The 2015 Nobel in Physics was won for the discovery of this phenomenon, since it also implies the mass of neutrinos.

ANSWER: neutrino **oscillation**

[10] Scientists working on the EXO experiment are attempting to observe a hypothetical form of this decay where a neutrino is *not* emitted. In its usual form, this form of decay produces an electron and antineutrino.

ANSWER: **beta** decay (accept **beta**-minus; do not accept or prompt on “beta-plus”) <Pendyala>

14. In a short story by this author, Janet takes her dying father to the planetarium. For 10 points each:

[10] Name this author of stories like “The Moons of Jupiter.” A disabled child performs an astoundingly beautiful piano recital in her “Dance of the Happy Shades.”

ANSWER: Alice **Munro** (or Alice Ann **Laidlaw**)

[10] Alice Munro is an author from this country. Roch Carrier’s story “The Hockey Sweater” describes an upset boy from this country who receives a Maple Leafs sweater rather than one of star player Maurice Richards.

ANSWER: **Canada**

[10] Another Canadian writer is poet and songwriter Leonard Cohen, best known for this song whose lyrics describe “a secret chord” and asserts that “love is not a victory march.”

ANSWER: “**Hallelujah**” <Cohen>

15. This branch performs the ten Ancillaries of the Faith. For 10 points each:

[10] Name this religious branch, named for its belief in a certain number of religious figures. It’s larger than the Ismaili and Zaidi branches.

ANSWER: **Twelvers** (accept **Imamiyyah**; do not accept or prompt on just “Shia” or “Islam”)

[10] The Twelvers believe in twelve infallible ones of these figures. In Sunni Islam, this term more generally refers to the leaders of mosques or Islamic communities.

ANSWER: **imams**

[10] The first of the Twelve Imams was this man. Shia Islam is distinguished from Sunni Islam by its belief in this man as the designated successor of Muhammad.

ANSWER: **Ali** ibn Abi Talib <Kuang>

16. This man’s wife Theodora was an actress, which at that time in history likely included prostitution. For 10 points each:

[10] Name this emperor. His namesake legal “Code” was produced with the help of his official Tribonian.

ANSWER: **Justinian I** (or **Justinian** the Great)

[10] Justinian faced an attempted revolt in the Nika riots, which were led by people who performed this activity.

This sport was performed at tracks like at the Hippodrome, or in Rome, at the Circus Maximus.

ANSWER: **chariot racing** (accept word forms; prompt on “**racing**” or “**horse racing**”)

[10] Justinian was ably assisted by a “John” from this province, at least until the latter fell out of political favor. This province was located in ancient Asia Minor and corresponds to modern day Anatolia.

ANSWER: **Cappadocia** <Kuang>

17. In a long poem, this author claims, “I tried each thing, only some were immortal and free.” For 10 points each:
[10] Name this American poet who won the Pulitzer Prize for his collection *Self Portrait in a Convex Mirror*. He died at the age of 90 in September 2017.

ANSWER: John Ashbery (Writer’s note: *Dulce Est Periculum.*)

[10] Ashbery’s poem “Farm Implements and Rutabagas in a Landscape” centers on this classic comics and cartoon character, as well as his friends Olive and the Sea Hag. Ashbery’s poem repeatedly references this character’s favorite food, spinach.

ANSWER: Popeye

[10] Ashbery is often compared to this other poet who pulled on his Catholic beliefs in his poetry book *Four Quartets*. He considered whether the world would end with a “whimper” or a “bang” in his poem “The Hollow Men.”

ANSWER T(homas) S(tearns) Eliot <Cohen>

18. Comparison-based methods for this task must take *at least* $O(n \log n)$ [“big O of n log n”] time. For 10 points each:

[10] Give this task that takes an array of numbers and arranges them from least to greatest.

ANSWER: sorting

[10] Perhaps the most famous sort is this one with a “speedy” name developed by Tony Hoare. It relies on the choice of a pivot, which can heavily affect its performance.

ANSWER: quicksort

[10] A more basic sort is the insertion sort. The worst-case time complexity for insertion sort is this *specific* configuration of an array.

ANSWER: reverse sorted order (or backwards sorted order; prompt on reversed or backwards alone; do not accept or prompt on “sorted” alone) <Xiong>

19. Canadian judge Bernd Zabel was suspended after wearing a hat with this phrase written on it into the courtroom. For 10 points each:

[10] Name this official slogan of the 2016 Trump presidential campaign. “Millions” of the aforementioned hats with this slogan were reportedly sold.

ANSWER: “Make America Great Again” (prompt on MAGA)

[10] Thousands of pink, cat-eared “pussyhats” were knitted for this January 2017 event. This event was a feminist response to the Presidential Inauguration held in the same place earlier that month.

ANSWER: Women’s March on Washington (prompt on March on Washington; accept Women’s March in general, i.e. in any cities)

[10] This U.S. Representative notably wears large, colorful hats into Congress. She entered national news after criticizing a call by Trump to war widow Myeshia Johnson, whose husband La David had been killed in Niger.

ANSWER: Frederica Smith Wilson (accept Frederica Patricia Smith) <Kuang>

20. This work’s last movement concludes with a fugato section on the F Lydian theme stated by the French horns at the beginning of the movement. For 10 points each:

[10] Name this orchestral work containing a “Game of Pairs” and an “Interrupted Intermezzo” as well as several “night music” sections. It was premiered in 1944 by the Boston Symphony Orchestra under Serge Koussevitzky.

ANSWER: Concerto for Orchestra

[10] This composer of the Concerto for Orchestra included his signature “night music” in such works as *The Miraculous Mandarin* and *Bluebeard’s Castle*.

ANSWER: Béla Bartók

[10] Another Bartók piece is *Music for Strings, Percussion and Celesta*. A celesta is also notably featured in the dance for a fairy of this sweet foodstuff in Tchaikovsky’s ballet *The Nutcracker*.

ANSWER: sugar-plum <Yue>

21. There should be No Way you don't get 30 points on this bonus about Norway! For 10 points each:

[10] First, name this Shakespeare play that ends with lines spoken by Norwegian prince Fortinbras. It opens with the title prince investigating a ghost of his murdered father.

ANSWER: **Hamlet**

[10] This play by Norwegian author Henrik Ibsen centers on a woman who encourages her husband's rival Lövborg to commit suicide after losing a manuscript on the domestic industries of Brabant.

ANSWER: **Hedda Gabler**

[10] This book by Haruki Murakami is titled for a Beatles song. In it, Toru Watanabe navigates through a relationship with Naoko and Midori.

ANSWER: **Norwegian Wood** (or **Noruei no Mori**) <Chu>