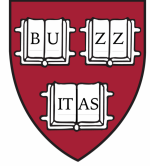


## Harvard Fall Tournament IX

Edited by Will Holub-Moorman and Raynor Kuang

Questions by Will Holub-Moorman, Raynor Kuang, Sriram Pendyala, Robert Chu, Mark Arildsen, Catherine Wu, Roger Jin, and Vimal Konduri



Round 2

Tossups

1. **After entering a city, the protagonist of this novel repeats the phrase “*Tixo*, watch over me,” after which he is scammed out of a pound while waiting in line for a bus. This novel ends after that protagonist ascends a mountain on the day that another character is to die. During a trial, one character in this novel claims that a (\*) crowbar used to strike a servant was “blessed.” Theophilus Msimangu sends a letter to this novel’s protagonist telling him that his sister Gertrude is sick, after which that protagonist travels to Johannesburg, where he learns of his son’s murder of Arthur Jarvis. For 10 points, name this novel centering on the priest Stephen Kumalo, a work by Alan Paton.**

ANSWER: *Cry, the Beloved Country*

2. **Hiranyakapishu was killed by one of these figures who took the form of a half-man, half-animal to circumvent a protective spell Brahma had given. Bali promised one of these figures three paces of land, but that figure then changed from a dwarf to a giant to cover entire worlds. The tortoise that was used to churn the Ocean of (\*) Milk was one of these figures, and the last of these figures will appear on a white horse at the end of time and is named Kalki. One of these figures is the charioteer of Arjuna, to whom he gives the speech that comprises the *Bhagavad Gita*; that figure is the blue-skinned Krishna. For 10 points, name these ten incarnations of the Hindu Preserver God.**

ANSWER: avatars of Vishnu [prompt on partial answer; accept synonyms for “avatar”; accept any of Kurma, Narasimha, Krishna, or Kalki before they are mentioned]

3. **A set  $X$  is said to be reducible to another set  $Y$  under this man’s reducibility criterion if there exists an oracle that decides membership in  $X$  given the output of an oracle for membership in  $Y$ . A thesis regarding the computability of functions defined on natural numbers is named for this man and (\*) Church. This man was the first to show the undecidability of the halting problem. This man names a hypothetical device that manipulates symbols on a strip of tape, which can be adapted to simulate the logic of any computer algorithm. That is his namesake machine. For 10 points, name this British computer scientist who perfected the methods used to break the Enigma code.**

ANSWER: Alan Turing

4. **In a story by this author, a son murders his father after he conceals a stolen music box capable of “breaking the Ten Commandments.” A robot kills its master after being defeated at chess in another story by this author, who also created a deaf-mute boy who finds his family’s home (\*) burning down. This author defined “admiration” as “our polite recognition of another’s resemblance to ourselves” in a satirical reference book, and described a Confederate sympathizer’s attempts to destroy, and ultimate execution on, the title bridge of another story. For 10 points, name this author of *The Devil’s Dictionary* and “An Occurrence At Owl Creek Bridge.”**

ANSWER: Ambrose Bierce

5. A photograph taken during this war depicts an empty road littered with cannonballs and was taken by Roger Fenton. This war started after one country violated the London Straits Convention. During this conflict, the *Taif* was the only ship in one participant's fleet to escape a decisive defeat at Sinope. One side in this war formed a "thin (\*) red line" at a battle in this war, which also involved a year-long siege of Sevastopol. Florence Nightingale became famous for caring for soldiers during this war. For 10 points, name this war that pitted Russia against Britain, France, and the Ottoman Empire on a namesake Ukrainian peninsula.

ANSWER: Crimean War

6. The Blue Hole of Dahab is located on the coast of this body of water, and topaz comes from the Greek name for St. John's Island in this body of water's Foul Bay. The Dahlak Islands lie near the city of Massawa in this body of water, which the Bab-el-Mandeb connects to Gulf of Aden. Tiran Island here is claimed by a country whose (\*) Hejaz region borders this body of water, and contains the port of Jeddah. The gulfs of Aqaba and Suez are split by the Sinai Peninsula at this body of water's northern end. For 10 points, name this sea that separates the Arabian Peninsula from Africa.

ANSWER: Red Sea [or Erythraean Sea]

7. This state's police imprisoned hundreds of activists in its Parchman Farm prison in 1961. Stokely Carmichael delivered his "Black Power" speech after being arrested in this state's city of Greenwood, and three civil rights workers were murdered in this state during the "Freedom Summer" campaign. This state's governor Ross (\*) Barnett famously announced that he "loved" this state at a football game, and was convinced by Robert Kennedy to allow the enrollment of James Meredith at its flagship university. For 10 points, name this Southern state that was the site of the murders of Emmett Till and Medgar Evers, who was shot at his home in Jackson.

ANSWER: Mississippi

8. This author translated a passage containing the phrase "the race is not to the swift" from Ecclesiastes in a work arguing that "dying metaphors" and "pretentious diction" harm critical thought. This author contrasted the Cleft Chin Murder and the case of Jack the Ripper in another work, and described fighting alongside Georges Kopp in the POUM in a memoir. This author of "Politics and the (\*) English Language" described a police officer in Moulmein performing the title action to "avoid looking silly" in an essay based on his experiences in Burma, "Shooting an Elephant." For 10 points, name this British essayist who also wrote *Animal Farm*.

ANSWER: George Orwell [or Eric Arthur Blair]

9. On one holiday, men usually travel to one of these locations at daybreak to perform a *bayram* prayer. A prayer urging "hasten to success" is declared from these locations. The "farthest" one of these was the end destination of the Night Journey and is located in Jerusalem. In these locations, the *minbar* are generally located to the right of the (\*) *mihrab*. The calling of the *adhan* draws people to this place, an action that is performed by the *muezzin*. One of these locations surrounds the Kaaba, and *salat* occurs in them five times a day. For 10 points, name these buildings surrounded by minarets, the sites of Islamic worship.

ANSWER: mosques [or mosjid]

10. **A ban on this leader's participation in a 1973 election resulted in the victory of Héctor José Cámpora. The CGT organized a demonstration after this man's confinement on Martín García Island. This man's second wife embarked on a "Rainbow Tour" of Europe, and in 1974, this leader expelled the Montoneros from his (\*) Justicialist Party. One successor of this man, his wife Isabel, was overthrown by Jorge Videla, and this leader was supported by the so-called "shirtless ones," or the *descamisados*. For 10 points, name this husband of Evita and three-time president of Argentina.**

ANSWER: Juan Domingo Peron

11. **One class of drugs used to treat this disease works through the activation of the transcription factor PPAR-gamma. In addition to those thiazolidinediones, a biguanide drug called metformin treats this disease mainly by suppressing hepatic gluconeogenesis. Sulfonylureas are used to treat one form of this disease and work by binding to an ATP-dependent potassium transporter on the surface of (\*) beta cells in the islets of Langerhans. The urine of sufferers of this disease is sweet-tasting. The risk of having the type II variant of this disease is exacerbated by obesity. For 10 points, name this disease, which is characterized by a dearth of insulin secretion in its Type I form.**

ANSWER: diabetes mellitus [accept: diabetes, type I/II diabetes, juvenile/adult diabetes, do not accept: diabetes insipidus]

12. **In this opera, one character is blindfolded and another is kidnapped during a chorus that declares "moviamo a vendetta." That second character sings a difficult aria after she hears the false name Gualtier Malde from another character in her garden who poses as a student. As he is about to dispose of a body, one character in this opera hears an offstage reprise of a jaunty aria first heard earlier in Act Four in the house of (\*) Sparafucile. That character then exclaims "La maledizione!" after realizing that an assassin has killed his daughter, Gilda. For 10 points, name this opera in which the aria "La donna e mobile" is sung by the Duke of Mantua, a Giuseppe Verdi opera about the title court jester.**

ANSWER: Rigoletto

13. **In one painting by this artist, two old women dressed in black sit reading and knitting under mosquito nets. A red-haired woman wearing a green dress adorned with beetle wings holds a crown above her head in this artist's *Ellen Terry as Lady Macbeth*. Two large Japanese vases dominate a depiction of four young girls by this artist, who showed nine blinded (\*) soldiers walking in a line in the aftermath of a mustard gas attack in another painting. This artist's portrayal of a woman in a black dress with jeweled straps caused a scandal at the Paris Salon of 1884. For 10 points, name this American artist of *The Daughters of Edward Darley Boit* and *Portrait of Madame X*.**

ANSWER: John Singer Sargent

14. **Emile Durkheim wrote that this phenomenon protects against suicide because it is a "restraint in itself." A minimum capital stock threshold explains the persistence of this phenomenon, according to a book by Jeffrey Sachs titled for the "end" of it. Henry George advocated for a single tax on land values in a book titled for (\*) "progress" and this phenomenon, and Amartya Sen argued that this phenomenon worsens famines. This phenomenon has been written about in books like *The Other America* and *Nickel and Dime*. For 10 points, name this phenomenon whose namesake "line" in the U.S. currently sits at around \$11,000.**

ANSWER: poverty

15. In a 1950 lecture, Martin Heidegger described this concept as an “abyss” and argued that it “speaks.” The preface to a 1922 philosophical work states that this concept is the “limit” to thought, beyond which lies nonsense. The author of that work used the concept of “family resemblance” and the example of building with slabs and pillars to describe this concept’s namesake (\*) “games,” and employed the image of a “beetle in a box” to show the impossibility of a private one of these concepts. For 10 points, name this concept studied heavily by Ludwig Wittgenstein, real-life examples of which are studied in semantics and syntax and include Afrikaans and English.

ANSWER: languages [accept private languages or language-games]

16. One reaction to form these functional groups has a betaine intermediate and reacts phosphorous ylides with aldehydes and ketones; that is the Wittig reaction. Compounds with these functional groups quickly decolorize liquid bromine through addition reactions. These functional groups can be formed by the dehydration reactions of alcohols. (\*) E-Z notation concerns these functional groups. Both omega-3 and omega-6 fatty acids are examples of these compounds, as they are unsaturated compounds. These compounds have the general formula  $C_n H_{2n}$  and they can be either cis- or trans- due to their inability to rotate. For 10 points, name these organic compounds that contain a double bond.

ANSWER: alkenes [accept: olefins]

17. After establishing a trading post at Kingston, settlers from this country were led by Captain Martin Cregier in a series of two conflicts with the Esopus tribe. It’s not Portugal, but traders from this country were confined to an artificial island named Dejima in Nagasaki Bay. This country placed the Banda Islands under the monopoly of the (\*) VOC, and traded the Island of Run for a North American island in the Treaty of Breda. One of this country’s colonies granted large landholdings to men called patroons and was governed by Peter Stuyvesant. For 10 points, name this country that colonized Suriname, Indonesia, and modern-day Manhattan, calling it New Amsterdam.

ANSWER: The Netherlands

18. One character in this novel pens a poem about the swollen foot of an old woman he’s courting, and is bribed by a girl to bring one of this novel’s protagonists to her house, where she describes her decision not to seduce him as her “onion.” Another character in this novel is murdered by a son whom he fathered with a mute, mentally challenged girl nicknamed “Stinking (\*) Lizaveta.” One of this novel’s title characters recites the parable of “The Grand Inquisitor” and later bursts into a courtroom claiming that he killed his father Fyodor. For 10 points, name this novel centering on the title trio of Dmitri, Ivan, and Alyosha, a work by Fyodor Dostoyevsky.

ANSWER: *The Brothers Karamazov* [or *Brat'ya Karamazovy*]

19. The second movement of a concerto by this composer features a solo for muted trumpet over three clarinets. That work, which opens with four timpani strokes and a cymbal clash, was commissioned by Walter Damrosch. Another work by this composer opens with a woodwind playing a trill, followed by an ascending (\*) 17-note diatonic scale, and was famously orchestrated by Ferde Grofe. This composer of the *Concerto in F* included taxi horns in his *An American In Paris*, and also wrote the song “I Got Rhythm,” which features lyrics from his younger brother, Ira. For 10 points, name this composer of *Porgy and Bess* and *Rhapsody in Blue*.

ANSWER: George Gershwin

20. **The power radiated by an accelerating charge is proportional to the acceleration squared over the cube of this quantity by the nonrelativistic Larmor formula. The radiation pressure exerted by an EM wave is equal to its time-averaged Poynting vector over this quantity. The (\*) Schwarzschild radius of a black hole is twice the gravitational constant times its mass over this quantity squared. This constant is one over the square root of the product of the permittivity and permeability of free space. This constant's value is invariant for all inertial reference frames and is well-known as a "cosmic speed limit."** For 10 points, name this value approximately equal to 3 times 10 to the 8 meters per second.

ANSWER: **speed of light** [accept c]

21. **The arrival of a group of *fitaurari* at the Welwel Oasis in this country led to a crisis in December of 1934. This country fought against the WSLF during the Ogaden War while under a government that perpetrated the Red Terror against the EPRP. This country was victorious in the Battle of (\*) Adwa, and was later governed by a military *junta* known as the Derg, which was headed by Colonel Mengistu. This country was also ruled by a leader considered by Rastafarians to be the Messiah. For 10 points, name this country ruled by Menelik II and Haile Selassie I, which fought a series of wars against Italy and has its capital at Addis Ababa.**

ANSWER: **Ethiopia**

## Bonuses

1. For 10 points each, name the following things related to periodic trends:

[10] This quantity, the tendency for an atom of an element to pull electrons toward itself, increases as you move up and to the right up a periodic table, culminating in fluorine.

ANSWER: **electronegativity**

[10] These elements experience a namesake relativistic contraction, in which ionic radius is smaller than it should be. This group of elements includes its namesake and cerium, and is grouped with the actinides at the bottom of the periodic table.

ANSWER: **lanthanides**

[10] This relativistic phenomenon allows group III-A and group IV-A metals and metalloids like thallium, indium and lead to form stable +1 and +2 ions, rather than the +3 and +4 ions that would be expected.

ANSWER: **inert pair** effect

2. The Plains Viscacha Rat is one of the very few mammals to have this property, for 10 points each:

[10] This word describes any cell or organism that has more than two sets of chromosomes. Species that exhibit this property include wheat, which has 6 copies of each chromosome, and cotton, which has 4 copies.

ANSWER: **polyploidy**

[10] Polyploidy is one of the most common sympatric methods for this event to occur in flowering plants. One variety of this event can also be described as allopatric, and is often caused by a geological barrier.

ANSWER: **speciation** [accept word forms]

[10] Genes in two different species that share the same common ancestor as a result of speciation are known by this name. These genes often have the same function in different species.

ANSWER: **orthologous** genes [or **orthologs**]

3. This man once denied that he was contemplating a presidential run by saying, "I'm not a candidate—it couldn't be clearer. Which of the words do you not understand?" For 10 points each:

[10] Name this richest ever mayor of New York City, a political independent famed for his advocacy of restrictions on soft drinks.

ANSWER: Michael **Bloomberg**

[10] During his tenure, Bloomberg also lobbied heavily for gun control through this organization of over 1,000 city leaders, which he founded in partnership with Thomas Menino.

ANSWER: **M**ayors **A**gainst **I**llegal **G**uns

[10] This former Congresswoman from the Eighth District of Arizona started the Americans for Responsible Solutions PAC [pack] to advocate against gun violence after she was shot in the head at a Safeway near Tucson in 2011.

ANSWER: Gabrielle **Giffords**

4. Before being stuck as a bunch of stars, Orion was a living being. For 10 points each, name some things related to him:

[10] In most versions of the Greek myth, Orion was one of these humongous figures. In Cornish folklore, Jack slays one of these figures after growing a beanstalk.

ANSWER: **giants**

[10] In one account, this goddess accidentally slew Orion despite loving him. This goddess also had Actaeon killed by his own hunting dogs after he saw this goddess of the hunt bathing.

ANSWER: **Artemis**

[10] When Orion was blinded for drunkenly assaulting the princess Merope, he ventured to this island to be healed. Philoctetes was left on this island by Argive forces traveling to the Trojan War after one of his wounds started to fester.

ANSWER: **Lemnos**

5. In one essay, this concept is defined as “the epitome of all that is spurious in the life of our times,” and a literary character declares that her enemy is this concept, not Communism. For 10 points each:

[10] Name this concept contrasted with the *avant-garde* in an essay by Clement Greenberg, which inspires hatred from Sabina and is termed “an integral part of the human condition” in a novel by Milan Kundera.

ANSWER: **kitsch** [accept “**Avant-Garde and Kitsch**”]

[10] That aforementioned novel by Kundera is this one, which centers on the surgeon Tomas and the photographer Tereza.

ANSWER: *The **Unbearable Lightness of Being*** [or ***Nesnesitelná lehkost bytí***]

[10] *The Unbearable Lightness of Being*, which is set mostly in Prague, was originally written in this language.

ANSWER: **Czech** [accept **čeština**; accept **český jazyk**]

6. This city served as the capital of the short-lived Golden Ambrosian Republic, following the death of Filippo Maria Visconti. For 10 points each:

[10] Name this capital of Lombardy. The Sforza family was a prominent ruling family in this city.

ANSWER: **Milan** [or **Milano**]

[10] This French king invaded Milan at the turn of the 15th century during the Italian wars. This only Orleans-Valois French monarch also joined Pope Julius II’s anti-Venetian League of Cambrai.

ANSWER: **Louis XII**

[10] This Leonardo Da Vinci painting was notably commissioned by Ludovico Sforza. This mural in the Convent of Santa Maria delle Grazie depicts Jesus surrounded by his 12 disciples.

ANSWER: ***The Last Supper*** [accept ***Il Cenacolo***; accept ***L’Ultima Cena***]

7. One prime minister of this surname ordered an attack on the Golden Temple in Amritsar, while a leader with this last name advocated that people wear *khadi*, or homespun cloth. For 10 points each:

[10] Name this common surname of the unrelated leaders Indira and Mahatma.

ANSWER: **Gandhi**

[10] Indira Gandhi’s tenure prime minister included this 21-month period in which she had nearly total political control, which saw suspended elections and press censorship.

ANSWER: the **Emergency**

[10] Like her father Jawharlal Nehru, Gandhi was a member of this Indian political party.

ANSWER: Indian National **Congress**

8. This sometime follower of John Cotton accused preachers in her colony of preaching a “covenant of works.” For 10 points each:

[10] Name this woman whose sermon commentary led to the Antinomian Controversy and her expulsion from Massachusetts Bay.

ANSWER: Anne **Hutchinson**

[10] This man allowed Anne Hutchinson and her followers to found the city of Portsmouth near his colony in Rhode Island. He also founded the First Baptist Church in America and authored *The Bloody Tenent of Persecution*.

ANSWER: Roger **Williams**

[10] William Coddington bought the land for Portsmouth from this Native American tribe, who had earlier sold Roger Williams the land for Providence Plantation.

ANSWER: **Narragansett**

9. One sure route to winning theater awards is finding the drama in the American presidency. For 10 points each, name these literary presidents:

[10] Robert Schenkkan won the 2014 Tony Award for Best Play for *All the Way*, a work detailing the early political career of this politician. In a short story, this politician shares a deathbed with the Haitian lover of his staffer David Boyd.

ANSWER: Lyndon Baines **Johnson** [accept **LBJ**; the short story is David Foster Wallace's "Lyndon"]

[10] Peter Morgan was a finalist for the award in 2006 for his play about David Frost's interviews with this former U.S. President. The play climaxes with an admission by this president about his role in the Watergate scandal.

ANSWER: Richard Milhouse **Nixon** [accept **Frost/Nixon**]

[10] Robert Sherwood won the Pulitzer Prize for Drama in 1938 for a play about this president, who was the subject of the elegiac poem "When Lilacs Last in the Dooryard Bloom'd."

ANSWER: Abraham **Lincoln**

10. Amonton's three laws concern the dry variant of this force. For 10 points each:

[10] Name this force that resists the relative motion of two solid surfaces.

ANSWER: **friction**

[10] This is a component of the contact force exerted by a surface on an object. The magnitude of the frictional force is equal to the frictional coefficient times this force's magnitude.

ANSWER: **normal** force

[10] This effect names a type of contact electrification that occurs through rubbing two materials together. Most static electricity is due to this effect.

ANSWER: **triboelectric effect**

11. This thinker debated the status of rent as an economic rent in his correspondence with David Ricardo. For 10 points each:

[10] Name this thinker, best known for predicting a future crisis due to the arithmetic growth rate of the food supply and the geometric growth rate of population.

ANSWER: Thomas **Malthus**

[10] Malthusian models match up with Stage One of this four-stage model of a society's move from high birth and death rates to low ones.

ANSWER: **demographic transition** model [or **DTM**]

[10] One thing the demographic transition model doesn't take into account is countries artificially restricting their birth rates, as in the case of this Asian nation's One Child Policy.

ANSWER: People's Republic of **China** [or **Zhongguo** Renmin Gongheguo; do not accept or prompt on "Republic of China" or "Taiwan"]

12. Answer the following about food vendors in California, for 10 points each:

[10] This American poet asked a Spanish poet what he was "doing down by the watermelons" in his poem "A Supermarket in California." Another of his poems mentions the "starry dynamo in the machinery of night."

ANSWER: Allen **Ginsberg**

[10] The insurance salesman Walter Neff and Phyllis Dietrichson meet periodically in a Los Angeles grocery store while planning to murder Dietrichson's husband in this director's film noir *Double Indemnity*. He also directed *Sunset Boulevard*.

ANSWER: Billy **Wilder**

[10] A 2008 public awareness campaign exposed Californian supermarkets for carrying seafood with dangerously high levels of this metal, which is the only one that is liquid at room temperatures. That's why it was used in thermometers.

ANSWER: **mercury** [prompt on "Hg"]



13. Name some films with memorable transitions from black and white to color. For 10 points each:

[10] This Wim Wenders ["Vim Venders"] film set in divided Berlin follows the angels Daniel and Cassiel, and changes from sepia to color when Daniel relinquishes his immortality and falls to Earth next to the Berlin Wall.

ANSWER: ***Wings of Desire*** [or *Der Himmel über Berlin*]

[10] This Judy Garland film changes from sepia to color when Dorothy exits her house, which has just killed the Wicked Witch of the East, into Munchkinland.

ANSWER: ***The Wizard of Oz***

[10] In this early Christopher Nolan film about a man with anterograde amnesia, black-and-white sequences in chronological order are interspersed with color sequences moving in reverse chronological order.

ANSWER: ***Memento***

14. One figure of this name appears in a parable as a beggar where he is sent to Heaven while a rich man is sent to Hell. For 10 points each:

[10] Give this name, most notably that of a man Jesus raises from the dead.

ANSWER: **Lazarus**

[10] The Raising of Lazarus appears only in this Gospel. The gospel of this name is the only of the non-synoptic gospels that is also canonical.

ANSWER: **John**

[10] After Jesus sees Lazarus's grieving family and friends, this event occurs. This two word phrase is the shortest verse in the King James Version of the Bible.

ANSWER: **"Jesus wept"** [do not accept synonyms]

15. The speaker of one of this author's poems notes that "We're tapers too, and at our own cost die, / And we in us find the eagle and the dove." For 10 points each:

[10] Name this author, who began that poem, "The Canonization," with the plea, "For God's sake hold your tongue, and let me love." Other saucy poems by him include "The Sun Rising."

ANSWER: John **Donne**

[10] Donne also penned this poem, which notes that the title entity is "slave to Fate, Chance, kings, and desperate men" and tells it "though some have called thee / Mighty and dreadful, for, thou art not so."

ANSWER: **"Death, be not proud"**

[10] "Death, be not proud" is a work in this poetic form, and is the tenth of the series of "Holy" ones penned by Donne. A work in this 14-line poetic form by Shakespeare begins, "Shall I compare thee to a summer's day?"

ANSWER: **sonnet**

16. Holders of this position often became governors of border provinces after their one-year terms. For 10 points each:

[10] Name this highest elected position of the Roman Republic. Two of these officials served simultaneously, and each had veto power over the other.

ANSWER: **consul**

[10] This man served as consul with Lucius Scribonius Libo and later with Julius Caesar. Along with Octavian, he was victorious at the Battle of Philippi.

ANSWER: Mark **Antony** [accept **Marcus Antonius**, but not "Marc Anthony"]

[10] This other type of Roman officer oversaw the finances of the government and conducted audits.

ANSWER: **quaestor**

17. Mozart's *Kegelstatt* composition for this ensemble unusually involves a clarinet, and Beethoven's works for it include ones nicknamed *Archduke* and *Ghost*. For 10 points each:

[10] Name this musical ensemble. For over five decades, Menahem Pressler anchored an American one of them named for "Beaux Arts."

ANSWER: **piano trio** [prompt on "trio"]

[10] This composer's Piano Trio No. 1 in D Minor is a key part of the piano trio repertoire. He also composed the *Songs Without Words* and included a famous "Wedding March" in his incidental music for *A Midsummer Night's Dream*.

ANSWER: Felix **Mendelssohn**-Bartholdy

[10] This composer wrote two *Trio elegiaques*, the second coming after the death of Tchaikovsky. His other piano works include some *Variations on a Theme of Corelli* and the *Morceaux de fantaisie*.

ANSWER: Sergei **Rachmaninoff**

18. Fish and sea monsters swim around a number of chained, drowning figures in this artist's *The Slave Ship*. For 10 points each:

[10] Name this artist who produced two canvases depicting the 1834 burning of Parliament, as well as one in which a tugboat drags the title warship to be broken up for scrap, *The Fighting Temeraire*.

ANSWER: Joseph Mallord William **Turner**

[10] Turner's *Rain, Steam, and Speed* depicts one of these entities crossing a bridge. Rene Magritte depicted one of these entities exiting a fireplace in his *Time Transfixed*.

ANSWER: **trains**

[10] Soldiers aim guns out of the title *Armored Train in Action* in a painting by Gino Severini, a member of this art movement, whose other key artworks include *Unique Forms of Continuity in Space* and *The Street Enters the House*.

ANSWER: **Futurism**

19. In this novel, the inhabitants of a town put up a sign reading "GOD EXISTS" in the midst of a collective insomnia brought on by the arrival of Rebeca, a girl who eats dirt and whitewash. For 10 points each:

[10] Name this novel which ends with that town being consumed by a tornado after a character translates a set of Sanskrit prophecies made by a gypsy named Melquiades whose arrival opens this novel.

ANSWER: ***One Hundred Years of Solitude*** [or ***Cien años de soledad***]

[10] *One Hundred Years of Solitude* is a work by this recently-deceased Colombian author.

ANSWER: Gabriel **Garcia Marquez**

[10] In Chapter 14 of *One Hundred Years of Solitude*, Meme falls in love with a banana planter named Mauricio Babilonia who is constantly followed around by a group of these animals. In a novel by John Fowles, Frederick Clegg collects these animals.

ANSWER: **butterflies** [or **butterfly**]

20. M81 is an example of one of these. For 10 points each:

[10] Name these gravitationally-bound collections of billions of stars that can exist in spiral, elliptical, or irregular geometries.

ANSWER: **galaxies**

[10] This astronomer created a namesake "tuning fork diagram", a morphological classification of galaxies into ellipticals, lenticulars, and spirals. His namesake law describes the expansion of the universe.

ANSWER: Edwin **Hubble**

[10] This third largest member of the local group is one of the farthest objects visible with the naked eye. Its not Andromeda, but the analysis of 35 of its Cepheids by Hubble allowed him to estimate its distance in 1935.

ANSWER: **Triangulum** galaxy