

## Harvard Fall Tournament XI

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Round 9

Tossups

1. **This religious sect uses the acronym SPICES to remember their core values, which they call “testimonies.” A 19th-century schism in this group split the Wilburites from the more evangelical Gurneyites. This sect is organized into regional administrations called (\*) Yearly Meetings. In this group’s “unprogrammed worship,” any member may deliver a speech, part of this oath-eschewing faith’s doctrine that each person possesses an “inner light.” The celibacy-practicing Shakers broke from this group. For 10 points, name this pacifist Christian sect founded by George Fox, a “Society of Friends” whose members are said to “tremble” before God.**

ANSWER: **Quakers** (accept **Friends** or the Religious **Society of Friends** before “Society” is read)

2. **A draconian code of conduct for people in this profession was drafted by the former prostitute Ching Shih. Gotland headquartered of a group of these people called the Victual [“vittle”] Brothers. A woman of this profession named Mary Read died in (\*) Port Royal, a noted hangout for people of this profession. This profession was legally sanctioned by letters of marque and reprisal, and notable examples included Calico Jack, Anne Bonny, and corsairs. Vehicles used by them included the *Queen Anne’s Revenge*, and they flew the Jolly Roger to signal their arrival. For 10 points, give this occupation of Blackbeard.**

ANSWER: **pirate** (or **corsairs** before read; or **buccaneers**; accept **privateers**; prompt on “sailors”; *Ed’s note: accept swarthy swashbucklers*)

3. **This poem’s author added (exactly) three notes describing borrowing of phrases from Dante and Petrarch. This poem’s original ending describes a “silent Tenour of thy Doom” instead of a “Youth to Fortune and Fame unknown” written in an “Epitaph” for the speaker himself. This poem’s second section imagines a (\*) “hoary-headed swain” guiding a “kindred spirit” to the speaker’s grave. Numerous quotable lines from this poem include “Far from the madding crowd,” “The paths of glory lead but to the grave,” and “The curfew tolls the knell of parting day.” For 10 points, name this poem set in a cemetery, an “elegy” by Thomas Gray.**

ANSWER: **“Elegy Written in a Country Churchyard”**

4. **A di-thiol is reacted with a carbonyl and then removed in one type of this reaction named for Mozingo. Wolff-Kishner name a type of this reaction that converts ketones and aldehydes to alkanes. Other examples of these reactions include the conversion of amides to amines, (\*) alkenes to alkanes, and aldehydes to alcohols. This type of reaction occurs at the cathode of a voltaic cell. This type of chemical reaction has occurred when a central carbon goes from a plus one to minus one oxidative state, since the atom has gained electrons. For 10 points, name this process usually contrasted with oxidation.**

ANSWER: **reduction** (accept word forms; prompt on **redox**; anti-prompt [ask for less specific] on **hydrogenation** after “alkenes to alkanes” is read)

5. **The causative agent of this disease enters cells by binding to the cell surface receptor CD155 and exists as three different serotypes. The Francis Field Trial tested the effectiveness of a vaccine against this disease, though most modern vaccines use the one created by Albert (\*) Sabin. Type 2 of this disease was eradicated in 1999, and it is the most prominent disease currently undergoing a global eradication initiative. The first effective vaccine for this disease was developed by Jonas Salk. For 10 points, name this viral disease that leads to paralysis in 0.5% of cases and famously affected Franklin D. Roosevelt.**

ANSWER: poliomyelitis (or infantile paralysis)

6. **One poem by this man claims “it is difficult / to get the news out of poems,” and he wrote that “they enter the world naked” when describing bushes “By the road to the contagious hospital” in his collection *Spring and All*. This author of (\*) “Asphodel, That Greeny Flower” and an epic poem about Paterson, New Jersey wrote about stealing some food “you were probably / saving / for breakfast” that was “so sweet / and so cold.” The title object of another of his poems is “glazed with rain” and “so much depends / upon” it. For 10 points, name this American poet of “This Is Just to Say” and “The Red Wheelbarrow.”**

ANSWER: William Carlos Williams (prompt on WCW)

7. **A 26-faced solid called a rhombi-cub-octahedron was used as the basis of a design of one of these buildings in Belarus. A giant metal protrusion sits atop a Cesar Pelli-designed one of them in Minneapolis, and an angular glass and steel one was constructed in (\*) Seattle by Rem Koolhaas. Michelangelo built a “Laurentian” one of these buildings, and Patience and Fortitude are the names of two stone lion sculptures flanking the entrance to the Main Branch of one of these buildings on 5th Avenue. For 10 points, name these institutions such as a “public” one in New York and one “of Congress.”**

ANSWER: libraries (or library; accept specific libraries like National Library or public library)

8. **The Java Virtual Machine is typically said to have an architecture based on this structure. With finite state machines, these structures are used in a variety of automata called PDAs. A memory location named after this structure grows downward and is used as function scratch space, in contrast to the (\*) heap. Reverse Polish, or postfix, notation for arithmetic usually uses these data structures, and an excess of recursive calls often leads to their “overflow.” These structures are Last In-First Out, and they come with “push” and “pop” operations. For 10 points, name these data structures usually contrasted with queues.**

ANSWER: stacks

9. **The American Peace Mobilization was formed from a communist “Anti-Nazi League” based in this place, and Joseph Breen was responsible for applying a “code” to things produced here. The “Big Five” conglomerates based in this place included Loews Inc. and (\*) RKO, and the growth of this place was spurred by patents owned by Thomas Edison. The studio system was prevalent during the “Golden Age” of this place in the 1930s, and companies like Metro-Goldwyn-Mayer, Columbia, and Paramount were based here. For 10 points, name this Los Angeles neighborhood that serves as the world capital of filmmaking.**

ANSWER: Hollywood, Los Angeles, California (prompt on Los Angeles or California)

10. **In this country, the wreckage of a crashed DC-3 can be visited on a black sand beach near the town of Vik. Most tourists to this country drive around it on the Ring Road, although the smaller Golden Circle can be used to visit Thingvellir, the site of the world’s (\*) oldest parliament. The Blue Lagoon is a series of hot springs in this country, and its other tourist attractions include waterfalls such as Skogafoss and Gullfoss and the original Geysir. This European country generates more than thirty percent of its electricity from hydrothermal power, and its capital is the northernmost in the world. For 10 points, name this island country whose capital is Reykjavik.**

ANSWER: Republic of Iceland (or Ísland)

11. After Meleager died, his sisters were so aggrieved they were transformed into these animals. After Philomela sent a tapestry revealing her rape by Tereus to Procne, all three were transformed into varieties of these animals. Heracles killed a menacing (\*) “Stymphalian” group of these animals, and Hera placed the eyes of her watchman Argos into one of these animals. Zeus seduced Leda in the guise of one of these animals, and as punishment, Prometheus was chained to a rock and had his liver repeatedly eaten by one of these animals. For 10 points, name these animals, one species of which includes Zeus’s emblem of the eagle.

ANSWER: birds (accept all specific species such as guinea fowl, nightingale, hoopoe, swallow, Stymphalian birds, peacock, swan, vulture, or eagle)

12. The ultranationalist group Organisation Consul assassinated an official of this country who’d signed the Treaty of Rapallo. An object known as the “blood flag” was inspired by a failed coup in this country, and Rosa Luxemburg led a revolt in it by a group known as the (\*) Spartacists. A 1933 fire destroyed its main legislative building, leading to the signing of the Enabling Act. The government of this country was the target of the Beer Hall Putsch and was unable to control rampant hyperinflation following its loss in World War I. For 10 points, name this European country which was ruled by the Weimar regime until the rise of Adolf Hitler.

ANSWER: Germany (or Deutschland; accept Weimar Republic until mention; do not accept or prompt on “Nazi Germany” or “The Third Reich” since none of these things happened during that period)

13. Whether crystal momenta in certain energy states are identical makes a certain property of these materials either direct or indirect. Quantum dots are nano-sized crystals of these materials. Regions in these materials in which mobile charge carriers have been diffused away are termed (\*) depletion zones, and the degree of holes and electrons differentiates the p-type and n-type of these materials. Adding impurities to strengthen these materials is termed doping, and examples of them include germanium and silicon. For 10 points, name these materials with resistances between those of conductors and insulators.

ANSWER: semiconductors (anti-prompt [ask for less specific] on band gaps; anti-prompt on specific semiconductors like silicon)

14. After the ‘Axis’ storyline, this character released a mobile app that gave everyone physical perfection and was named after the Extremis virus. In the “Demon in a Bottle” storyline, this character struggles with alcoholism, and supporting characters in his comic books include Happy Hogan, (\*) Pepper Potts, and James Rhodes, otherwise known as War Machine. This Marvel superhero built his most famous weapon after being near-fatally wounded and captured by a warlord, and that weapon allows him to fly and fire repulsor beams. For 10 points, give this superhero identity of Tony Stark, a playboy billionaire who built a robotic suit of armor.

ANSWER: Iron Man (accept Tony Stark before read; accept descriptors, like Superior Iron Man or Invincible Iron Man)

15. This man defeated the Danish at the Battle of Køge and referred to his troops as “scum of the earth” after they broke rank to loot the retreating French army at the Battle of Vitoria. After a publisher blackmailed this man over the memoirs of Harriette Wilson, he said, (\*) “Publish and be damned!” The Catholic Emancipation Act was passed while he was Prime Minister, and this man collaborated with Gebhard von Blucher’s forces to defeat Marshal Ney and end a “Hundred Days” that had begun with an escape from Elba. For 10 points, name this military commander and politician who defeated Napoleon Bonaparte at the Battle of Waterloo.

ANSWER: Arthur Wellesley, 1st Duke of Wellington (accept either or both underlined parts)

16. James Wood's book *How Fiction Works* discusses the notable "impersonality" of this writer, and George Sand was addressed "Master" in this author's many letters to her. The excessively generous servant girl Felicité's death is met by the vision of her hovering pet (\*) parrot in this author's story "A Simple Heart," and he wrote about the growth of Frédéric Moreau in his novel *A Sentimental Education*. In this author's most famous novel, the title character falls deeply in debt to Monsieur Lheureux and has affairs with Rodolphe and Leon, leaving her husband Charles heartbroken. For 10 points, name this French author of *Madame Bovary*.

ANSWER: Gustave Flaubert

17. It's not willpower or self-control, but Walter Mischel published a book about "[this concept] and Assessment." The work of Hans Eysenck on this concept was extended in Raymond Cattell's sixteen-factor model of it, and the acronym OCEAN represents the (\*) "Big Five" approach to this concept that includes categories like "openness." This concept is measured in a "Minnesota Multiphasic" inventory of it, and the work of Carl Jung was used to develop the Myers-Briggs test for this concept, which produces "types" like INTJ. For 10 points, name this concept describing the collected behavioral traits of a person, like extroverted or introverted.

ANSWER: personality

18. The narrator of this book remembers an instance in which a woman spoke to an invisible customer at a restaurant after learning Janine's child was born deformed at a Prayvaganza ceremony. This novel's main story is transcribed from cassette tapes discovered by Professor (\*) Pieixoto, who studies a society in which African-Americans are referred to as "Sons of Ham." This novel's protagonist is aided by the Mayday resistance member Nick, and she plays Scrabble with Serena Joy's husband, "the Commander." This novel is set in the misogynistic Republic of Gilead. For 10 points, name this novel about Offred by Margaret Atwood.

ANSWER: *The Handmaid's Tale*

19. Aaron Copland's first symphony was originally written for this instrument and orchestra. Nineteen preludes for this instrument were written by a composer who was so famous for his technique that (\*) J.S. Bach walked 250 miles to see him perform. This instrument was played by Dieterich Buxtehude, and the phrase "pull out all the stops" originates from a way to play this instrument extremely loudly by admitting as much air as possible. This instrument titles the third symphony of Camille Saint-Saëns. Bach's Toccata and Fugue in D minor is written for, for 10 points, what large keyboard instrument often found in churches?

ANSWER: pipe organ

20. One painting from this movement depicts a line of fancily dressed women walking down a street while men build a sewer; that painting, entitled *Work*, is by Ford Madox Brown. Another painting from this school shows the title figure raising his wounded hand in front of (\*) carpenters building a door. A woman based on Elizabeth Siddal is prominently featured in a painting from this movement. John Everett Millais' *Christ in the House of His Parents* and Dante Gabriel Rossetti's *Beata Beatrix* are masterpieces of, for 10 points, what British art movement which rejected the style of the painter of *The School of Athens*?

ANSWER: Pre-Raphaelite Brotherhood (or PRB)

21. *[Note to moderator: the answer space to this question is broad. Please read the entire answer line before starting the question, and be generous.]* General description acceptable. “Shinju” was a variety of this action historically associated with lovers. The “Ohka,” or “cherry blossom,” was a weapon associated with users performing this action, earning it the nickname “Baka” from Allied troops. The Honno-Ji incident ended when (\*) Oda Nobunaga performed this action, which is highly associated with Aokigahara forest. Performing the banzai charge effectively equated to doing this, and the “divine wind” that repelled Mongol invasions names a form of this action used to sink American ships, the *kamikaze*. For 10 points, name this action often done to preserve one’s honor in Japan, which includes *seppuku*.

ANSWER: **suicide** (or **killing oneself**; accept more specific methods of suicide mentioned in the question, such as **seppuku** before mention, **stabbing** or **disemboweling** oneself, **flying** a plane **into** something, or **hanging**)

## Bonuses

1. A story this woman wrote was commissioned by the New York Times Book Review and is narrated by Melania Trump. For 10 points each:

[10] Name this author of that story, “The Arrangements,” as well as more international works, like a novel about a civil war in her native country, *Half of a Yellow Sun*.

ANSWER: Chimamanda Ngozi **Adichie** [“ah-DEE-chay”]

[10] This other author passed away in 2013 and wrote the novels *No Longer at Ease* and *Arrow of God* as sequels to a novel in which the protagonist remembers beating the wrestler Amalinze the Cat.

ANSWER: Chinua **Achebe**

[10] The protagonist Okonkwo of Achebe’s previously described book *Things Fall Apart*, Adichie, and Achebe himself were all of the Igbo ethnicity from this West African country.

ANSWER: Federal Republic of **Nigeria**

2. Name these composers who sampled “God Save the Queen,” for 10 points each:

[10] This composer included the melody of “God Save the Queen” in *Hommage à S. Pickwick Esq. P. P. M. P. C.*, a piano prelude dedicated to the main character of a Dickens novel. His other piano music includes *Clair de Lune*.

ANSWER: Claude(-Achille) **Debussy**

[10] This man used the melody of “God Save the Queen” as the basis for his *Variations on “America”*. This composer wrote the *Concord Sonata*, which quotes Beethoven’s Fifth, as well as the *The Unanswered Question*.

ANSWER: Charles **Ives**

[10] This Italian moved to Great Britain at the age of 14 and quoted “God Saves the Queen” in his third symphony, the “Great National.” He also wrote the instructional collection *Gradus ad Parnassum* and a ton of piano sonatinas.

ANSWER: Muzio **Clementi**

3. Worship no false idols, except (maybe) a full 30 points on a bonus. For 10 points each:

[10] Aaron led the Israelites in creating this animal-like object out of their melted jewelry and worshipping it.

ANSWER: the **golden calf** (prompt on just calf, I guess)

[10] Icons are treated much more respectfully in this Christian church largely based in Greece. It split from the Catholic Church following the Great Schism.

ANSWER: Eastern **Orthodox** Church (or **Orthodox** Catholic Church)

[10] Idolatry and polytheism are known in Islam by this term. Mohammed classified it into “greater” and “lesser” categories, and it comes from the word for “share.”

ANSWER: **shirk** (or **sirk**)

4. For 10 points each, pull out your magnifying glass and closely examine this question on lenses:

[10] The lensmaker’s equation gives the inverse of this quantity symbolized lowercase *f*. It represents the distance from the lens to the point at which the rays converge.

ANSWER: **focal length** (prompt on lowercase *f*; prompt on length or focus)

[10] Gravitational lensing observed during one of these events confirmed Einstein’s theory of general relativity. The total type of these events occur when the moon passes in *front* of the sun.

ANSWER: **solar eclipse** (prompt on eclipse; do not accept or prompt on “lunar eclipse”)

[10] These proteins are the predominant structural proteins found in the lens of the eye. The alpha subtype serves as a molecular chaperone and maintains the transparency of the lens.

ANSWER: **crystallin**

5. Not all musical instruments are of mortal invention. For 10 points each:

[10] After the nymph Syrinx was transformed into reeds to avoid the lusty advances of Pan, Pan fashioned those reeds into this instrument, which now bears his name. It consists of a group of differently lengthed tube.

ANSWER: panpipes (accept pan flutes)

[10] The very first day Hermes was born, he invented this instrument using a turtleshell. Hermes then gifted it to an irate Apollo he'd stolen from, who now uses it as his signature instrument.

ANSWER: lyre (or lyra)

[10] A bit further north, the Finnish mage Väinämöinen created the first of these instruments from the jawbone of a pike and horsehair. He made the second of these string instruments from birch and a maiden's hair.

ANSWER: kantele (or harppu)

6. Let's get real. For 10 points each, name some things related to literary realism:

[10] Social realism was a reaction to this earlier and widespread movement that emphasized emotion and fought back against cold reason. Don't confuse this movement with things involving love.

ANSWER: Romanticism (accept word forms)

[10] An early realist was this French author, whose novels *The Red and the Black* and *The Charterhouse of Parma* spent a lot of time considering how the characters thought.

ANSWER: Stendhal (or Marie-Henri Beyle)

[10] Literary realism contained both social realism and socialist realism. The latter movement was exemplified by the work of this Soviet playwright who wrote the grimy *The Lower Depths*.

ANSWER: Maxim Gorky

7. This artist painted his wife with a prominent line down her nose in *The Green Stripe*. For 10 points each:

[10] Name this French painter who helped found a movement likened by Louis Vauxcelles to "wild beasts," Fauvism. Among his works include *Woman with a Hat* and *The Dance*.

ANSWER: Henri(-Émile-Benoît) Matisse

[10] A Fauvist work depicts one of these structures built for a railway at Charing Cross. James McNeill Whistler's *Nocturne in Blue and Gold* depicts one of these structures at Old Battersea.

ANSWER: bridges

[10] That painting of Charing Cross Bridge is by this artist, who also painted the brightly-colored *The Turning Road at L'Estaque*. He is usually credited as co-founding Fauvism with Matisse.

ANSWER: André Derain

8. This man led a force that defeated a 650,000 sailor-strong navy in the Battle of Lake Poyang. For 10 points each:

[10] Name this emperor, born the son of poor farmers in Anhui. As leader of the Red Turban Rebellion, he overthrew the Yuan Dynasty to take the throne.

ANSWER: Hongwu (or Zhu Yuanzhang)

[10] Hongwu was the first emperor of this dynasty that succeeded the Yuan. This dynasty greatly increased Chinese exploration under admirals like Zheng He and was known for its blue and white ceramics.

ANSWER: Ming dynasty (or Ming chao)

[10] Hongwu improved China's relationship with people of this religion through proclamations like the Hundred-Word Eulogy, which mentions this faith's practice of five daily prayers.

ANSWER: Sunni Islam (accept either underlined portion; accept Muslims)

9. The tide of this battle is alleged to have turned when the losing side ran from the battlefield in order to protect their camp and all the loot inside. For 10 points each:

[10] Name this battle in which Frankish infantry defeated forces under Abd ar-Rahman. It took place after an appeal by Odo the Great as an invading force approached the River Loire.

ANSWER: Battle of **Tours** (or the Battle of **Poitiers**; or the Battle of the **Palace of the Martyrs**)

[10] This Frankish general earned the epithet “the Hammer” for his legendarily “Christianity saving” victory at Tours.

ANSWER: Charles **Martel** (prompt on “Charles”)

[10] Charles Martel’s grandson was this Frankish king. This man was the first Holy Roman Emperor and the founder of the Carolingian dynasty.

ANSWER: **Charlemagne** (or **Charles the Great**; or **Charles I**; prompt on “Charles”)

10. This man wrote the “Letter to Chesterfield” after his most famous work received useless endorsements from Chesterfield after publication. For 10 points each:

[10] Name this British writer and “Dr.” who spent nine years writing his most famous work, a massive book containing over 100,000 quotations illustrating its central entries.

ANSWER: Dr. Samuel **Johnson**

[10] In addition to *A Dictionary of the English Language*, Johnson wrote this long poem subtitled “The Tenth Satire of Juvenal Imitated.”

ANSWER: *The **Vanity of Human Wishes***

[10] Johnson appeared in a book of this type written by James Boswell, and himself wrote one involving Richard Savage. Walter Isaacson wrote a book of this type centering on Steve Jobs.

ANSWER: **biography** (accept word forms; prompt on nonfiction or historical nonfiction; do not accept or prompt on “autobiography”)

11. One variant of this technique is the hanging drop method. For 10 points each:

[10] Name this process in which well-ordered solids precipitate out of a solution. The two major events of this process are nucleation and growth.

ANSWER: **crystallization** (accept word forms)

[10] The atomic structure of crystals can be determined by shooting it with a beam of this type of electromagnetic radiation and analyzing the resulting diffraction pattern. Rosalind Franklin notably used that type of crystallography.

ANSWER: **X-rays** (accept X-ray crystallography)

[10] This academic institution hosts the world’s largest repository of experimentally determined organic crystal structures in its namesake “Structural Database.” Frederick Sanger won multiple Nobel Prizes in Chemistry while working at this university.

ANSWER: **Cambridge** University

12. Answer the following about the reign of Justinian the Great, for 10 points each:

[10] The Blues and Greens were factions of fans of this ancient sport who attempted to overthrow Justinian in the Nika riots. This sport was usually held in a hippodrome.

ANSWER: **chariot racing** (accept equivalents; prompt on racing and word forms)

[10] Justinian governed from this city on the Bosphorus. It changed its name to Istanbul in the 20th century.

ANSWER: **Constantinople** (prompt on Byzantium)

[10] One of Justinian’s lasting contributions to the Byzantine economy was overseeing the start of this industry during his reign. Justinian had two Nestorian monks smuggle the animals needed for this industry into the empire.

ANSWER: **silk** industry/production/etc. (or sericulture)



13. Good things come in threes. Answer the following about foreign film trilogies, for 10 points each:

[10] Krzysztof Kieslowski's *Three Colors* trilogy consists of films named after these three colors. At the beginning of *Patton*, the title general gives a rousing speech in front of a flag with these three colors.

ANSWER: **red**, **white**, and **blue** (prompt on partial answer)

[10] Pier Paolo Pasolini's *Trilogy of Life* of literary adaptations is less famous than his *Salò*, a highly controversial adaptation of this Frenchman's *120 Days of Sodom*. The film heavily depicts this writer's namesake violence.

ANSWER: Donatien Alphonse François, Marquis de **Sade**

[10] The films *Pather Panchali*, *Aparajito*, and *Apur Sansar* comprise the *Apu* trilogy, a coming-of-age story widely acknowledged as the masterpiece of this influential Bengali filmmaker.

ANSWER: Satyajit **Ray**

14. The Mantoux test for this disease directly injects PPD under the skin. For 10 points each:

[10] Name this infectious disease caused by the namesake bacteria of the genus *Mycobacterium*. Historically, it was called consumption.

ANSWER: **tuberculosis**

[10] This founder of modern microbiology identified the causative agent of tuberculosis, cholera, and anthrax. His four postulates are used to establish a causal relationship between a pathogen and a disease.

ANSWER: Robert **Koch**

[10] Koch's postulates helped supplant this paradigm with modern germ theory. Francesco Redi and Lazzaro Spallanzani were among the first to discredit this theory.

ANSWER: **spontaneous generation**

15. This text describes two contrasting models for the circulation between money and commodities titled "C-M-C" and "M-C-M." For 10 points each:

[10] Name this multivolume "Critique of Political Economy." Its first chapter introduces the author's idea of commodity fetishism, and its second and third volumes were prepared by Friedrich Engels.

ANSWER: *Das **Kapital**: Kritik der politischen Ökonomie* (or **Capital**: *Critique of Political Economy*)

[10] This German philosopher wrote *Das Kapital*. He exhorted, "Workers of the world, unite!" in a book he again coauthored with Friedrich Engels, *The Communist Manifesto*.

ANSWER: Karl **Marx**

[10] In *The Eighteenth Brumaire of Louis Napoleon*, Marx uses this term to describe the low-status outcasts of society. Marx thinks they're essentially worthless losers because they will never achieve class consciousness.

ANSWER: **lumpenproletariat**

16. Beat up on your opponent in both quizbowl and video games! Otherwise, just mash the buttons. For 10 points each:

[10] This fighting game series uses Nintendo characters and contains installations like "Melee" and "for Wii U." Competitive players in this series include Mew2King and HungryBox.

ANSWER: Super **Smash** Bros. (prompt on **SSB**; accept Super **Smash** Bros. *64*, *Melee*, *Brawl*, *for Wii U*, or *for 3DS*)

[10] This graphically violent fighting game series causes a national moral panic in the 90s. In this series, characters like Johnny Cage and Sub-Zero perform eviscerating "Fatalities."

ANSWER: **Mortal Kombat** (prompt on **MK**)

[10] This Namco fighting series revolves around the "King of Iron Fist" tournament. A movie was even made, along with the sequel "Kazuya's Revenge."

ANSWER: **Tekken** (prompt on **TK**)

17. This landform is the only one on Earth that has inspired the name of a constellation. For 10 points each:

[10] Name this large flat-topped mountain and namesake of a national park in the Hottentots Holland range. Landmarks such as Lion's Head and the site of a quagga breeding project can be seen from its peak.

ANSWER: **Table Mountain** (or **Hoerikwaggo**; or **Tafelberg**)

[10] Table Mountain overlooks this city. Robben Island lies off the shore of this city, the legislative capital of its country.

ANSWER: **Cape Town**

[10] Cape Town, Bloemfontein, and Pretoria are the three capitals of this country, also the site of the Drakensberg Mountains.

ANSWER: Republic of **South Africa**

18. Sections like "Touch Me, Life, Not Softly" appear in this poet's collection *And Still I Rise*. For 10 points each:

[10] Name this poet whose first collection was entitled *Just Give Me a Cool Drink of Water 'fore I Diie*.

ANSWER: Maya **Angelou**

[10] Angelou is best known for this autobiography, which takes its title from a Paul Laurence Dunbar poem. It describes Angelou's upbringing in Stamps, Arkansas.

ANSWER: ***I Know Why the Caged Bird Sings***

[10] Angelou wrote and read her poem "On the Pulse of Morning" for one of these events. Other poetry readings at these events have included Richard Blanco's "One Today" and Robert Frost's "The Gift Outright."

ANSWER: U.S. presidential **inaugurations**

19. This law can be derived by making a quadratic approximation to potential energy at stable equilibria. For 10 points each:

[10] Name this law applicable to simple harmonic oscillators. It states that the restoring force is proportional to and opposes the displacement force, and contains a constant named for the devices to which this law is most often applied.

ANSWER: **Hooke's law**

[10] Hooke's law is usually applied to springs, but it also applies to these devices. They usually consist of some weight swinging freely from a pivot, and the "double" type is a good example of chaotic motion.

ANSWER: **pendulums** (or **pendula**)

[10] Actually, Hooke's law only applies to pendulums when angles are small. In that approximation, the sine of an angle  $x$  can be replaced by this simpler value.

ANSWER:  **$x$**

20. After the brother of one man involved in this scandal was arrested, the Supreme Court case *McGrain v. Daugherty* ruled that Congress had the ability to compel testimony. For 10 points each:

[10] Name this scandal which arose after Interior Secretary Albert Fall leased oil-rich land in the namesake Wyoming location in exchange for bribes.

ANSWER: **Teapot Dome** scandal

[10] The Teapot Dome and various other scandals plagued the administration of this president, whose death in office in 1923 led to the presidency of Calvin Coolidge. In 2015, DNA testing confirmed he had an illegitimate child with Nan Britton.

ANSWER: Warren G(amaliel) **Harding** (*Writer's note: and in 2014, several letters to his mistress Carrie Phillips were released that included him instructing her to call his private parts "Jerry." Look out, JFK...*)

[10] The Teapot Dome and other scandals during Harding's presidency frequently involved this close group of his advisers. They often carried out unscrupulous activities from the "Little Green House on K Street."

ANSWER: **Ohio Gang** (prompt on partial; accept exact phrase only)

21. One supporter of this cause was Emily Davison, who threw herself in front of King George V's horse in 1913.

For 10 points each:

[10] Name this cause. In Great Britain, many supporters of this cause went on hunger strikes in prison. Meanwhile, Elizabeth Cady Stanton and Susan B. Anthony fought for this right in the United States.

ANSWER: women's **suffrage** (or **suffragettes**; accept any answer about allowing **women** to **vote** or **enfranchising women** or equivalents; prompt on **voting** or **enfranchisement** or any other answer that does not mention women)

[10] The pro-suffrage Women's Social and Political Union was founded by this woman and her daughters Christabel and Sylvia. Mary Richardson slashed the *Rokeby Venus* to protest this suffragette's imprisonment.

ANSWER: Emmeline **Pankhurst** (or Emmeline **Goulden**)

[10] In Britain, women over 21 were allowed to vote in 1928, 35 years after this country became the first in the world to allow all women to vote in parliamentary elections.

ANSWER: **New Zealand** (or **Aotearoa**)