

**2020 Matt Cvijanovich Memorial Tournament:**

**Edited by Ganon Evans, Jacob O'Rourke, William Grossman, Karthik Prasad, Stefan Calin, Eric Chang, Alex Dzurick, and Sean Phillips**

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**Packet 5**

**1. At the conclusion of this text, twelve crops of fruit spring from a tree of life whose leaves are said to feed nations. In this text, chrysolite and amethyst adorn the twelve walls of a holy land whose area was measured with a golden rod. The moon and sun becoming red and black respectively in this book precede the (\*) opening of the seventh seal, when seven angels are prophesied to blast their trumpets. For 10 points, name this final book of the New Testament attributed to John of Patmos, the heavy symbolism of which speaks to the end of the world.**

ANSWER: Book of **Revelation** [do not accept or prompt on "Revelations"] <Vishal Kanigicherla>/<ed. KP>

1. For 10 points each, answer the following about the brachistochrone [*"brak-ees-to-chrone"*] problem, which is about finding a curve such as a rolling ball from point A down to point B has the fastest descent. [10] The original solution by Johann Bernoulli utilized Fermat's principle, which states light always follows the path of least time. This law relating the angles of incidence and refraction to refractive indices directly follows from Fermat's principle.

ANSWER: **Snell's** law

[10] This general curve is the solution to the brachistochrone problem. It is the curve traced out by a circle rolling along a straight line.

ANSWER: **cycloid**

[10] When this scientist's anonymous solution to the brachistochrone problem was seen by Bernoulli, he remarked "we recognize the lion by his claw." This scientist also devised three laws of motion.

ANSWER: Isaac **Newton** <Lalit Maharjan>/<Ed. SC>

**2. These particles come in "current" and "constituent" types, the latter of which possesses no asymptotic freedom. The model of these particles arose from a separate model called the "Eightfold way." These are the only particles that interact with all four fundamental forces. The emission of a W boson from these particles changes their (\*) flavor. Mesons consist of one of these particles and its anti-counterpart. Protons and neutrons are made of three of these things whose color charges cancel out. For 10 points, name these elementary particles that come in forms like charm, strange, up, and down.**

ANSWER: **quark** <Lalit Maharjan>/<Ed. SC>

2. For 10 points each, answer some questions about Emily Dickinson's poetry...in music:

[10] This composer set Dickinson's "Wild Nights" and "Because I could not stop for Death" in his *Harmonium*. He is better remembered for his *Short Ride in a Fast Machine*.

ANSWER: John Coolidge **Adams**

[10] This other American composer wrote the song cycle *Twelve Poems of Emily Dickinson* and worked with choreographer Martha Graham on his ballet *Appalachian Spring*.

ANSWER: Aaron **Copland**

[10] Copland's song cycle for Emily Dickinson was inspired by this composer, who he connected to Dickinson because of this composer's preoccupation with death. This composer's fear of the "curse of the ninth" led him to name his "ninth" symphony *The Song of the Earth*.

ANSWER: Gustav **Mahler** <Eric Chang>/<ed. KP>

**3. In this conflict, Kenneth Jarecke ["jur-eck"] photographed a burnt man in a truck. A fifteen-year-old girl named Nayirah testified that one side in this war removed babies from hospital incubators. Several soldiers were buried alive in an assault using bulldozers in this conflict. General "Stormin" (\*) Norman Schwarzkopf planned an operation in this war that featured the mass bombing of retreating troops on the "Highway of Death." This war included phases such as Operation Desert Storm and Desert Shield. For 10 points, name this 1990 war which began after Iraqi forces under Saddam Hussein invaded Kuwait.**

ANSWER: First **Gulf War** [accept Persian **Gulf War**, accept Operation **Desert Storm** or Operation **Desert Shield** before they are mentioned, prompt after; accept words forms of the **Iraqi Invasion of Kuwait**; do not accept or prompt on "Second Gulf War" or "Iraq War"] <Shohom Chakraborty>/<ed. GE>

3. Ordering this specific meal can involve the phrases "You know why I'm here" and "Cactus Jack sent me." For 10 points each:

[10] Name this meal, which is a McDonalds Quarter Pounder served with a Sprite and a barbeque sauce. This meal was inspired by an artist's late nights in Houston while creating tracks like "SICKO MODE" for his album *ASTROWORLD*.

ANSWER: **Travis Scott burger** [prompt on partial answers; or the **Travis Scott meal**; accept the **Travvy Patty**]

[10] McDonald's followed their Travis Scott collaboration with a Big Mac and Oreo McFlurry meal named for this Colombian "Prince of Reggaeton." This artist's songs include "Machika" and "Mi Gente" ["mee hen-tay"].

ANSWER: **J Balvin** [or José Álvaro Osorio **Balvín**; accept the **J Balvin Meal**]

[10] The Travis Scott burger was released at the same time as Dunkin Donuts' collaboration drink with this most followed TikTok star whose sister Dixie was also a member of the Hype House.

ANSWER: **Charli** d'Amelio [prompt on **d'Amelio** alone] <Ganon Evans>

**4. A character in this novel has a kidney stone dislodged while dancing in a blue silk outfit for a group of soldiers. Rahim Khan encourages this novel's protagonist to return to his home country, where he witnesses two people stoned outside a soccer stadium. A stolen watch is tucked under (\*)** Baba's pillow in this novel by a character who later marries General Taheri's daughter Soraya. A Hazara boy in this novel is raped in an alley by Assef while chasing objects whose strings had been cut with shards of glass. Hassan flies the title objects with Amir in Kabul in, for 10 points, what novel by Khaled Hosseini?

ANSWER: *The **Kite Runner*** <Ganon Evans>/<ed. WG>

4. The legendary doctors Andreas Vesalius and Ambroise Paré confirmed the death of a king from this activity by flexing his neck and eliciting meningismus. For 10 points each:

[10] Name this activity, during which the Captain of the Scottish Guard, the Count of Montgomery, accidentally killed his king, which ended mass performance of this activity.

ANSWER: **jousting** [accept **tilting**]

[10] The last Valois King of France who died in 1559 during a jousting tournament had this name. A later "good king" of this name oversaw the founding of Quebec, married Marie d' Medici, and once ruled over the Kingdom of Navarre.

ANSWER: **Henry** [or **Henri**; accept **Henry II**; accept **Henry IV**, Good King **Henry**, or **Henry III** of Navarre]

[10] Henry IV apocryphally claimed "Paris is well worth a mass" after converting to Catholicism from this other general Christian denomination. The Edict of Nantes provided religious protection to this denomination's Huguenots.

ANSWER: **Protestantism** [accept word forms; accept **Calvinism** or **Reformed**] <Ganon Evans>

**5. This organelle is left intact when sap-sucking sea slugs practice kleptoplasty by consuming algae. Plastoquinone [*"plas-toe-qwi-no-n"*] and cytochrome b6f can be found in this organelle, which contains the tic and toc complexes. In one theory, these organelles descended from multiple endosymbioses of cyanobacteria. A liquid called (\*) stroma surrounds stacks of thylakoids called grana in this organelle. The Calvin cycle occurs in this organelle, which contains two types of photosystems. For 10 points, name this organelle where photosynthesis occurs in plants.**

ANSWER: **chloroplast** <Lalit Maharjan/Ganon Evans>/<ed. SC>

5. This woman was given the hide of the Calydonian Boar by the prince Meleager after she was the first to injure the boar. For 10 points each:

[10] Name this huntress from Greek mythology. She was the only female aboard the Argo when it left Iolcus.

ANSWER: **Atalanta**

[10] Atalanta agreed to marry anyone who could beat her in a footrace, which led this grandson of Poseidon to compete. With Atalanta, this figure had the son Parthenopeus [*"pah-r-thuh-nuh-PEE-us"*].

ANSWER: **Hippomenes** [accept **Melanion**]

[10] Hippomenes beat Atalanta by throwing three of these fruits given to him by Aphrodite. The Garden of the Hesperides was a grove of trees that grew these fruits.

ANSWER: **golden apples** [prompt on **apples**] <Aditya Sivakumar>/<ed. EC>

**6. Wendy Carlos created an electronic transcription of a funeral march from this country to be the theme for *A Clockwork Orange*. One of the first operas from this country features the aria “When I am laid in Earth.” That opera is (\*) *Dido and Aeneas*. The Rondeau from the Abdelazer suite inspired a composer from this country to create a work that demonstrates instruments, titled *A Young Person’s Guide to the Orchestra*. For 10 points, name this home country of Henry Purcell and Benjamin Britten, who performed at the Royal College of Music in London.**

ANSWER: **England** [accept Great **Britain** or the **United Kingdom**; accept the **UK**] <Ganon Evans>/<ed. KP>

6. The title object of this story was cursed by an “old fakir” so that “three different men could have three different wishes on it.” For 10 points each:

[10] Name this W.W. Jacobs story in which a wish for 200 pounds on the title cursed object is granted in the form of compensation from Maw and Meggins after Herbert is crushed in a cotton machine.

ANSWER: “**The Monkey’s Paw**”

[10] Herbert’s family in “The Monkey’s Paw” has this surname. An author with this surname wrote about a spider who spins the message “Some Pig” in *Charlotte’s Web*, and also wrote *Stuart Little*.

ANSWER: **White** [accept E.B. **White**]

[10] The story ends with the Whites staring up a “quiet and deserted road” after hearing this specific sound in the night. A Thomas de Quincey essay is titled for an instance of this sound heard shortly after Macbeth murders King Duncan.

ANSWER: **knocking** [accept “On the **Knocking** at the Gate in Macbeth”] <Ganon Evans>/<ed. WG>

**7. This artist used only straight lines and spirals to create a portrait of James Joyce. A reflective golden bust by this artist was inspired by Marie Bonaparte’s vanity. This artist of *Princess X* wanted another of his sculptures to be displayed on the floor, without a pedestal, and in that sculpture, two heavily abstracted (\*) rectangular figures embrace in *The Kiss*. Another of his sculptures was the subject of a tax controversy as U.S. Customs refused to accept it as a work of art, even though it was supposed to represent the title animal in movement. For 10 points, name this Romanian sculptor of *Bird in Space*.**

ANSWER: Constantin **Brâncuși** [“*bran-KOOSH*”] <Michael Eng>/<ed. EC>

7. The confluence of the Brigach and Breg Rivers in this region is the source of the Danube. For 10 points each:

[10] Name this densely wooded region in the German state of Baden-Württemberg. Swiss music boxes were used to create the first cuckoo clocks, which originated in this region.

ANSWER: the **Black Forest** [or the **Schwarzwald**]

[10] Baden-Württemberg’s capital, Stuttgart, is referred to as the “cradle” of this industry.

Mercedes-Benz and Porsche, two companies in this industry, are headquartered in Stuttgart.

ANSWER: **car** manufacturing [accept synonyms for **cars** such as **automobiles**; accept **vehicle** manufacturing; prompt on **manufacturing** alone with “Manufacturing what?”]

[10] This other city in Baden-Württemberg is the birthplace of Albert Einstein and is home to the tallest church steeple in the world.

ANSWER: **Ulm** <Ganon Evans>/<ed. AD>

**8. A character with this profession plays checkers with the owner of a cigarette case made of human skin named Captain Segura. In a novel titled for this profession, Winnie stabs her husband Adolf Verloc after the death of her mentally challenged son Stevie. The former vacuum cleaner salesman James Wormold has this profession in Graham Greene's (\*) *Our Man in Havana*. A bomb detonation destroys Greenwich Observatory in a novel titled for this profession by Joseph Conrad. John le Carré wrote a novel titled "Tinker, Tailor, Soldier, [this profession]." For 10 points, name this profession of Ian Fleming's character James Bond.**

ANSWER: **spy** [accept synonyms such as secret **agent**, covert **agent**, or **agent** of **espionage**; accept Tinker, Tailor, Soldier, **Spy**; prompt on vacuum cleaner salesman before "former"] <Ganon Evans>/<ed. WG>

8. Bright blue and yellow versions of these items were installed across Tejon Ranch in California and along the Sato River in Japan before one fatally pinned a woman against a rock. For 10 points each:  
[10] Identify this item that is commonly used to block rain or sunlight. Georges Seurat featured a woman holding this item with her right hand while holding a monkey's leash with her left in *A Sunday Afternoon on the Island of La Grande Jatte*.

ANSWER: **umbrella** [or **parasol**]

[10] This artist planned *The Umbrellas* and installed orange gates in Central Park alongside his wife Jeanne-Claude. After his death in May 2020, his team confirmed that they will continue with plans to wrap the L'Arc de Triomphe with fabric next year.

ANSWER: **Christo** [accept **Christo** Vladimirov **Javacheff**]

[10] One of Jeanne-Claude and Christo's largest projects was wrapping a Parliament building in this city in 1995. Carl Gotthard Langhans placed a *quadriga* chariot on top of a large gate in this city.

ANSWER: **Berlin** [prompt on **Brandenburg**] <Annie Lin>/<ed. EC>

**9. He's not Jonathan Swift, but in one essay, this author shatters a mirror with a water pitcher and later imagines "Gulliver, tied down by the pygmies on that island" when seeing his father in a hospital bed. The epistolary structure of Ta-Nehisi Coates' *Between the World and Me* was inspired by a letter from this author to his nephew titled "The Fire Next Time." (\*) David carries out a homosexual affair in Paris with the title bartender in one novel by this author. Gabriel leads the Harlem Temple of the Fire Baptized and conflicts with his son John Grimes in an autobiographical novel by this author. For 10 points, name this author of *Giovanni's Room*, *Notes of a Native Son*, and *Go Tell It On the Mountain*.**

ANSWER: James **Baldwin** <Ganon Evans>/<ed. WG>

9. Dr. Pedro Era created wax copies of this woman's embalmed body, while the real body rested in Milan under the name "María Maggi." For 10 points each:

[10] Name this popular radio and movie star who succumbed to cancer before a vice presidential bid with her husband Juan in 1951.

ANSWER: Eva Perón [accept Evita; prompt on Perón alone; accept María Eva Duarte de Perón]

[10] Eva and Juan Perón created a popular government in this South American country from the Casa Rosada. This country fought against Paraguay alongside Uruguay and Brazil in the War of the Triple Alliance.

ANSWER: Argentina

[10] After Eva Perón subverted the traditional Sociedad de Beneficencia with her own welfare foundation, Argentine elites derided her working poor support base by this name, which she embraced. This name allegedly derives from workers protesting Juan Perón's arrest in 1945.

ANSWER: descamisados [accept the shirtless ones or any answering indicating people not wearing shirts] <Ganon Evans>

**10. In one appearance, this character is seen curtain dancing to Lesley Gore's *You Don't Own Me* in Belle Reve Penitentiary. This character is hunted by Renee Montoya after driving a truck into Ace Chemicals. Bud and Lou are two pet hyenas owned by this character, and she names another one Bruce "after that hunky (\*) Wayne guy." After Cassandra Cain steals from Victor Zsasz, this character forms the Birds of Prey to fight Black Mask in a film partially titled for her "emancipation." Margot Robbie portrays, for 10 points, what Batman villain, a former psychiatrist and girlfriend of the Joker?**

ANSWER: Harley Quinn [accept either underlined; accept Dr. Harleen Quinzel] <Ganon Evans>/<ed. SP>

10. Laura Mulvey defined this concept as Hollywood's form of scopophilia in her 1975 essay "Visual Pleasure and Narrative Cinema." For 10 points each:

[10] Name this concept from feminist film study which describes how media objectify women as sexual devices for the pleasure of a certain type of viewer.

ANSWER: the male gaze [prompt on gaze]

[10] Art critic John Berger defined women as the "seen" in Western art because of women's frequent depiction in this manner. The Guerilla Girls asked "Do women have to be [this] to get into the Met?" in a series of protest posters.

ANSWER: nude [accept synonyms like naked or without clothing]

[10] The male gaze is an example of this ideology, a social system in which men hold power in society and control acceptable forms of gender expression.

ANSWER: patriarchy <Ganon Evans>/<ed. AD>

**11. As a child, this figure once saved a village from a storm by lifting the Govardhana hills over the village. Plots to kill this figure involved the wind demon Trinavarta and the bull demon Arishtasura being sent by his uncle Kamsa. As a child, this figure was swapped at birth with the goddess Yogmaya. In the (\*) *Bhagavad Gita*, this figure has a lengthy discussion with his friend, the Pandava prince Arjuna, for who this deity serves as a charioteer in the Kurukshetra War. This Hindu god is frequently depicted playing the flute. For 10 points, name this blue-skinned eighth avatar of Vishnu.**

ANSWER: Krishna [prompt on Vishnu before mentioned] <Aditya Sivakumar>/<ed. EC>

11. Answer the following about the curious biology of the platypus. For 10 points each:

[10] Like many fishes, platypi lack this organ, meaning that their food travels directly from the esophagus to the intestines instead of dissolving in this acidic organ.

ANSWER: **stomach**

[10] The platypus possesses a cloaca, making them a member of this order of egg-laying mammals whose only other extant members include four species of echidnas.

ANSWER: **monotremes** [or **Monotremata**]

[10] Male platypi produce venom during mating season, which is released from one of these bone outgrowths. The ring-tailed lemur uses these outgrowths to mark their territory.

ANSWER: **spurs** <Ganon Evans>/<ed. SC>

*Note to Players: Description Acceptable*

**12. The Windscale fire was caused by the deadliest one of these events in Great Britain. One of these events took place in an area now owned by the Exelon Corporation on the Susquehanna River. The Red Forest was created by one of these events, which also left the (\*) Elephant's Foot. Three Mile Island was the site of one of these events in the United States, and in 2011, one of these events was caused by a tsunami in the Fukushima prefecture. In 1986, one of these events occurred after a steam explosion in a Chernobyl plant. For 10 points, name these events during which a reactor releases radioactive material.**

ANSWER: **nuclear disasters** [accept any answer with **nuclear** and indicating an **accident** or something bad happened] <Shohom Chakraborty>/<ed. GE>

12. Answer the following about Former Tennessee Senator and Vice President Al Gore's rich political history. For 10 points each:

[10] Gore takes credit for "inventing" this global system through his namesake Gore Bill, which supported the early Advanced Research Projects Agency Network. The World Wide Web is a system used to navigate this global network.

ANSWER: the **Internet** [or the **interconnected network**; accept **cyberspace** or descriptions of being **online**]

[10] Gore and this Connecticut Senator lost the 2000 Presidential election over a controversial Florida recount. This senator spearheaded the creation of the Department of Homeland Security after 9/11.

ANSWER: Joe **Lieberman** [or Joseph **Lieberman**]

[10] The 2007 Nobel Peace Prize was jointly won by Gore for his climate activism, which includes this 2006 documentary designed to educate people about global warming.

ANSWER: An **Inconvenient Truth** <Ameya Singh>/<ed. GE>

**13. The isothermal titration type of this technique is commonly used to study the binding of ligands to macromolecules. In an isochoric variety of this technique, a highly reinforced chamber known as a bomb must be able to withstand great pressure. The mnemonic equation (\*) “q equals mCAT” is used to calculate the result of this technique where C is specific heat. A constant pressure type of this technique used in intro chemistry labs involves a thermometer inside a styrofoam cup. For 10 points, name this lab technique that measures the heat gained or lost during a reaction.**

ANSWER: **calorimetry** [accept **calorimeter**; accept isothermal titration **calorimetry**; accept bomb **calorimetry**] <Michael Eng>/<ed. SC>

13. This peculiar material was used to fashion the original ropes of the Higashi-Honganji temple. For 10 points each:

[10] Name this material. In many depictions, Siddhartha Gautama is seen with curls of this material, while many Buddhist monks tonsure it.

ANSWER: human **hair** [accept **beard**]

[10] Higashi-Honganji, Tōdai-ji, and other Japanese Buddhist temples can be entered through a *sammon* gate. Elsewhere in Japan, a simple *torii* gate signifies a shrine of this native Japanese religion which worships *kamis*.

ANSWER: **Shintoism**

[10] Many Buddhist temples like Higashi-Honganji celebrate this holiday by pouring sweet tea over statues meant to represent light rain. This holiday is known as Hanamatsuri or the Festival of Flowers. A description is acceptable.

ANSWER: **birthday** of the **Buddha** [accept any answers indicating the **day that the Buddha was born**; accept **Siddhartha Gautama** or **Shakyamuni** in place of the **Buddha**] <Vishal Kanigicherla>/<ed. KP>

**14. This country’s first prime minister modernized it through the Witte system. The Black Hundred carried out nationalist assassinations for this country’s monarch, who signed the Basic Laws of 1906. The slaughter of a worker’s march led by Father Gapon on Bloody Sunday began this country’s (\*) 1905 revolution, during which the October Manifesto was released. A revolution in this country contained “February” and “October” phases, and began with the overthrow of Alexander Kerensky’s government. For 10 points, name this country ruled by Czar Nicholas II until 1917.**

ANSWER: **Russia** [or the **Russian Empire**, do not accept or prompt on USSR or Soviet Union] <Aditya Sivakumar>/<ed. GE>

14. Gwen Harwood used this poem's final line "I am the captain of my soul" to title her 1960 retelling of this poem. For 10 points each:

[10] Name this poem by William Ernest Henley, which was written after its author's leg amputation and describes being "bloody, but unbowed" beneath the "horror of the shade."

ANSWER: "**Invictus**"

[10] William Ernest Henley inspired this peg-legged, parrot-owning pirate who mutinies against Captain Smollett on the *Hispaniola* and captures Jim Hawkins while searching for Captain Flynt's buried treasure in *Treasure Island*.

ANSWER: Long **John Silver** [accept either underlined]

[10] *Treasure Island* is a novel by this Scottish author of *Kidnapped!* and *The Strange Case of Dr. Jekyll and Mr. Hyde*.

ANSWER: Robert Louis **Stevenson** <Ganon Evans>/<ed. WG>

**15. One dinosaur that lived during this period is named after the double-beamed chevron bones found on its tail. An important Lagerstätte for this period is the Tendaguru Formation in Tanzania which saw the discovery of Kentrosaurus. The Tethys Sea closed up during this period and probably the earliest (\*) bird, Archaeopteryx [ "ark-ay-o-tear-icks" ], lived during this period.**

Thagomizers characterized the armored Stegosauruses that lived in this period, and it was a golden age for herbivorous sauropods such as Diplodocus. For 10 points, name this second period of the Mesozoic era after the Triassic.

ANSWER: **Jurassic** period <Stefan Calin>/<ed. SC>

*Note to moderator: read the answerline to the first part carefully*

15. This play ends as the engineer Alquist proclaims Primus and Helena the new Adam and Eve, and tells them "The World is Yours." For 10 points each:

[10] Name this Karel Čapek [*cha-pek*] play in which the title characters destroy Domin's factory after Busman electrocutes himself on its outer gate.

ANSWER: **R.U.R.** [accept BUT DO NOT REVEAL **Rossum's Universal Robots** or **Rossumovi univerzalni roboti**]

[10] R.U.R. coined this name for automatons. Three Laws by Isaac Asimov for these creations outline how they "must protect their own existence" so long as they always obey and never harm humans.

ANSWER: **robots**

[10] Rick Deckard "retires" the Nexus-6 replicant Roy Batty in this author's novel *Do Androids Dream of Electric Sheep?*. This science fiction author's other adapted works include *The Man in the High Castle* and *Minority Report*.

ANSWER: Phillip K. **Dick** <Ganon Evans>/<ed. WG>

**16. The founder of this state died from a poisoned arrow to the leg while fighting its Calusa people. French exiles established Fort Caroline in this state. The settlement of this state was the purpose of the Narvaez expedition. The Adams-Onís Treaty purchased this state from (\*) New Spain. Juan Ponce de Leon searched for the Fountain of Youth in this state. Osceola fought Andrew Jackson in the Seminole Wars in this state. For 10 points, name this state home to the Spanish settlement of St.**

Augustine, and whose colonial capital was made Tallahassee.

ANSWER: **Florida** <Lalit Maharjan>/<ed. GE>

16. HIV often targets the “CD4 helper” variety of these cells, which are activated by the costimulatory signal from CD28. For 10 points each:

[10] Name these cells responsible for the cellular immune response. They are named for the fact that they mature in the thymus.

ANSWER: **T** cells [or **T** lymphocytes]

[10] T cells evolve from lymphoid progenitors in hematopoiesis, or, the creation of blood cells, which occurs in this body part’s “marrow” tissue. Calcium intake helps prevent osteoporosis, which affects this body part.

ANSWER: **bones** [accept **bone** marrow; prompt on **skeletons** with “What are skeletons made of?”]

[10] The “rule of 8” determines how T cells recognize these structures on the surface of a cell. Immunoproteasomes are used to load peptides into this structure, whose class II is expressed by APCs.

ANSWER: **major histocompatibility** complex [or **MHC**; accept **MHC** class II] <Bo Chi>/<ed. SC>

**17. In a story by this author, men sprinkle lime to mask a smell at the house of the title character whose taxes were remitted by Colonel Sartoris; that title character created by this author is revealed to have slept with Homer Barron’s corpse. In a novel by this author, Anse gets money for new teeth after traveling to (\*) Yoknapatawpha [“yoke-nuh-pah-taw-fa”] County for a burial. This author of “A Rose for Emily” also wrote a novel in which Benjy’s brother Quentin drowns himself in the Charles River. For 10 points, name this author who wrote about the Bundren and Compson families in *As I Lay Dying* and *The Sound and the Fury*.**

ANSWER: William **Faulkner** [or William Cuthbert **Faulkner**] <Eric Chang>/<ed. WG>

*Note to Moderator: read the first answerline carefully*

17. Pliny the Younger recorded how Pomponianus and his uncle Pliny the Elder launched a rescue fleet to save victims of this event. For 10 points each:

[10] Name this 79 AD event. Archaeologists have narrowed down identifying the date of this event by finding autumn fruits in braziers at Herculaneum.

ANSWER: **eruption** of Mount **Vesuvius** [both underlined parts required; prompt on partial answers; accept any answers indicative of Mount **Vesuvius exploding**; prompt BUT OTHERWISE DO NOT REVEAL on anything mentioning **Pompeii** with “What was the cause of that event?”]

[10] Ash from the eruption of Mount Vesuvius preserved bodies in this other city which was destroyed during the eruption of Mount Vesuvius.

ANSWER: **Pompeii**

[10] The Satria family most likely owned this block-sized private villa preserved at Pompeii. This villa is named for the dancing statue outside its front and contained the Alexander Mosaic.

ANSWER: **House of the Faun** <Ganon Evans>

**18. Claudia Card responded to skepticism about this concept by claiming this concept arises from injustice. In *Origins of Totalitarianism*, a philosopher described this concept's "radical" form as the loss of human freedom. The most famous skeptic of this concept claimed that it promotes the weak in spirit while suppressing the strong in his book *On the Genealogy of (\*) Morality*. Hannah Arendt's *Eichmann in Jerusalem* used Nazi indifference to war crimes to describe the "banality" of this concept. Friedrich Nietzsche wrote a critique of moral interpretation titled "Beyond Good and," for 10 points, what opposite concept?**

ANSWER: **evil** [accept Beyond Good and **Evil** or the banality of **evil**] <Ganon Evans>

18. Alfred Hitchcock's namesake "style" of films involves angling these objects to mimic a person's gaze, allowing viewers to experience the perspective of the characters. For 10 points each:

[10] Name these objects, which may zoom in and out of focus to capture shots in movies.

ANSWER: movie **cameras** [accept obvious equivalents mentioning a **camera**]

[10] Hitchcock shot the opening scene of this film with cameras pointed at two men's feet as they continually cross paths with each other before sitting down together. A tennis player in this film has to kill Bruno's father in return for Bruno killing the athlete's wife.

ANSWER: ***Strangers on a Train***

[10] Hitchcock pioneered the dolly zoom to represent a James Stewart-played protagonist's fear of heights in this 1958 film. A woman falls from a church steeple at this film's climax.

ANSWER: ***Vertigo*** <Arjun Gonuguntla>/<ed. EC>

**19. This figure claimed 2013 cuts to the 1965 Voting Rights Act belonged in "Congress' bailiwick," a phrase inspired by Cornell professor Vladimir Nabokov. This figure's interpretation of discrimination law inspired the Lilly Ledbetter Fair Pay Act of 2009. This figure authored the (\*) majority opinion in *United States v. Virginia*, which found that VMI had violated the Equal Protection Clause. Antonin Scalia was an unlikely friend of, for 10 points, which Supreme Court justice, the second female justice, who passed away in September 2020?**

ANSWER: Ruth Bader **Ginsberg** [or Joan Ruth **Bader**; accept **RBG** or the Notorious **RBG**] <Ganon Evans><ed. AD>

19. The natural log of the rate of this process is proportional to Z over the square root of kinetic energy according to the Geiger-Nuttall law. For 10 points each:

[10] Name this type of radiation which decreases the mass number of an atom by 4. Elements with fewer than 82 protons will generally not undergo this type of radiation.

ANSWER: **alpha decay** [or **alpha radiation**]

[10] Alpha decay decreases the atomic number of an atom by this amount. This is because the alpha particle, which is just a helium nucleus, has this many protons.

ANSWER: **two**

[10] The observation of lower than expected binding energy of nucleons led to the formulation of these specific numbers which make up their namesake nuclei. Some nuclei can be doubly [*this*] such as the aforementioned alpha particle or Helium-4.

ANSWER: **magic** numbers [accept **doubly magic**] <Michael Eng>/<ed. SC>

**20. In June 2020, wildfires near this body of water in Tabby Canyon spread to its Stansbury Island. The Oquirrh [“oh-ker”] Mountains run underneath this body of water, creating its Antelope and Fremont Islands. The Lucin Cutoff is a railway that splits this body of water in half through (\*) Promontory Point. Rozel Bay in this body of water contains Robert Smithson’s installation *Spiral Jetty*. This last remnant of the prehistoric Lake Bonneville is fed by the Bear and Jordan Rivers. For 10 points, name this largest lake of Utah.**

ANSWER: the **Great Salt Lake** [prompt on Salt Lake; prompt on Salt Lake City] <Ganon Evans>  
<Geography>/<ed. AD>

20. A Scott O’Dell book is titled for an “Island of [*this color*] Dolphins.” For 10 points each:

[10] Name this color. A book titled for the Spanish word for this color by Rubén Darío includes the sections “En Chile” and “El año lírico.”

ANSWER: **blue** [accept **azul**; accept *The Island of Blue Dolphins*]

[10] The color blue features in the works of this American novelist, who wrote about Pecola Breedlove in *The Bluest Eye*. This author also wrote *Song of Solomon*.

ANSWER: Toni **Morrison** [accept Chloe Anthony **Wofford** or Chloe Ardelia **Wofford**]

[10] This poem by Langston Hughes depicts a man “droning a drowsy syncopated tune/Rocking back and forth to a mellow croon” and how he sings that he “can’t be satisfied” as he sings the title song.

ANSWER: “The **Weary Blues**” <Eric Chang>/<ed. WG>