

2019 Wayzata Academic Invitational Tournament

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Packet 11

Tossups

1. Before this character dies, he proclaims, "So I pray and call on the ancestral gloom of Tartarus to snatch thee hence," when his son begs him to relent a curse. Polynices's [poly-NYE-sees] body is buried by this man's daughter. After being raised by Polybus and Merope, this character fulfills a prophecy by killing his (*) father at a crossroads. This character was able to correctly answer "a man" to the Sphinx's riddle to become king of Thebes and blinds himself with pins after realizing he married his mother. For 10 points, name this son of Laius and Jocasta.

ANSWER: Oedipus [accept Oedipus Rex; accept Oedipus Tyrannus; accept Oedipus the King] <CS> Ed. JK

2. In an opera by this composer, a man disguised as the servant girl Mariandel garners the attraction of a baron; in that opera by this composer, the Marschallin loses her lover Octavian to Sophie. In another of this man's operas, a king slips on the blood of the captain Narraboth and the title character shocked audiences by (*) undressing during the "Dance of the Seven Veils"; in that opera by this composer, the title woman is crushed to death after Herod grants her request for Jochanaan's [jo-ha-na-an's] head on a platter. For 10 points, name this German composer of *Der Rosenkavalier* and *Salome* [sal-oh-may].

ANSWER: Richard Georg Strauss [prompt on "Strauss"; do not accept "Strauss I," or "Strauss II," "Strauss the Elder," "Strauss the Younger," "Strauss Sr.," "Strauss Jr.," or anything involving "Johann Strauss"] <CS> Ed. TH

3. In a speech, a former leader of this party declared, "If you give people a choice, you have a duty to implement what they decide." Father of the House Kenneth Clarke was one of twenty-one members of this party who were suspended in September 2019 after demonstrating their support for the (*) Benn Bill. This party entered into a confidence-and-supply agreement with the Democratic Unionist Party after a 2017 election. Its current leader became prime minister following the resignation of Theresa May. For 10 points, name this UK political party that opposes the Labour Party and is led by Boris Johnson.

ANSWER: Conservative and Unionist Party [or Conservatives, Unionist(s) Party, or Tories; accept answers correctly identifying the party's country as the UK or Britain] <BW> Ed. BS

4. A sermon named for this substance addresses bhikkhus [BE-koos] and teaches how to attain arhatship through disavowing their senses. Shadrach, Meshach, and Abednego were saved from this substance by an angel. This substance is one of the five elements of Hinduism and is personified by (*) Agni. Zoroastrian places of worship are named for this substance. Contrasted with a pillar of cloud by day, a pillar of this substance appeared to the Israelites in Exodus at night. For 10 points, name this visible phenomenon that speaks to Moses while on a bush and is used for cremation in funeral rites.

ANSWER: fire [or flames; accept cloven fire, furnace, or burning bush before mention] <AH> Ed. JK

5. Depending on whether this substance's velocity is nonrelativistic or ultrarelativistic, it is described using the adjectives "cold" or "hot." Axions and sterile neutrinos are hypothetical candidates for this substance, as are MACHOs and WIMPs. This substance composes approximately (*) 23% of the mass-energy of the universe. Vera Rubin first proposed the existence of this substance to explain anomalous galaxy rotation curves. For 10 points, name this hypothetical type of matter named for the fact that it does not interact with light.

ANSWER: dark matter [accept dark after "matter"] <BW> Ed. GC

6. This person approved a “Fundamental Law” that was passed at a congress he convened in Angostura. This leader claimed that “we are a microcosm of the human race” in his “Letter from Jamaica.” This man attacked Francisco de Miranda’s failed republic in the (*) Cartagena Manifesto. This man discussed the state of Peru with José de San Martín at the Guayaquil Conference, and he was the first president of Gran Colombia. For 10 points, name this “liberator” of South America, who lends his name to a country with a capital at La Paz.

ANSWER: Simón Bolívar [accept El Libertador before “liberator” is read] <AK> Ed. TH

7. Lin-Manuel Miranda used lyrics from this musical to title his 2017 song for hurricane relief efforts, *Almost like Praying*. A character in this musical describes a name “that will never be the same to me” after meeting another character in a gym; those two characters sing the duet “Somewhere.” In this musical, (*) Anita finds out Bernardo’s sister has been secretly dating a former member of a rival gang, and the feud between the Jets and the Sharks ends when Tony dies in Maria’s arms. For 10 points, name this Stephen Sondheim and Leonard Bernstein musical, a retelling of *Romeo and Juliet*.

ANSWER: West Side Story <CS> Ed. JK

8. Torkild Rieber, who was then the CEO of Texaco, illegally supplied one side in this war with oil. During this war, Emile Mola coined the term “fifth column” to describe groups who sympathized with the enemy. Towns like Vizcaya were carpet-bombed in this war by the Condor Legion. American volunteers fighting in this conflict formed the (*) Abraham Lincoln Brigade. Under Operation Rügen, German and Italian air forces in this war bombed Guernica. For 10 points, name this war fought between the Republicans and the Nationalists that ended with Francisco Franco’s rise to power in an Iberian nation.

ANSWER: Spanish Civil War [or Guerra Civil Española; prompt on “civil war” alone] <AK> Ed. TH

9. In this play, Sam Craig talks to the undertaker when attending the funeral of his cousin, and the cornerstone of the bank contains a copy of the *Sentinel* newspaper. The horse Bessie belongs to the milkman Howie Newsome in this play. “Blessed Be the Tie That Binds” is sung for a character in this play who dies of childbirth and asks “Do any human beings ever (*) realize life while they live it?” when reliving her twelfth birthday. George Gibbs marries Emily Webb in this play, which is narrated by the Stage Manager. For 10 points, name this play set in Grover’s Corners, written by Thornton Wilder.

ANSWER: Our Town <BS> Ed. JK

10. The phase problem can arise in a technique used to determine the structure of these materials. Auguste Bravais divided the conformations of these materials into 14 different categories. Screw dislocations and vacancies are examples of “defects” in these materials. An (*) X-ray is fired through these materials in a common technique for determining their structures. A form of these materials in liquid form can be found in television displays. For 10 points, name these solid materials with a repeating lattice structure, such as ice and table salt.

ANSWER: crystalline solid [or crystals; accept liquid crystals; accept X-ray crystallography; prompt on “solid materials”] <AH> Ed. GC

11. Scholars have suggested that a wispy form embraced by an angel in yellow in one of this man’s paintings is the soul of the title man. In another work by this man, seven nudes replace their colored robes for the white robes of salvation. This artist of *The* (*) *Opening of the Fifth Seal* painted turbulent clouds looming over his city in one of the first western landscapes. In another painting, this man’s son points to Saint Stephen and Saint Augustine as they lower a corpse. For 10 points, name this painter of *View of Toledo* and *Burial of the Count of Orgaz* whose nickname stems from his birth on Crete.

ANSWER: El Greco [or Domenikos Theotokopoulos] <BL> Ed. TH

12. A line from this poem titles Ursula Le Guin's short story "Vaster Than Empires and More Slow." In this poem, the speaker finds rubies by the Indian Ganges and declares, "Though we cannot make our sun stand still, yet we will make him run." The speaker of this poem tells the addressee that "the grave's a fine and quiet place" and that he can be refused "till the conversion of the (*) Jews" as his "vegetable love" grows. This poem mentions "time's wingèd chariot hurrying near" and begins, "Had we but world enough and time." For 10 points, name this poem by the metaphysical poet Andrew Marvell. ANSWER: "To His Coy Mistress" <BS> Ed. JK

13. These molecules are aminoacylated in a process that is catalyzed by the enzyme aaRS and is called charging. These molecules with a characteristic cloverleaf-shaped secondary structure display wobble pairing, allowing them to violate Watson-Crick base pairing. Elongation factors allow these molecules to bind to the (*) A site. These molecules contain an anticodon, which allows them to recognize codons in messenger RNA and transport their associated amino acid to the ribosome. For 10 points, name this form of RNA involved in translation.

ANSWER: tRNA [or transfer ribonucleic acid; prompt on "RNA"] <BW> Ed. GC

14. The composer of this work described it as a "series of mood pictures." The beginning of this composition's fifth movement resembles the ticking of a clock, while its first movement begins with the strings playing col legno on the G string in 5/4 ["five four"] time. The *maestoso* [my-stoh-soh] tune of one movement in this composition is the basis of the hymn (*) "I Vow to Thee My Country." The last movement uses offstage women's choirs that fade out to end this suite, which includes movements subtitled "the Mystic" and "the Bringer of War." For 10 points, name this Gustav Holst suite inspired by the solar system.

ANSWER: *The Planets* <BS> Ed. RC

15. This man's invasion of Nubia is commemorated in temples that he constructed at Beit el-Wali. This successor of Seti I and husband of Nefertari ruled past the age of 90 and celebrated more *sed* festivals than any other pharaoh. This pharaoh defeated a group of the Sea Peoples, the Sherden, by luring them inland. After attacking Syria, this pharaoh signed what may be the first (*) peace treaty in history with the Hittite ruler Hattusili III after the Battle of Kadesh. For 10 points, name this "great" Egyptian pharaoh of the New Kingdom who is depicted in statues at Abu Simbel.

ANSWER: Ramesses II [accept Ramses for Ramesses; accept Ramesses the Great; accept Ozymandias; prompt on "Ramesses"] <BL> Ed. TH

16. In Chinese myth, this type of animal eats the sun or moon during an eclipse. Quetzalcoatl's [KET-sull-koh-AH-tull] twin brother is often depicted with the head of this animal; that god is Xolotl [shoh-LOHT-ull]. Zeus turned the Teumessian fox and an animal of this type named Laelaps into stone to resolve a paradox. Geryon's cattle were (*) guarded by a two-headed one of these animals named Orthrus. Psyche used honey cakes to slip past a three-headed one of these animals that guards the gates of Hades. Cerberus is, for 10 points, what kind of guard animal?

ANSWER: dog [or hound; or canine; accept watchdog; accept guard dog] <CS> Ed. TH

17. The simplest low-pass filters contain a resistor followed by one of these devices. The reactance of one of these devices is inversely proportional to frequency. The current across a circuit consisting of a resistor and one of these devices decays exponentially with time. The strength of these devices can be increased by placing a (*) dielectric in them and is proportional to area and inversely proportional to distance. A pair of parallel plates is a common configuration for these devices, whose strength is measured in farads. For 10 points, name these circuit elements that store energy in the form of charge.

ANSWER: capacitors [or condensers] <BW> Ed. GC

18. In a novel by this author, Dr. Krokowski suggests that a character visit a location inhabited by his future lover Claudia Chauchat, where that character listens to the debates of a converted Catholic and an Italian humanist. In a novella by this author, the protagonist asks why the air smells of disinfectant and gets sick from (*) overripe strawberries. This author wrote about Hans Castorp, who spends seven years in a sanatorium, and the Polish boy Tadzio, who is loved by Count Gustav von Aschenbach. For 10 points, name this German author of *The Magic Mountain* and *Death in Venice*.

ANSWER: Thomas Mann <CS> Ed. JK

19. The losing side of this battle tried launching a diversion across Stone Bridge but were stopped by Nathan Evans. Joseph Johnston's surprise reinforcements in this battle forced the retreat of Union soldiers, who were joined by fleeing civilians in the Great Skedaddle. The high civilian turnout at this battle granted it its nickname of a "picnic battle." General Barnard Bee coined (*) a man's nickname when he described Thomas Jackson as "standing like a stone wall" at this battle. For 10 points, name this first major Civil War battle, the first of two fought near a namesake creek close to Washington, DC.

ANSWER: First Battle of Bull Run [or First Battle of Manassas; prompt on "Manassas" or "Bull Run" alone] <BL> Ed. TH

20. A psychologist at this university proposed the concept of self-efficacy in his theory of social learning. An experiment conducted by Walter Mischel at this location found that higher GPAs were correlated with a child's ability to delay gratification in a test involving marshmallows. Christina Maslach helped end an experiment at this location, where a subject called (*) 8612 was released early due to a mental breakdown and the subject 416 went on a hunger strike to protest abusive guards. For 10 points, name this university where Philip Zimbardo conducted an experiment simulating a prison.

ANSWER: Stanford University [accept Stanford marshmallow experiment; accept Stanford prison experiment] <CS> Ed. GC

Tiebreaker: A play by this writer begins as a character pretends to hit her head against a window shutter; in that play by this author, the maid Toinette [TWA-net] helps the protagonist's daughter avoid her marriage to Thomas Diafoirous. In another play by this writer, Damis is banished after his father believes that he is lying, and the protagonist attempts to seduce (*) Elmire as Orgon hides under a table. This author wrote about the hypochondriac Argan in one play and the title religious hypocrite in another. For 10 points, name this French playwright of *The Imaginary Invalid* and *Tartuffe*.

ANSWER: Moliere [accept Jean-Baptiste Poquelin] <CS>

Bonuses

1. The second part of this work is the *Skáldskaparmál* [skalt-ska-per-mal], in which Ægir and Bragi discuss the origins of many kennings. For 10 points each:

[10] Name this work by Snorri Sturluson that opens with the *Gylfaginning* [jeh-fa-gen-ing], in which the king Gylfi disguises himself as Gangleri to ask the Æsir various questions.

ANSWER: Prose **Edda** [or Younger **Edda** or Snorri's **Edda**]

[10] This god is described in the Prose Edda as "the wisest of all." He was killed by the dwarves Fjalar and Galar, and his blood was mixed with honey to make the Mead of Poetry.

ANSWER: **Kvasir** [kvass-ear]

[10] This god, in his search for wisdom, stole the Mead of Poetry. In another quest to gain wisdom, he hanged himself for nine days and nine nights from Yggdrasil while piercing himself with a spear.

ANSWER: **Odin** [or **Wotan**; or **Wodanaz**] <AH> Ed. TH

2. Reacting one of these molecules with a carboxylic acid produces an ester through the Fischer esterification. For 10 points each:

[10] Identify this class of organic molecules containing a hydroxyl group bonded to a carbon.

ANSWER: **alcohols**

[10] Alcohols in which the hydroxyl is attached to a carbon atom that is itself attached to only one carbon atom are described using this term. Oxidizing this type of alcohol produces an aldehyde.

ANSWER: **primary** alcohols [or **primary** carbons]

[10] The simplest alcohol is this molecule with formula CH₃OH, sometimes called wood alcohol. In the human body, it gets oxidized to the toxic formaldehyde.

ANSWER: **methanol** [or **methyl alcohol**] Ed. GC

3. A set of "romances" named after this character includes *Twenty Years After* and *The Vicomte of Bragelonne: Ten Years Later*. For 10 points each:

[10] Name this character whose letter of introduction is stolen at the beginning of the novel in which he appears. He joins a group consisting of Athos, Porthos, and Aramis.

ANSWER: **D'Artagnan**

[10] D'Artagnan discovers a fleur-de-lis branded on this woman, who is later executed. She is the wife of Athos and is involved in Cardinal Richelieu's plot against Queen Anne.

ANSWER: **Milady** de Winter [prompt on "de Winter"]

[10] This author of *The Three Musketeers* also wrote about Edmond Dantes in *The Count of Monte Cristo*.

ANSWER: Alexandre **Dumas** <BS> Ed. JK

4. The Getty Conservation Institute led the restoration of this site, which was finished in January 2019. For 10 points each:

[10] Name this site that was discovered on an expedition funded by Lord Carnarvon. It is the most well preserved of its kind, having escaped major damage since its creation in 1323 BCE.

ANSWER: **tomb** of King **Tutankhamen** [accept **KV62**; accept similar descriptive answers]

[10] This archaeologist and Egyptologist discovered the tomb of King Tut, and spent several years cataloguing its contents.

ANSWER: Howard **Carter**

[10] King Tut's tomb was discovered in this location on the Nile's west bank. This ancient burial site is the location of 62 known tombs and was designated a UNESCO World Heritage site in 1979.

ANSWER: **Valley of the Kings** [accept **Wādī** Bibān **al-Mulūk**] <BS> Ed. GC

5. After this woman's brother drowned in the *White Ship* sinking, her claim to the throne was challenged by her cousin Stephen of Blois. For 10 points each:

[10] Name this former Holy Roman empress who was declared heir to the throne by her father Henry I.
ANSWER: Empress **Matilda** [or Empress **Maude**]

[10] The civil war between Matilda and Stephen of Blois was given this name, which refers to the period's lack of organized government. The Treaty of Wallingford ended this period by making Matilda's son heir to Stephen of Blois.

ANSWER: the **Anarchy**

[10] The reign of Matilda's son Henry II was muddled by the assassination of this archbishop of Canterbury. Four knights killed this man after Henry II asked if there was "no one to rid" him "of this meddlesome priest."

ANSWER: Thomas à **Becket** <BL> Ed. TH

6. This holiday begins on the first day of Tishrei and is the Jewish New Year. For 10 points each:

[10] Name this Jewish holiday that is followed ten days later by Yom Kippur, the day of atonement.

ANSWER: **Rosh Hashanah** [accept **Yom ha-Din**, **Yom ha-Zikaron**, or **Yom Teruah**]

[10] One ritual commonly observed on Rosh Hashanah is *tashlikh*, which involves throwing these objects into a water source, meant to represent casting sins away.

ANSWER: **bread** crumbs

[10] This ram's horn is blown many times throughout the day on Rosh Hashanah.

ANSWER: **shofar** <AH> Ed. JK

7. This quantity is equal to roughly 6.67 times ten to the negative 11. For 10 points each:

[10] Name this constant that multiplies a product of masses and is divided by distance squared to give the strength of a certain fundamental force.

ANSWER: universal **gravitational constant** [or Newton's **gravitational constant**; or **big G**; prompt on "**G**"; do not accept or prompt on "little g"]

[10] Although the law of universal gravitation was first published in Newton's *Principia*, this English physicist claimed the law was stolen from him. He also names a law that can be used to calculate the restoring force of a spring.

ANSWER: Robert **Hooke**

[10] The value for the universal gravitational constant was measured in this 1798 experiment by using a torsion balance.

ANSWER: **Cavendish** experiment <BW> Ed. GC

8. This author is the subject of an homage by John Berryman. For 10 points each:

[10] Name this writer who called her work "thou ill-formed offspring of my feeble brain" in "The Author to Her Book." She wrote about her "dear and loving" husband in another poem.

ANSWER: Anne **Bradstreet** [accept Anne **Dudley**]

[10] In a poem titled "Verses upon" this general action, Bradstreet wrote, "The world no longer let me love, my hope and treasure lies above." In a Ray Bradbury novel, Guy Montag initially performs this action with books.

ANSWER: **burning** [accept **burning** of our house or **fire**; accept equivalents]

[10] Bradstreet wrote a poetry collection titled "The Tenth Muse Lately Sprung Up in America," but this ancient Greek poet of "Ode to Aphrodite" is typically referred to as the tenth muse. Anne Carson's translations of this poet are collected in *If Not, Winter*.

ANSWER: **Sappho** <BS> Ed. JK

9. This island was wrecked by Hurricane Maria and is home to the El Yunque National Forest. For 10 points each:

[10] Name this Caribbean island governed from San Juan.

ANSWER: **Puerto Rico**

[10] Many Puerto Ricans identify as members of this indigenous people, who were largely eradicated during the Spanish conquest. This indigenous group inhabited most of Cuba and Puerto Rico.

ANSWER: **Táíno** people

[10] Both Puerto Rico and Cuba are part of this island group that also includes Jamaica and the Cayman Islands.

ANSWER: **Greater Antilles** [prompt on "Antilles" by itself; do not accept or prompt on "Lesser Antilles"] <BW> Ed. BS

10. This composer used a solo violin to depict a bird in flight in his setting of a George Meredith poem, *The Lark Ascending*. For 10 points each:

[10] Name this British composer who used the "third mode melody" of a Renaissance composer as the basis for his *Fantasia on a Theme by Thomas Tallis*.

ANSWER: Ralph **Vaughan Williams** [rayf von "williams"] [prompt on partial answers]

[10] Vaughan Williams also wrote a fantasia on this traditional English folk song. A persistent but probably incorrect rumor suggests that Henry VIII wrote it for Anne Boleyn.

ANSWER: "**Greensleeves**" [accept *Fantasia on "Greensleeves"*]

[10] Vaughan Williams's Second Symphony, whose movements evoke places like Hampstead Heath and Westminster Embankment, is titled for this city. Joseph Haydn's final twelve symphonies are titled for this city.

ANSWER: **London** [accept A *London Symphony* or the **London** symphonies] <CS> Ed. RC

11. This country experienced the *Wirtschaftswunder*, or economic miracle, during the 1950s. For 10 points each:

[10] Name this country whose first chancellor was Konrad Adenauer. It reunited with its eastern counterpart following the fall of the Berlin Wall.

ANSWER: **West Germany** [or **Federal Republic of Germany**; or **Bundesrepublik Deutschland**; prompt on "Germany" alone; prompt on "Bonn Republic"; do not accept or prompt on "East Germany"]

[10] This chancellor of West Germany promoted cooperation with East Germany through his policy of *Ostpolitik*. This man was almost replaced by Rainer Barzel in a vote of no confidence, but the motion failed by two votes.

ANSWER: Willy **Brandt** [or Herbert Ernst Karl **Frahm**]

[10] This group was later revealed to have been responsible for the failure of that vote of no confidence by bribing government officials to keep Brandt in power. Brandt's personal assistant Günter Guillaume was a part of this East German organization, causing Brandt to resign as chancellor.

ANSWER: **Stasi** [or **Ministry for State Security**; or **Ministerium für Staatssicherheit**; or **State Security Service**; or **Staatssicherheitsdienst**; or **SSD**; prompt on anything referring to the "secret service of East Germany"] <AK> Ed. TH

12. After struggling with intestinal cancer, this artist published his paper cutouts in art books like *Jazz*. For 10 points each:

[10] Name this French artist of *The Green Stripe* and *Woman with a Hat* who painted five women holding hands against a blue background in *The Dance*.

ANSWER: Henri Émile Benoît **Matisse**

[10] Works like *Woman with a Hat* prompted the coining of this term for the works of artists like Matisse and André Derain. This term was coined after a critic likened works from this movement to “Donatello among the wild beasts.”

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

[10] Gertrude Stein purchased this painting by Matisse, which shows nude figures lounging and dancing in a yellow clearing surrounded by curvy trees.

ANSWER: *The Joy of Life* [*Le Bonheur de Vivre*] <BS> Ed. TH

13. The name of these objects comes from the Latin for “carrier.” For 10 points each:

[10] Name these mathematical objects that possess both a direction and a magnitude, unlike scalars.

ANSWER: **vectors**

[10] The “cross” and “dot” forms of this operation are defined for vectors but not scalars.

ANSWER: **product** [or vector **product**; or cross **product**; or dot **product**]

[10] If the dot product of two vectors is zero, either one vector is the zero vector or the two vectors possess this property with respect to each other.

ANSWER: **orthogonality** [prompt on “perpendicularity”; prompt on “having a 90 degree angle”; prompt on “having a pi/2 angle”] <BW> Ed. GC

14. The music video for this single ends with the singers and their wives posing for a portrait. For 10 points each:

[10] Name this 2019 single. The artist declares that “we go together better than birds of a feather” and to “say the word and I’ll go anywhere blindly.”

ANSWER: “**Sucker**”

[10] “Sucker” is the first song from this boy band after its breakup in 2007. One member, Joe, was part of the band DNCE, while Nick released the solo single “Jealous.”

ANSWER: **Jonas Brothers**

[10] The Jonas Brothers were accused of plagiarizing “Sucker” from this band’s “Feel It Still,” due to the use of falsetto and a similar beat. This Alaskan band’s albums include *In the Mountain in the Cloud* and *Woodstock*.

ANSWER: **Portugal. The Man** <CS> Ed. JK

15. The protagonist of this novel has a large and sensitive nose that grants him telepathic powers, allowing him to assemble the title group for a conference. For 10 points each:

[10] Name this novel that follows Saleem Sinai, who was born at the exact moment that India became independent.

ANSWER: ***Midnight’s Children***

[10] This character, named for a Hindu god, is Saleem’s main rival. This war hero has abnormally large knees and hunts down the children of midnight so that their powers can be removed.

ANSWER: **Shiva**

[10] *Midnight’s Children* is by this author, who wrote about two characters who survive a plane hijacking in *The Satanic Verses*.

ANSWER: Ahmed Salman **Rushdie** <BL> Ed. JK

16. This man had his foster brother Adham Khan killed by throwing him off a terrace twice. For 10 points each:

[10] Name this ruler who succeeded his father, Humayun, as emperor and defeated Hemu at the Second Battle of Panipat. This ruler also abolished the *jizya* tax on non-Muslims.

ANSWER: **Akbar** the Great [or **Akbar** I; or Abu'l-Fath Jalal-ud-din Muhammad **Akbar**]

[10] Akbar was a leader of this Muslim empire in India. This empire was founded by Babur, and Aurangzeb was its last effective leader.

ANSWER: **Mughal** Empire

[10] Akbar founded this syncretic religion, which drew on both Hinduism and Islam. Aurangzeb's brother Dara Shikoh intended to reinstate this religion before being assassinated by Aurangzeb's men.

ANSWER: **Din-i-Ilahi** <AK> Ed. TH

17. This writer's pamphlet *Areopagitica* [air-ee-o-pah-JIT-ica] argues against censorship. For 10 points each:

[10] Name this poet who declared that "they also serve who only stand and wait" in his poem "When I Consider How My Light Is Spent."

ANSWER: John **Milton**

[10] This pastoral elegy by John Milton is dedicated to Edward King. The title figure of this poem "knew himself to sing, and build the lofty rhyme."

ANSWER: "**Lycidas**"

[10] Milton also wrote this epic, meant "to justify the ways of God to man." Satan declares, "Better to reign in Hell than serve in Heaven," in this work about the fall of Adam and Eve.

ANSWER: **Paradise Lost** <CS> Ed. JK

18. This singer is the subject of Herbert Breslin's book *The King and I*, which accused him of being unable to read sheet music. For 10 points each:

[10] Name this man who often performed in a group with Plácido Domingo and José Carreras. He is known as the "King of the High Cs."

ANSWER: Luciano **Pavarotti**

[10] Pavarotti was a member of a group named for this vocal range, the highest male vocal range. The most commonly used saxophones are either alto or this other category.

ANSWER: **tenor** [accept Three **Tenors**]

[10] One of Pavarotti's most celebrated performances was the aria "Una furtiva lagrima" from *L'elisir d'amore* [le-lay-sear de-more-ay] which was composed by this man, whose other operas include *Lucia di Lammermoor*.

ANSWER: Gaetano **Donizetti** <BS> Ed. TH

19. This organization organized the nationwide "Trail of Broken Treaties" protest march in 1972. For 10 points each:

[10] Name this Native American civil rights group that occupied the Bureau of Indian Affairs during the march and also occupied Wounded Knee in 1973.

ANSWER: **AIM** [or **American Indian Movement**]

[10] AIM also occupied this island in San Francisco Bay. From 1934 to 1963, this island was the site of a federal prison that was allegedly impossible to escape from.

ANSWER: **Alcatraz** Island

[10] AIM occupied Alcatraz on the claim that it belonged to Native Americans under this 1868 treaty that returned any abandoned federal lands to native people. This treaty ended Red Cloud's War and shares its name with a city that later saw the murder of Matthew Shepard.

ANSWER: Treaty of Fort **Laramie** of 1868 [or **Sioux** Treaty of 1868] <BW> Ed. TH

20. This enzyme recognizes DNA sequences that are complementary to a guide RNA. For 10 points each:
[10] Name this endonuclease enzyme central to the function of an antiviral adaptive immunity system in *Streptococcus pyogenes*.

ANSWER: Cas9 [accept CRISPR associated protein 9]

[10] The CRISPR-Cas9 system is often used in biotechnology labs to edit these nucleotide sequences, which code for proteins. These DNA sequences are converted to messenger RNA in transcription.

ANSWER: genes [or gene editing]

[10] RNA interference is a eukaryotic antiviral defense system discovered in this nematode model organism. This model organism was the first to have its genome sequenced.

ANSWER: Caenorhabditis [see-no-rah-DYE-tiss] elegans <AH> Ed. GC