

2020-2021 MOQBA Novice

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Packet 12

Tossups

1. The “Unconquered Sun” was stricken from coins by this emperor. The Council of Nicaea was hosted under this emperor, who had previously unearthed the Holy Sepulchre in Jerusalem. This emperor mandated for his soldiers to have the (*) chi-rho sign on their shields after attributing a vision of a cross reading “In this sign, conquer” to his victory over Maxentius at Milvian Bridge. For 10 points, name this Roman emperor who was the first to convert to Christianity, and who named the capital of the Byzantine Empire.

ANSWER: Constantine I [or Constantine the Great or Flavius Valerius Constantius; prompt on Constantinople] <Miscellaneous History> <Ganon Evans>/<ed. DS>

2. Henri [ahn-rey] Matisse’s 1904 painting *Luxe, Calme et Volupté* marks the transition from this movement to Fauvism. Michel Eugène Chevreul influenced the color technique of this movement. A critic of this art movement appears in Paul Signac’s *Portrait of Félix Fénéon*. In the most famous painting from this movement, a rowing team practices on the (*) Seine while a woman holds a monkey on a leash. For 10 points, name this French art movement that included Georges Seurat’s [soo-rah] *A Sunday Afternoon on the Island of La Grande Jatte*, which is made of many individual dots of color.

ANSWER: Pointillism [or Divisionism; prompt on neo-impressionism; prompt on post-impressionism; do NOT accept or prompt on “impressionism” alone] <Visual Fine Arts> <Ganon Evans>/<ed. JO>

3. This programming language’s Django framework is used for web development, while its BeautifulSoup library scrapes data from websites. Pip is a package manager for this language. Data scientists use this language’s “pandas,” “num,” and “sci” libraries. This language, which does not require the use of (*) semicolons after each statement, uses indents to denote code blocks as opposed to curly braces. For 10 points, name this easy-to-read programming language that isn’t actually named for a snake.

ANSWER: Python
<Computer Science> <Lalit Maharjan>/<ed. AK>

4. Minigames in this game include playing Simon Says on a nuclear reactor and visual tasks like emptying a garbage shoot. After players die in this game, their bodies have a single bone sticking out and may be mourned by a pet. Certain players in this game can hide in vents and trigger sabotages like emptying oxygen storage. Emergency (*) Meetings can be called in this game by hitting a red button, which may result in a player’s ejection into space. For 10 points, name this social deduction mobile game by InnerSloth in which a crew of astronauts are hunted by Imposters.

ANSWER: Among Us <Popular Culture> <Ganon Evans>/<ed. SB>

5. In this novel, the author of *The Fingers in the Glove*, Granger, makes the protagonist smell like a bobcat to protect him. Faber warns the protagonist through an earpiece not to read “Dover Beach” aloud, (*) which makes Mrs. Phelps cry. Beatty’s death leads to the release of a Mechanical Hound, which pursues Beatty’s murderer, the fireman Guy Montag. For 10 points, name this novel by Ray Bradbury whose title refers to the temperature at which paper burns.

ANSWER: Fahrenheit 451 <American Literature> <Jason Loy>/<ed. SB>

6. The golden-red-leaved tree Glasir stands just outside this place. This location contains the 540-room hall Bilskirnir [“ball-skeer-neer”] and has 540 doors, through each of which 800 men can walk side-by-side. The goat Heidrun makes mead for this place’s residents, who feast on the meat of a boar who comes back to (*) life after it is slaughtered. The roof of this place is thatched with “gold-bright” shields and has spear-shafts for rafters. An equal number of souls are taken to Folkvangr and this place by the valkyries. For 10 points, name this “hall of the slain” over which Odin presides, the home of fallen Norse warriors.

ANSWER: Valhalla <Mythology> <Jason Loy>/<ed. LW>

7. The van Deemter equation for this technique uses the height equivalent to a theoretical plate to compute the optimum mobile phase velocity, which is exceeded in a “high-performance” type of this technique. Silica or alumina can be used as stationary phases in the “thin-layer” type of this technique, in which the (*) retention factor is measured. This technique is often used in classrooms to separate the different-colored pigments in black ink. For 10 points, name this lab technique, which separates mixtures based on the speed at which they travel through a medium.

ANSWER: chromatography [or High-Performance Chromatography; or Thin-Layer Chromatography] <Chemistry> <Aadi Karthik>

8. The founder of this novel’s central town left Riohacha after killing Prudencio Aguilar and settled near a riverbank after a dream. A rainstorm lasting five years begins after the massacre of 3000 banana plantation workers in this novel. Amaranta Ursula dies after her baby is born with a pig’s (*) tail in this novel, in which Remedios the Beauty vanishes by floating up to heaven. Most men in this novel’s central family are named after Aracadio or Aureliano. For 10 points, name this magical realist novel about the Buendia family’s life in Macondo, written by Gabriel Garcia Marquez.

ANSWER: One Hundred Years of Solitude [or Cien Anos de Soledad] <European/World Literature> <Jason Loy>/<ed. JO>

9. An embargo on this commodity caused the so-called “Lancashire Famine.” The Petit Gulf hybrid of this crop dramatically increased its production, which grew after a land rush called the Alabama Fever. A 1856 speech by James Henry Hammond said that “no power on the earth dared to make war on” this good and that this good “is (*) King.” The spread of the boll weevil caused a crisis for growers of this crop. An invention of Eli Whitney sped up the processing of this crop. For 10 points, name this crop for which the invention of its namesake “gin,” a seed separator, entrenched slavery in the South.

ANSWER: cotton [or the cotton gin; or “Cotton is King”] <American History> <Jason Loy>/<ed. DS>

10. One book by this thinker, adapted from his Gifford Lecture, contains lectures with titles such as “Religion and Neurology” and “The Reality of the Unseen”, and is called *The Varieties of Religious Experience*. Another book by this thinker contrasts (*) “tender-minded” and “tough-minded” types of philosophers. That book by this thinker is subtitled *A New Name for Some Old Ways of Thinking*. For 10 points, name this American philosopher and psychologist, the author of *Pragmatism*.

ANSWER: William James <Philosophy> <William Grossman>

11. After receiving a letter from American Express, a character in one of this author's plays unleashes a "torrent of words" at Italians. That play by this author occurs in reverse chronological order to follow Emma's affair with Jerry and is called *Betrayal*. Two characters in another of this author's plays argue whether a kettle should be "turned on" or "put on" while waiting for Wilson. That play by this author is one of his "comedies of (*) menace" and follows the hitmen Ben and Gus as they receive food from the title elevator. For 10 points, name this British playwright of *The Dumb Waiter*.
ANSWER: Harold Pinter <British Literature> <Ganon Evans>/<ed. SB>/<ed. JO>

12. This text's final chapter stresses the importance of acting while renouncing the fruit of one's actions. This text is separated into eighteen chapters named for different types of *yoga*. One figure in this text states "Now I am become (*) death, destroyer of worlds" after revealing his universal form to another character. That character struggles with the morality of fighting his relatives in the Kurukshetra War, but is advised to uphold his *dharma*, or duty. For 10 points, name this subsection of the *Mahabharata*, during which Arjuna converses with his charioteer, Krishna.
ANSWER: Bhagavad Gita [prompt on Mahabharata before it is read, prompt on Gita] <Religion> <Luc Wetherbee>/<ed. LW>

13. Witold Lutoslawsky wrote a set of variations for two pianos on a piece by this composer. In one piece by this man, the solo violin plays passages of double stops marked "imitating the flute" and "imitating the horn." That piece by him is commonly called "The Hunt." A composition by this man is the subject of the most famous of Liszt's (*) *Grand Etudes* named for this man, and is the third movement of his second violin concerto, "La Campanella." Rachmaninoff wrote a "Rhapsody on a Theme of" this man. For 10 points, name this composer of 24 Caprices for solo violin, a violin virtuoso.
ANSWER: Niccolò Paganini [or *Grandes etudes de Paganini*; or *Rhapsody on a Theme of Paganini*] <Auditory FA> <Aadi Karthik>/<ed. WG>

14. Psychoprophylaxis includes a preparation for the controlled breathing during this process in a method named for Dr. Frederick Lamaze. Rhogam is administered to combat the possibility of Rh disease resulting from this process. At one and five minutes after this process ends, the APGAR test is performed. After this process, postpartum depression, sometimes called the (*) "baby blues," can occur. This process, which typically occurs after 38 weeks of pregnancy, can be performed via Cesarean section. For 10 points, name this process, in which a child leaves a mother's uterus.
ANSWER: childbirth [or delivery or labor, or equivalent] <Biology> <Vishal Kanigicherla>/<ed. AK>

15. This ruler personally interrogated Friedrich Staps after Staps tried to assassinate him at a military parade. He named his horse Marengo after winning a namesake battle. This man placed his brother Joseph on the Spanish throne, whose troops fought those of the Duke of (*) Wellington in the Peninsular War. This leader, defeated by the Seventh Coalition, was sent to St. Helena following his restoration during the Hundred Days. For 10 points, name this self-styled Emperor of the French who lost the Battle of Waterloo in 1815.
ANSWER: Napoleon Bonaparte [prompt on either separately; or Napoleon I Bonaparte] <European History> <Jason Loy>/<ed. DS>

16. A character in this novel invests in the cotton market and steals child-support money intended for his niece, and another remembers seeing his sister's muddy drawers while she climbed a tree. The Harvard student Quentin (*) commits suicide by jumping into the Charles River in this novel, resulting in Caddy naming her daughter after him. The mentally-disabled Benjy frequently remarks that Caddy smells like trees in, for 10 points, what novel by William Faulkner about the decline of the Compson family?
ANSWER: *The Sound and the Fury* <American Literature> <Sadie Britton>

17. **This city became the largest city in its state by population due to a population swell immediately following the Summer of 1889's "Great Fire." This city contains the neighborhoods of Othello, Columbia City, and Rainier Beach. The Museum of Pop Culture and the Pike (*) Place Market** are tourist attractions in this city. Companies headquartered in this city on the Puget Sound include Nordstrom, Amazon, and Starbucks. For 10 points, name this city whose landmarks include the Space Needle, the largest city in the state of Washington.

ANSWER: Seattle, Washington <Geography> <Jason Loy>/<ed. WG>

18. **The largest one of these structures in the world consists of two rainbow-colored towers, and is located in Malaysia's Genting Highlands. Another one of these structures centered around a stepped pyramid heavily influenced by Mayan architecture. That *Imperial* one of these structures was designed by Frank Lloyd Wright and was heavily damaged in 1923 during the Great (*) Kanto Earthquake.** A postmodern architect known for designing these structures often incorporated interior terraces into his massive symmetrical atria, John Portman. For 10 points, name these structures, some of which are owned by chains such as Marriott or Hilton.

ANSWER: hotels [or the Imperial Hotel] <Other Fine Arts> <Max Shatan>/<ed. JO>

19. **This quantity appears alongside diameter and density in the numerator of the Reynolds number. An increase in this quantity follows a decrease in static pressure, which partially explains how airplane wings create lift. In an incompressible fluid, this quantity times the (*) cross-sectional area is constant at all points in a flow, as illustrated when this quantity increases for water coming out of a hose when partially covering the opening.** For 10 points, name this quantity measured in meters per second that describes how fast a fluid flows.

ANSWER: fluid velocity [accept fluid speed] <Physics> <Lalit Maharjan>

20. **At a sack of this dynasty's capital, a river was said to run black with the ink of books thrown into it. A member of this dynasty sent an elephant named Abu Abbas as a gift to Charlemagne. The general Abu Muslim led a revolt named for this dynasty that overthrew the (*) Umayyad dynasty.** The House of Wisdom was constructed by this dynasty in its capital of Baghdad, which was conquered by the Mongols in 1258. For 10 points, name this Islamic dynasty, whose member Harun al-Rashid is a main character of the Thousand and One Arabian Nights.

ANSWER: Abbasid Caliphate <World History> <Doug Simons><ed. DS>

Tiebreaker. **One of this author's characters misdiagnoses a WWI veteran with "a lack of proportion" instead of PTSD. Charles Tansley claims that women can't write nor paint to Lily Briscoe in another of this author's novels. Sir William Bradshaw informs the partygoers that Septimus Smith (*) jumped out of a window in a novel by this author which ends with Peter encountering the title woman. The Ramsay family journeys to a Hebrides island in a novel by this author which pioneered stream-of-consciousness writing.** For 10 points, name this English author of *Mrs. Dalloway* and *To the Lighthouse*.

ANSWER: Virginia Woolf <British Literature> <Ganon Evans>

Bonuses

1. A poem by an author with this surname tells another he can “call me by my pet name...with the same heart.” For 10 points each:

[10] Give this surname shared by Robert and Elizabeth Barrett, the later of which answers the title question with “let me count the ways” in the poem “How Do I Love Thee?”

ANSWER: **Browning** [accept Robert **Browning**; or Elizabeth Barrett **Browning**; do NOT accept or prompt on Elizabeth Barrett Moulton]

[10] The aforementioned poems appear in an Elizabeth Barrett Browning collection named for *Sonnets from [these people]* and inspired by the poetry of Luís Vaz de Camões.

ANSWER: *Sonnets from the* **Portuguese**

[10] *Sonnets from the Portuguese* begins by recalling how this Greek author “had sung/of the sweet years.” This author’s bucolics are considered the first form of pastoral poetry.

ANSWER: **Theocritus** <British Literature> <Ganon Evans>/<ed. SB>

2. Two versions of this set of writings exist, the Palestinian and Babylonian. For 10 points each:

[10] Name this collection of commentaries on the Torah, one part of which, the Mishnah, was compiled by Judah the Patriarch.

ANSWER: **Talmud**

[10] The Torah is divided into this many books of the Old Testament, which the Christian Bible refers to as the Pentateuch.

ANSWER: **five**

[10] Rabbis of this religion teach and study the Torah and the Talmud.

ANSWER: **Judaism** <Religion> <Jason Loy>/<ed. LW>

3. There are three countries in South America whose official language is not Spanish. For 10 points each:

[10] This country hosted the 2016 Summer Olympics in its capital of Rio de Janeiro. This country’s largest city is São Paulo.

ANSWER: **Brazil** [or **Brasil**; or Federative Republic of **Brazil**; or Republica Federativa da **Brasil**; or **Vera Cruz**]

[10] This is the second largest of the three countries. Its official language is English, and it is bisected by the Essequibo River.

ANSWER: **Guyana** [or British **Guiana**; or Co-operative Republic of **Guyana**]

[10] The third and smallest of the three countries is Suriname, which has this language as its official language. This language is also spoken in Aruba, Bonaire, and Curacao.

ANSWER: **Dutch** [or **Dutch** Nederlands; or Dutch **Nederlands**; or **Flemish** Vlaams; or Flemish **Vlaams**] <Geography> <Aadi Karthik>/<ed. WG>

4. Answer the following about the Atwood machine. For 10 points each:

[10] The Atwood machine is made up of one of these simple machines, over which a massless string is connected to two weights on either end. Multiple of these simple machines make up a block and tackle.

ANSWER: **pulleys**

[10] One can use one of these diagrams to solve for the acceleration of an Atwood machine. These diagrams concisely show the forces acting upon an object as arrows pointing away from it.

ANSWER: **free body** diagrams

[10] When one of the masses on either side of the pulley is allowed to swing, for some choices of initial conditions, the system displays this property, characterized by extreme sensitivity to initial conditions.

ANSWER: **chaos** [accept word forms like **chaotic** motion] <Physics> <Aadi Karthik>

5. John Altgeld pardoned Oscar Neebe, Michael Schwab, and Samuel Fielden for their roles in this event. For 10 points each:

[10] Name this 1886 disturbance in which eleven people were killed during a labor rally at the McCormick Harvesting Machine Company plant.

ANSWER: **Haymarket** Square **Riot** [or **Haymarket** Square **Affair**].

[10] The Haymarket Square Riot took place in this midwestern city. This city's mayor at the time, Carter Harrison, left the rally early because of its calm.

ANSWER: **Chicago**, Illinois _

[10] The primary policy goal of the Haymarket Rally was to reduce the legal workday for factory workers to this number of hours.

ANSWER: **eight** [or the **eight**-hour workday] <American History> <Jason Loy>/<ed. DS>

6. In 1873, Charles Hermite proved that e had this property, and Ferdinand Lindemann showed that π had this property in 1882. For 10 points each:

[10] Name this property contrasted with being algebraic. Numbers with this property are not the solutions to any polynomial with integer coefficients.

ANSWER: being **transcendental** [accept word forms]

[10] In 1979, Hardy and Wright proved that the natural logarithm of this number is transcendental. All conic sections can be described by equations with this degree.

ANSWER: **2**

[10] The first number to be proved transcendental was Liouville's constant, which contains a one in its decimal expansion at all the numbers output by this function. This function is denoted with an exclamation point and represents the product of the first n numbers.

ANSWER: **factorial** <Math> <Aadi Karthik>/<ed. CT>

7. British possessions in Asia were referred to as "East of" this structure. For 10 points each:

[10] Name this waterway that connected the Mediterranean and Red Sea when it was completed in 1869.

ANSWER: **Suez Canal**

[10] The Suez Canal was built in this country with the permission of its ruler Sa'id, the Khedive. British troops occupied this country and the canal following an 1882 war.

ANSWER: **Egypt**

[10] During the 1956 Suez Crisis, British, French, and Israeli troops tried to seize control of the canal after this Egyptian president tried to nationalize it. This Pan-Arabist leader also ordered the construction of the Aswan High Dam to help electrify Egypt.

ANSWER: Gamal Abdel **Nasser**

<Miscellaneous History> <Doug Simons>/<ed. DS>

8. Answer some questions about composers of musical works about war. For 10 points each:

[10] This Russian composer wrote the *1812 Overture*, celebrating the Russian victory at the Battle of Borodino. He is also known for the ballet *Swan Lake*.

ANSWER: Pyotr Ilyich **Tchaikovsky**

[10] This English composer of *Fantasia on the Dargason* included the movement "Mars, the Bringer of War" in his suite *The Planets*.

ANSWER: Gustav **Holst** [or Gustav Theodore von **Holst**]

[10] This anti-war work by Benjamin Britten features poems by Wilfred Owen and the Latin *Missa pro Defunctis*. It was commissioned for the grand opening of the rebuilt Coventry Cathedral.

ANSWER: **War Requiem** <Auditory FA> <Aadi Karthik>/<ed. WG>

9. The protagonist of this book has a dream of lions playing on a beach, and relies on Manolin for the latest news on his favorite baseball player, Joe DiMaggio. For 10 points each:

[10] Name this novella about Santiago's pursuit and subsequent loss of a giant marlin to sharks.

ANSWER: The Old Man and the Sea

[10] This author of "The Snows of Kilimanjaro" and *A Farewell to Arms* wrote *The Old Man and the Sea*.

ANSWER: Ernest Hemingway

[10] This other Hemingway novel follows the dynamiter Robert Jordan during the Spanish Civil War. This novel draws on Hemingway's experience as a reporter based in Spain during the war.

ANSWER: For Whom the Bell Tolls <American Literature> <Jason Loy>/<ed. SB>

10. After 28 million people watched this event live, its performing artist's collaboration "The Scotts" with Kid Cudi debuted at *No. 1* on Billboard. For 10 points each:

[10] Name this largest virtual concert of all time, during which an artist performed "SICKO MODE" and "goosebumps" to an audience of Battle Royale contenders.

ANSWER: Travis Scott's Fortnite concert [both parts needed; accept either underlined for Travis Scott; accept the Astronomical concert; accept answers indicating Travis Scott having a concern or performing on Fortnite; prompt on Fortnite concert alone with "Who was performing?;" prompt on a Travis Scott concert with "On what platform was he performing?;" prompt on a video game concert with "What game?"]

[10] "SICKO MODE" appears on this 2018 Travis Scott album named after an abandoned Houston amusement park. Stevie Wonder provided a harmonica solo for the track "STOP TRYING TO BE GOD" on this album.

ANSWER: Astroworld

[10] During the Fortnite concert, Travis performed "goosebumps" without its normal feature from this artist. Travis raps "runnin' through these waves like I'm Moses" on "Big Shot," which was a song featured on this artist's album for *Black Panther*.

ANSWER: Kendrick Lamar Duckworth [accept either underlined; accept K-Dot or King Kendrick] <Popular Culture> <Ganon Evans>/<ed. SB>

11. Olivier Mesley argued that a rabbit in the lower right of this painting symbolizes a fear of modern technology. For 10 points each:

[10] Name this painting of a Great Western Railway train thundering across the Maidenhead Railway Bridge and towards the viewer.

ANSWER: Rain, Steam, and Speed - *The Great Western Railway*

[10] This artist of *Rain, Steam, and Speed* depicted the title decommissioned ship being driven towards a sunset in his *The Fighting Temeraire*.

ANSWER: J.M.W. Turner [or Joseph Mallord William Turner; or William Turner]

[10] The Tate Modern in this country awards the Turner Prize to eminent visual artists in this country. Damian Hirst, an artist from this country, won the 1995 Turner Prize.

ANSWER: United Kingdom [or the United Kingdom of Great Britain and Northern Ireland; or the UK; or Great Britain, prompt on England, Scotland, Wales, or Northern Ireland alone] <Visual Fine Arts> <Ganon Evans>/<ed. JO>

12. The protagonist of this novel meets his lover when he finds her father drunk in the street outside their home. For 10 points each:

[10] Name this novel, in which the prostitute Sonya convinces Raskolnikov to turn himself in for the murder of the pawnbroker Alyona Ivanovna and her sister.

ANSWER: **Crime and Punishment**

[10] This author of *The Brothers Karamazov* and *The Idiot* also wrote *Crime and Punishment*. His novel *The Possessed* was based on the murder of prominent nihilist Ivan Ivanov.

ANSWER: Fyodor **Dostoyevsky**

[10] After Raskolnikov confesses, he is sentenced to eight years' hard labor in this remote region.

Dostoyevsky was exiled to this region for four years for discussing books that were critical of the Tsar.

ANSWER: **Siberia** [or **Sibir**] <European/World Literature> <Jason Loy>/<ed. JO>

13. These beings live near the well Urdarbunnr beneath Yggdrasil ["eeg-drah-sil"]. For 10 points each:

[10] Name these three beings that control the destiny of humans and the gods in Norse mythology. Their names are most often given as Urd, Verdandi, and Skuld.

ANSWER: **Norns**

[10] The Norns are similar to this group of three Greek deities: Clotho, the spinner of the thread of life; Lachesis, the measurer of the thread; and Atropos, who cut the thread.

ANSWER: **Fates** [or **Moirai**; prompt on **Parcae**]

[10] Another collective of Greek goddesses is this group of nine daughters of Zeus and Mnemosyne who serve as inspirations for the arts.

ANSWER: **Muses** <Mythology> <Jason Loy>/<ed. LW>

14. Sure, 1492 is a cool year. But what do you know about 1493? For 10 points each:

[10] In 1493, this man began his second voyage to the Americas. The previous year, he had landed in the Bahamas and become the first Spanish explorer to reach the Americas.

ANSWER: Christopher **Columbus**

[10] 1493 also featured Askia Muhammad usurping Sonni Baru to become leader of this empire. He would later enact many political and religious reforms within this empire, though it wouldn't reach the extent it did under Sonni Ali.

ANSWER: **Songhai** Empire

[10] In 1493, Pope Alexander VI issued the papal bull *Inter Caetera*, which was a precursor to this treaty. This treaty gave the Spanish all land west of a certain line, and the Portuguese all land to the east, that wasn't already governed by a Christian ruler.

ANSWER: Treaty of **Tordesillas** <World History> <Jason Loy>/<ed. DS>

15. Answer the following about the Lindlar catalyst. For 10 points each:

[10] The Lindlar catalyst catalyzes reactions of this type, in which the namesake element is added to a multiple bond. Reactions of this type can be used to convert unsaturated fats into saturated fats.

ANSWER: **hydrogenation** reactions

[10] Unlike pure palladium catalysts, the Lindlar catalysts can hydrogenate alkynes into these molecules with carbon-carbon double bonds, rather than reducing to alkanes.

ANSWER: **alkenes** [or **olefins**]

[10] The Lindlar catalyst can perform this selective hydrogenation because it is poisoned with this heavy metal to reduce its effectiveness. This metal with symbol Pb was used as a fuel additive until its impact on the nervous system was discovered.

ANSWER: **lead** [prompt on **Pb**] <Chemistry> <Aadi Karthik>

16. Marcus Agrippa's use of the harpax easily overwhelmed the unwieldy quinqueremes used by the other side in this battle. For 10 points each:

[10] Name this 31 BCE naval battle won by Octavian's forces that essentially ended the Roman Republic.

ANSWER: Battle of **Actium**

[10] After his victory at Actium and the subsequent taking of Alexandria, Octavian took this title and became the first Roman emperor.

ANSWER: **Augustus** Caesar [or Gaius Julius Caesar **Octavianus**; or Gaius **Octavius**]

[10] With Cleopatra, this triumvir commanded the losing army at Actium. This man killed himself thinking that Cleopatra was dead, which led to her suicide.

ANSWER: **Marc Antony** [or **Mark Antony**; or **Marcus Antonius**] <European History> <Jason Loy>/<ed. DS>

17. After the end of the 2020 State of the Union, this politician ripped up a copy of President Trump's speech. For 10 points each:

[10] Name this Democratic congresswoman, who currently serves as the Speaker of the House of Representatives.

ANSWER: Nancy Patricia **Pelosi**

[10] Pelosi is a congresswoman from this state. This state's senior senator Dianne Feinstein formerly served as mayor of its city of San Francisco.

ANSWER: **California**

[10] Another former mayor of San Francisco is this current governor of California, who defeated John Cox in the 2018 gubernatorial election.

ANSWER: Gavin Christopher **Newsom** <Current Events> <Arjun Nageswaran>/<ed. SB>

18. Two characters compare this action to throwing six monkeys into the air and watching them land on their tails. For 10 points each:

[10] Name this action which occurs 92 times with the same result at the beginning of a Tom Stoppard play. Two characters forget about this action while discussing what they've forgotten while remembering a messenger.

ANSWER: **flipping a coin** [accept specific descriptions such as **flipping a coin** and getting heads; prompt on answers such as a **game of chance** that do indicate specifically **flipping** or **tossing a coin**]

[10] The title characters of this Tom Stoppard play question getting heads after every coin flip before boarding a ship to England and being sentenced to execution after a false letter arrives.

ANSWER: **Rosencrantz and Guildenstern Are Dead**

[10] Rosencrantz and Guildenstern are originally two characters from this Shakespeare tragedy in which the title Prince of Denmark murders Claudius after his lover Ophelia drowns herself.

ANSWER: **Hamlet** <British Literature> <Ganon Evans>/<ed. SB>

19. A distinction between "institutions" and "technology" associated with this economist is known as his namesake "dichotomy." For 10 points each:

[10] Name this Norwegian-American economist and sociologist, the founder of institutional economics.

ANSWER: Thorstein **Veblen** [or Thorstein Bunde **Veblen**]

[10] Veblen is perhaps best known for a book titled the *The Theory of the class* described by this adjective. This word describes the activity that workers spend less time on when they work more.

ANSWER: **leisure** [or *The Theory of the Leisure Class*]

[10] Veblen is also known for defining the "conspicuous" type of this behavior, which is generally defined to be the use of a resource.

ANSWER: **consumption** [or "conspicuous **consumption**"] <Social Science> <William Grossman>

20. The drug artemisinin, extracted from the sweet wormwood tree, is now commonly used as a first-line treatment for this disease. For 10 points each:

[10] Name this disease. It is caused by parasitic protozoa in the genus *Plasmodium*, but is spread through the bites of Anopheles mosquitoes.

ANSWER: **malaria**

[10] Malaria was first treated with this compound, which is extracted from the bark of the cinchona tree. This compound has now been mostly replaced by artemisinin due to its significant side effects.

ANSWER: **quinine**

[10] Having one copy of the gene for this genetic disease confers resistance to malaria. This disease is caused by a point mutation replacing glutamate with valine.

ANSWER: **sickle-cell** anemia [or **sickle-cell** disease] <Biology> <Aadi Karthik>