

2020-2021 MOQBA Novice

Edited by Jacob O'Rourke, Sadie Britton, William Grossman, Aadi Karthik, Doug Simons,  
Conor Thompson and Luc Wetherbee

Written by the Editors, William Bordowitz, Stefan Calin, Vasa Clarke, Bo Chi, Ganon  
Evans, Vishal Kanigicherla, Jason Loy, Lalit Maharjan, Arjun Nageswaran, Cooper Roh,  
Max Ryle and Max Shatan

Packet 9

Tossups

1. Jan ["YAHN"] Palach self-immolated in this city to protest the presence of Soviet tanks in this city following a Warsaw Pact invasion. The death of Jan Masaryk under suspicious circumstances following a 1948 communist coup ["koo"] led it to be called this city's "Third Defenestration." Alexander Dubcek tried to implement "socialism with a (\*) human face" through liberalizing reforms in a period known as this city's "Spring." For 10 points, name this European city, the capital of Czechia. ANSWER: Prague [or Praha or Praga; or the Prague Spring until "Spring" is read] <European History> <Doug Simons>/<ed. DS>

2. This man closely followed the views of his mentor, Frances Hutcheson, while writing *The Theory of Moral Sentiments*. That book by this man provided much of the foundation for his later work, including his anti-mercantilism philosophy, which David Ricardo employed as part of his theory of comparative advantage. This man demonstrated the (\*) division of labor through an example of a pin factory in his most well-known book. For 10 points, name this Scottish economist and author of *The Wealth of Nations*. ANSWER: Adam Smith <Social Science> <William Grossman>

3. In a poem *about* this author, the speaker compares himself to "stout Cortez with eagle eyes...upon a peak in Darien." In a book inspired by this author, an antisemitic man known as "the Citizen" throws a biscuit tin in Barney Kiernan's pub in a chapter titled "Cyclops." This author appears "deep brow'd" in a poem praising George Chapman's translation of this author (\*) by John Keats. Molly Bloom announces "yes I said yes I Will yes" to Leopold Bloom in a book inspired by this author. For 10 points, James Joyce's *Ulysses* is a retelling of what Greek author's epic poem *The Odyssey*? ANSWER: Homer [or Homeros] <British Literature> <Ganon Evans>/<ed. SB>

4. In a Zoroastrian funeral, one of these animals must be brought to inspect the dead body. Eastern Orthodox depictions of Saint Christopher often show him with the head of this animal. A hadith describes a man who was blessed for bringing water to a thirsty one of these animals, even though these animals are considered ritually unclean in Islam. After her death by defenestration, (\*) Jezebel's flesh was eaten by these animals. The Book of Proverbs describes fools returning to folly just like these animals return to their own vomit. For 10 points, identify these animals sometimes described as "man's best friend." ANSWER: dogs <Religion> <Vasa Clarke>/<ed. LW>

5. A technique using these devices utilizes the Doppler effect to cool atoms to temperatures near absolute zero. Optical tweezers use these devices to manipulate microscopic particles. Optical pumping transfers energy into the gain medium of one of these devices to create a state in which more atoms exist in higher energy states than lower ones, called (\*) population inversion. These devices use stimulated emission to output collimated, coherent light. For 10 points, name these devices, examples of which include namesake "sights" and "pointers." ANSWER: lasers [prompt on masers] <Physics> <Aadi Karthik>

6. **One type of these organisms, due to its transparent embryos, is a common model organism in developmental biology. Many of these organisms have an operculum to protect a certain tissue. The superclass Agnatha includes some of these organisms that are “jawless,” like lampreys, and these organisms can be classified as “bony” or “cartilaginous.”** The (\*) three-spined stickleback is one of these animals that is used as a model organism, and many of these organisms have swim bladders. For 10 points, name these marine organisms with gills, examples of which include rays and sharks.

ANSWER: fish [or any type of fish before mentioned, such as sharks] <Biology> <Aadi Karthik>

7. **The Northern Securities Company was an attempt to form a trust in this industry. A strike that catapulted Eugene V. Debs to national attention, started by workers in this industry’s Pullman company, was broken up by federal troops sent by Grover Cleveland. A “golden (\*) spike” was installed by two companies in this industry to connect two of its routes at Promontory Point, Utah.** For 10 points, name this industry which included the Central Pacific, the Union Pacific, and Baltimore and Ohio companies.

ANSWER: railroad industry <American History> <Doug Simons>/<ed. DS>

8. **This city contains the Sarcophagus of the Spouses, one of its best known pre-Classical works, in its National Etruscan Museum. This city’s Palazzo Spada contains a 9 meter long colonnade that is much shorter than it appears, created by Borromini. This city’s Piazza Navona contains the Fountain of the Four (\*) Rivers.** An enclave inside this city contains *The School of Athens* and *The Last Judgment*. For 10 points, name this city in which Michelangelo painted the ceiling of the Sistine Chapel, which is inside St. Peter’s Basilica.

ANSWER: Rome [or Roma] <Visual Fine Arts> <Jason Loy>/<ed. JO>

9. **This novel opens with the squawking of a French-speaking parrot interrupting Leonce as he reads a newspaper, and Mademoiselle Reisz’s [“rise”] piano-playing later moves the protagonist of this novel to tears. That character in this novel later moves into the “pigeon (\*) house” while carrying on affairs with Alcee Arobin and Robert Lebrun while her husband is in New York. Edna Pontellier [“pon-TELL-ee-YAY”] drowns herself in the Gulf of Mexico at the end of, for 10 points, what 19th-century feminist novel by Kate Chopin?**

ANSWER: *The Awakening* <American Literature> <Sadie Britton>

10. **In the 1920s, significant grape farming took place on the slopes of this state’s Sugarloaf Mountain, which sits on the western shore of Lake Apopka. This state’s highest natural point is Britton Hill, the lowest high point in any U.S. State. This state’s Osceola County is home to a master planned community that was originally developed by The Walt (\*) Disney Company.** That community is called Celebration. This state’s second most populous city sits on a plain between Biscayne Bay and the Everglades. For 10 points, name this state home to cities such as Orlando and Miami.

ANSWER: Florida <Geography> <William Grossman>

11. **Cyrus Smith leads a group of escaped prisoners of war and domesticates an orangutan named Jupiter in this author’s *The Mysterious Island*. In one of this author’s novels, the protagonist’s valet Passepartout saves Aouda from being burned alive and barely meets his timeline to a win a bet concerning the title (\*) journey.** In another work, Pierre Arronax and Ned Land hunt giant squid aboard the *Nautilus*. For 10 points, name this French author who wrote about Phileas Fogg in *Around the World in Eighty Days* and Captain Nemo in *Twenty Thousand Leagues Under the Sea*.

ANSWER: Jules Verne <European/World Literature> <Jason Loy>/<ed. JO>

12. **This country hosted the conference that created the Non-Aligned Movement in its city of Bandung. A leader of this country launched a purge of communists after a coup by the 30th of September movement failed to overthrow him and attempted to implement “guided democracy” in this country. That leader was (\*) Sukarno. This country’s capital was known as Batavia when it was colonized by the Dutch. For 10 points, name this island nation that has the largest Muslim population in the world, with capital Jakarta.**

ANSWER: Republic of Indonesia <World History> <Doug Simons><ed. DS>

13. **A famous athlete with this surname was famously knocked completely out of the ring by Wanderlei [“Vander-lay”] Silva, but later avenged that loss at UFC 92. Another athlete with this surname won American League pennants with the Athletics, Yankees, and Angels, and earned his nickname after an outstanding performance in the 1979 (\*) World Series. Another athlete with this surname is still the only athlete to be elected to both an MLB All-Star Game and a Pro Bowl. For 10 points, name this surname shared by the likes of Rampage, Reggie, and Bo.**

ANSWER: Jackson [or Rampage Jackson; or Reggie Jackson; or Bo Jackson] <Popular Culture> <Max Ryle>/<ed. SB>

14. **The pigment ochre contains particles of a compound containing this metal. Compounds of this transition metal are characteristic of Precambrian banded rock formations. The disulfide of this element, referred to as its pyrite, is more commonly known as (\*) fool’s gold. In one oxide of this element, cations of this element have an oxidation number of 8/3; that ore is sometimes called lodestone. Magnetite and hematite are ores of this transition metal with atomic number 26. For 10 points, name this element with chemical symbol Fe, whose oxide is commonly known as rust.**

ANSWER: iron <Earth Science> <Jason Loy>/<ed. AK>

15. **Carl Nielsen’s third work of this type is named *Espansiva*. Camille Saint-Saens wrote three of these works, including one named for the organ. Many Classical period examples of these had their fast first movements written in sonata form. Mozart’s last one of these works is his No. 41, and was known as the (\*) *Jupiter*. Mahler wrote one of these works that required so many performers that it was often called one of these works *of A Thousand*. For 10 points, name these large-scale works for orchestra that included Berlioz’ *Fantastique* and Dvorak’s *From The New World*.**

ANSWER: Symphonies [or a symphony; or Sinfonia] <Auditory FA> <Aadi Karthik>/<ed. WG>

16. **The leader of the lower house of this country’s legislature was photographed controversially lying down across several seats. Home Secretary Priti Patel attacked protestors in this non-American country for toppling a statue of Edward Colston. In 2020, Keir Starmer won an election to lead this country’s (\*) Labour Party. This country’s Prime Minister has repeatedly asserted that he has no plans to defund the NHS and pushed for this country to leave the European Union. For 10 points, name this country led by Boris Johnson from London.**

ANSWER: United Kingdom of Great Britain and Northern Ireland [or the UK; or Great Britain; prompt on England, Northern Ireland, Wales, or Scotland] <Current Events> <Arjun Nageswaran>/<ed. SB>

17. **The net electrical charge contained within the region bounded by the slipping plane in these substances causes the zeta potential. Aggregation of destabilized particles in these substances occurs during flocculation. A beam of light traces a path through one of these substances in the Tyndall effect. Sols, emulsions, and (\*) aerosols are types of these substances. Particles in these substances are larger than those in solutions, but smaller than those in suspensions. For 10 points, name these substances in which one substance is dispersed throughout another.**

ANSWER: colloids [accept gels] <Chemistry> <Stefan Calin>/<ed. AK>

18. This poet wrote of a tide “which drew from out the boundless deep” and was “bourne of Time and Place” in a poem which ends “I hope to see my Pilot face to face.” This poet ended an elegy by claiming “ ‘tis better to have loved and lost than never to have loved at all.” That elegy by this poet was written “In Memoriam” for Arthur Henry (\*) Hallam. A group who knows “not to make reply” but “to do and die” rides into the “valley of Death” in another poem by this author. For 10 points, name this British poet who praised “the six hundred” in “The Charge of the Light Brigade.”

ANSWER: Alfred, Lord Tennyson [or Alfred Tennyson; accept 1st Lord Tennyson] <British Literature> <Ganon Evans>/<ed. SB>

19. Three of these objects owned by King Cormac mac Airt produced music that put sick and wounded people to sleep. Hippomenes purposefully dropped three of these objects during a race against Atalanta. The hundred-headed, never-sleeping dragon Ladon was said to guard some of these objects. Heracles tricked (\*) Atlas into taking the world off his shoulders so he could escape with these objects to complete his eleventh labor. For 10 points, name this distinctively colored fruit owned by the Hesperides.

ANSWER: golden apples [prompt on a partial answer] <Mythology> <Jason Loy>/<ed. LW>

20. Ea-Nasir was criticized for producing samples of this substance which were “not of good quality” in a tablet believed to be the world’s oldest written complaint. Native Americans in Michigan’s Upper Peninsula mined this metal in the pre-Columbian era. The Latin word for this metal was derived from the name of Cyprus, from which much of it was mined. An (\*) “age” named for this metal in archaeology predates one named for an alloy of this metal and tin. The primary component of bronze is, for 10 points, what reddish metal used to construct the Statue of Liberty?

ANSWER: copper [or cuprum] <Miscellaneous History> <Conor Thompson>/<ed. DS>

Tiebreaker. This painting was the inspiration for Henri Dutilleux’s [“ahn-ree doo-ty-yoo”] violin-less orchestral piece *Timbre, Space, Movement*. A cypress tree representing sorrow dominates this painting’s foreground. This painting is primarily a view outside the artist’s window in (\*) Saint-Remy’s St. Paul Asylum, although the church steeple is based on one in his native Netherlands. Dark blues comprise both the hills in the background of this painting and its iconic swirling sky. For 10 points, name this painting by Vincent van Gogh.

ANSWER: *The Starry Night* <Visual Fine Arts> <Jason Loy>/<ed. JO>

## Bonuses

1. Tin is the only element with a double-digit number of stable ones of these entities, and an element's atomic mass is calculated by taking a weighted average of these entities. For 10 points each:

[10] Name these atoms with the same atomic number, but a different number of neutrons.

ANSWER: **isotopes**

[10] Deuterium, a component of heavy water, is an isotope of this element, whose heaviest stable isotope is tritium.

ANSWER: **hydrogen** [prompt on H]

[10] In a kinetic isotope effect, used to determine reaction mechanisms, this quantity changes when deuterium is substituted for hydrogen in a molecule. This quantity can be calculated with the Arrhenius equation.

ANSWER: reaction **rate** constant [prompt on k] <Chemistry> <Jason Loy>/<ed. AK>

2. This landmark and Kata Tjuta collectively comprise “the Olgas” and are the namesakes of a national park. For 10 points each:

[10] Name this sandstone formation about 200 miles southwest of Alice Springs. This landform was formerly named Ayers Rock.

ANSWER: **Uluru** [or **Ayers Rock** until it is read]

[10] Uluru is located in this country's Northern Territory. This country's cities include Canberra and Melbourne.

ANSWER: **Australia**

[10] To the east of the Northern Territory is this Australian state, the homeland of the Torres Strait Islanders. Brisbane is the largest city in this second-largest state by area, after Western Australia.

ANSWER: **Queensland** <Geography> <Jason Loy>/<ed. WG>

3. The Whitman Massacre, in which the Cayuse murdered Marcus Whitman for failing to stop the spread of malaria, occurred in this political region. For 10 points each:

[10] Name this then-unorganized US possession in the Pacific Northwest, part of which became a namesake state in 1859. Expanding this territory was one of James Polk's signature campaign issues.

ANSWER: **Oregon** Territory

[10] Polk agreed with this nation to set the boundary of the Oregon Territory at 49 degrees North latitude. This country's portion of the Oregon Territory was incorporated into their possession of Canada.

ANSWER: **United Kingdom** of Great Britain and Northern Ireland [or Great **Britain**; do NOT accept or prompt on “England”]

[10] James Polk used this campaign slogan to appeal to voters who wanted to take the entirety of the Oregon Territory to extend the American border to this namesake latitude.

ANSWER: **“Fifty-four forty or fight!”** <American History> <Jason Loy>/<ed. DS>

4. After being taken outside to see the sunset, one of the antagonists of this film demands to be buried “in the ocean...” since some of his ancestors “knew death was better than bondage.” For 10 points each:

[10] Name this 2018 MCU film, which stars Michael B. Jordan as Erik Killmonger, who challenges his cousin T'Challa for the throne of Wakanda.

ANSWER: **Black Panther**

[10] This actor, who died from colon cancer in August 2020, played T'Challa in the MCU. This actor's big break came from playing Jackie Robinson in *42*.

ANSWER: Chadwick **Boseman** [or Chadwick Aaron **Boseman**]

[10] This director, who has worked with Michael B. Jordan in all of his feature films, directed *Black Panther*.

ANSWER: Ryan **Coogler** [or Ryan Kyle **Coogler**] <Popular Culture> <Jacob O'Rourke>

5. Siegfried Sassoon wrote *Finished With the War: A Soldier's Declaration* during this conflict, for which he was sent to a mental hospital. For 10 points each:

[10] Name this war, which is the setting for a novel in which German soldier Paul Baumer kills French soldier Gerard Duval as he jumps in Paul's trench.

ANSWER: **World War I** [or the **First World War**; or the **Great War**]

[10] Paul Baumer kills Gerard Duval in this anti-war novel by Erich Maria Remarque, whose title is the text of the army report on the day that Paul is killed.

ANSWER: ***All Quiet on the Western Front*** [or ***Im Westen nichts Neues***]

[10] Boris Pasternak wrote about Yuri Zhivago, a member of this profession who is conscripted into the Russian Army during World War I.

ANSWER: **doctor** [or a **physician**; or ***Doctor Zhivago***] <European/World Literature> <Jason Loy>/<ed. JO>

6. This deity is known for confrontations with lettuce and a boat race to avenge the death of his father, Osiris. For 10 points each:

[10] Name this falcon-headed god and the son of Isis who, for a long time, was locked in a feud with Set.

ANSWER: **Horus**

[10] After losing his left eye in a battle with Set, Horus had it restored by a god of this domain, forming the wadjet. Another deity of domain gambled for the last five days of the year with Nut, the goddess of the sky.

ANSWER: the **moon**

[10] In addition to their role as guardians of canopic jars, the four sons of Horus symbolized these things. These things were also represented by the four pillars of Shu, which supported the world.

ANSWER: **cardinal directions** [or **north, south, east** and **west**; order does not matter] <Vishal Kanigicherla> <Mythology>/<ed. LW>

7. The stray form of this quantity can lead to parasitic oscillations in amplifiers. For 10 points each:

[10] Name this quantity. This quantity, measured in farads, describes its namesake circuit component's ability to store electric charge.

ANSWER: **capacitance** [accept **capacitors**]

[10] Capacitance can easily be computed as charge divided by this quantity. This quantity is the difference in electric potential between two points in a circuit.

ANSWER: **voltage** [prompt on electric **potential** or scalar **potential**]

[10] Capacitance can be increased by inserting one of these objects between two parallel plates. These objects are insulators that can be polarized by an electric field.

ANSWER: **dielectrics** [or **dielectric** materials] <Physics><Aadi Karthik>

8. Don Parritt jumps to his death in this play after confessing to Larry that he turned in his own mother to the police. For 10 points each:

[10] Name this play in which Hickey returns to Harry Hope's saloon and confesses that he killed his wife Evelyn, pleading with the patrons to abandon their "pipe dreams" before realizing that he has gone insane.

ANSWER: ***The Iceman Cometh***

[10] This author of *The Iceman Cometh* used his own family as the basis for the Tyrones in his play *Long Day's Journey Into Night*. This playwright won four Pulitzer Prizes for Drama.

ANSWER: Eugene **O'Neill**

[10] *Mourning Becomes Electra*, O'Neill's adaptation of the *Oresteia*, is set after Ezra Mannon returns from fighting in this war. Margaret Mitchell set her novel *Gone With the Wind* during this war.

ANSWER: American **Civil War** <American Literature> <Jason Loy>/<ed. SB>

9. A president of this country was opposed with the slogan “No re-election” after he told American journalist James Creelman he would step down before the next election. For 10 points each:

[10] Name this country where figures like Emilio Zapata and Francisco Maduro led a revolution that lasted throughout the 1910s.

ANSWER: **Mexico** [or **Estados Unidos Mexicanos**; or **United Mexican States**]

[10] The Mexican Revolution began when the Plan of San Luis Potosí was made to overthrow this man, a seven-term president of Mexico whose opponents claimed was beholden to American business interests.

ANSWER: Porfirio **Díaz**

[10] During the Revolution, this rebel leader commanded the Division del Norte. He is best known in the U.S for the 1916 raid he launched on Columbus, New Mexico to try to draw the U.S into the conflict.

ANSWER: Pancho **Villa** [or Francisco **Villa**; or Doroteo **Arango**] <World History><Doug Simons><ed. DS>

10. One work by this composer is known for its 22-bar “invasion theme” played on snare drum. For 10 points each:

[10] Name this composer of the “Leningrad” symphony. His opera *Lady Macbeth of the Mtsensk District* was criticized in a 1936 *Pravda* editorial.

ANSWER: Dmitri Dmitriyevich **Shostakovich**

[10] The 1936 editorial “Muddle Instead of Music” was long speculated to have been produced by this “Man of Steel,” who was the Soviet General Secretary of the Communist Party at the time.

ANSWER: Joseph Vissarionovich **Stalin** [or Ioseb Besarionis dze **Jughashvili**; or Iosif Vissarionovich **Dzhugashvili**]

[10] After being criticized in *Pravda*, Shostakovich rebuilt his reputation with this symphony in D minor, called a “creative response to justified criticism.”

ANSWER: Shostakovich Symphony No. **5** in D minor [or Shostakovich’s **Fifth** Symphony in D Minor] <Auditory FA> <William Grossman>

11. The Lex Titia officially installed one of these groups in 43 BCE. For 10 points each:

[10] Name these groups of three coequal Roman leaders, the second of which was comprised of Octavian, Marcus Lepidus, and Marc Antony.

ANSWER: **triumvirate**

[10] After the death of Marcus Lepidus, the alliances of the Second Triumvirate were broken at the Battle of Actium, in which Octavian defeated the forces of Marc Antony and this Egyptian queen, his lover.

ANSWER: **Cleopatra**

[10] The First Triumvirate dissolved after the death of this “richest man in Rome” during a campaign against the Parthian Empire. Pompey and Julius Caesar went to war after his death.

ANSWER: Marcus **Crassus** <Miscellaneous History> <Jason Loy>/<ed. DS>

12. This bandleader famously participated in a battle of the bands with the Chick Webb Orchestra at the Savoy Ballroom in 1937. For 10 points each:

[10] Name this Jewish clarinetist and composer, who featured Gene Krupa on a lengthy drum solo to open his famous recording of “Sing, Sing, Sing.”

ANSWER: Benny **Goodman**

[10] Goodman was rhyminly known as the “King” of this jazz subgenre, which dominated popular music during its “era” in the 1930s.

ANSWER: **swing** music [or the King of **Swing**]

[10] One of Goodman’s sidemen, Charlie Christian, was the first person to use this instrument’s amplified variant for jazz. Other players of this instrument in the jazz idiom include Wes Montgomery and Joe Pass.

ANSWER: electric **guitar** <Other Fine Arts> <Max Shatan>/<ed. JO>

13. In application of the Central Limit Theorem, a general rule is to have this value be at least thirty to ensure a normal distribution of data. For 10 points each:

[10] Name this value. A small value of this can lead to Type II errors, and the Law of Large Numbers demonstrates that increasing this will make results closer to the expected value.

ANSWER: sample **size**

[10] Sampling described by this adjective gives any individual an equal probability to be chosen from a larger population. A roll of a fair dice has this sort of outcome, a one in six chance for each value.

ANSWER: **random**

[10] Cochran's formula is used to find sample size with this value for a 95% confidence interval squared in the numerator. This value indicates how many standard deviations a data point is from the mean.

ANSWER: **Z-score**

<Math><Vishal Kanigicherla>/<ed. CT>

14. Answer the following about the Renaissance painter Artemisia Gentileschi. For 10 points each:

[10] Gentileschi depicted herself beheading her rapist Agostino Tassi in her version of this biblical scene. Caravaggio's version of this scene also includes an old woman watching blood splatter on a pillow.

ANSWER: **Judith Beheading Holofernes** [or **Judith Slaying Holofernes**; or descriptions mentioning **Judith killing Holofernes** or **Judith with the head of Holofernes**; prompt on just **Judith** and **Holofernes** alone]

[10] Gentileschi frequently included candles to create this effect, the bold contrast between light and dark to greater emphasize space.

ANSWER: **chiaroscuro**

[10] Like all Pieta's, Gentileschi's version includes Jesus Christ and this woman. Raphael judged his growth as a painter by frequently painting this woman with children in nature.

ANSWER: the **Madonna** [or the **Virgin**; or St. **Mary**; or other variations of the **Virgin Mary**'s name]

<Visual Fine Arts> <Ganon Evans>/<ed. JO>

15. A novel about this ethnic group is *The Bonesetter's Daughter*, in which Ruth Liu investigates a curse manifested by the suicide of Precious Auntie, her mother's nursemaid. For 10 points each:

[10] Name this ethnic group, whose experience in America is chronicled by writers such as Frank Chin, Maxine Hong Kingston, and Amy Tan.

ANSWER: **Chinese**-Americans [prompt on **Asian**-Americans]

[10] Amy Tan is also the author of this novel, named after a mahjong playing group founded by four mothers. Waverly Jong wins a national chess championship at the age of nine in this novel.

ANSWER: **The Joy Luck Club**

[10] This first American woman to win the Nobel Prize for Literature grew up in China as the daughter of missionaries. She wrote about Wang Lung and his wife O-Lan in *The Good Earth*.

ANSWER: Pearl S. **Buck** <American Literature> <Jason Loy>/<ed. SB>

16. At the end of one of this author's plays, an actor asks the audience to "keep the secret of the whodunit locked in your hearts." For 10 points each:

[10] Name this author. This author's play *The Mousetrap* is the longest-running show of any kind in the world since 1952. Dr. Sheppard blackmails and murders Roger Ackroyd in a novel by this author.

ANSWER: Agatha **Christie** [or Agatha Mary Clarissa **Christie**, Lady Mallowan; accept Mary **Westmacott**]

[10] This Belgian detective created by Christie realizes Simon faked being shot with a bottle of fake ink to murder Linnet in *Death on the Nile* and investigates the stabbing of Casetti in *Murder on the Orient Express*.

ANSWER: Hercule **Poirot**

[10] In *Murder on the Orient Express*, Poirot deduces this solution behind who murdered the mobster and kidnapper Casetti. A description is acceptable.

ANSWER: **everyone did it** [accept answers describing that everyone on the train helped kill Casetti] <British Literature> <Ganon Evans>/<ed. SB>

17. Answer the following about the hormone cholecystokinin ["kow-luh-si-stuh-kai-nuhn"], or CCK. For 10 points each:

[10] CCK stimulates the release of digestive enzymes from this organ through the duct of Wirsung and ampulla of Vater.

ANSWER: **pancreas**

[10] CCK also stimulates the release of this fluid from the gallbladder, where it is stored. This fluid is produced in the liver and aids in the digestion of fats.

ANSWER: **bile**

[10] Both the bile and digestive enzymes released due to CCK are sent to the duodenum, part of this organ. This organ connects the stomach to the large intestine.

ANSWER: **small intestine** [prompt on intestines] <Biology> <Aadi Karthik>

18. A work by this man depicts a speech contest amongst several attendees of a banquet, including Aristophanes. For 10 points each:

[10] Name this Athenian philosopher, who wrote *Symposium* and *Apology*.

ANSWER: **Plato** [or **Platon**]

[10] In this dialogue by Plato, Socrates discusses the question of whether the just or unjust man is happier with Athenian citizens. This work also proposed the hypothetical city-state Kallipolis.

ANSWER: *The* **Republic**

[10] Plato presented this idea in *The Republic* as a dialogue between Glaucon and Socrates. It describes people who have spent their lives chained to the wall of the title place, watching shadows move about.

ANSWER: **Allegory** of the **Cave** <Philosophy> <William Grossman>

19. This man's enmity with the Lombards sprang from his abandonment of his Lombard wife Desiderata in favor of then-13-year-old Hildegard. For 10 points each:

[10] Name this king of the Franks whom Leo III crowned Emperor of the Romans in 800. This son of Pepin the Short presided over a massacre of 4500 Saxons at Verdun.

ANSWER: **Charlemagne** [or **Charles I**; or **Charles the Great**; or **Carolus Magnus**]

[10] Leo III crowned Charlemagne Emperor of the Romans on this holiday. During a 1914 truce during this holiday, spontaneous soccer games broke out among the Allied and Central Powers armies.

ANSWER: **Christmas** [or the **Christmas** Truce]

[10] Charlemagne was the grandson of this Duke of the Franks, who is best known for defeating Umayyad forces under Abdul Rahman Al-Ghafiqi at the 732 Battle of Tours.

ANSWER: **Charles Martel** <European History> <Jason Loy>/<ed. DS>

20. The largest school of this sect, the Twelvers, believe that the return of the Mahdi will coincide with the second coming of Jesus. For 10 points each:

[10] Name this second-largest sect of Islam, the majority religion in Azerbaijan, Iraq, and Iran. Adherents of this sect believe that Ali was the rightful successor to Mohammed as caliph.

ANSWER: **Shi'a**

[10] Wahhabism is a particularly strict interpretation of Sunni Islam that is primarily practiced in this country. This modern-day country contains the cities of Mecca and Medina.

ANSWER: **Saudi Arabia** [or Al-Mamlakah **al-Arabiyyah as-Sa'ūdiyyah**]

[10] While both Sunni and Shi'a Islam recognize the supremacy of the Qur'an, they differ as to which of these accounts of Mohammed's life they accept as canonical. The Shi'a use a collection of these called the Four Books.

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