

2020-2021 MOQBA Novice

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Packet 8

Tossups

1. A novella by this author opens with John T. Unger meeting his boarding school roommate Percy Washington, who claims his father is “by far the richest man in the world” in part because he owns the title object. This author of “The Diamond as Big as the Ritz” also wrote a semi-autobiographical novel that focuses on Princeton student Amory (*) Blaine. This author of *This Side of Paradise* is perhaps best known for a novel narrated by Nick Carraway that tells the story of the title character’s romantic pursuit of Daisy Buchanan. For 10 points, name this author of *The Great Gatsby*.
ANSWER: Francis Scott (Key) Fitzgerald <American Literature> <William Grossman>/<ed. SB>

2. This ruler created the League of Armed Neutrality to ensure freedom of the seas during the American Revolution. The Nakaz was an Enlightenment-inspired law code issued by this ruler. Fake “Potemkin villages” were supposedly created to impress this ruler by her lover during her tour of territory conquered from the Ottoman Empire. The Partitions of (*) Poland were engineered by this ruler and Frederick the Great. She came to the throne after toppling her husband Peter III in a coup. For 10 points, name this woman who ruled Russia for much of the later 18th century.
ANSWER: Catherine the Great [or Catherine II; or Yekaterina II Velikaya; or Sophie Friederike Auguste, Prinzessin von Anhalt-Zerbst; prompt on Catherine] <European History> <Doug Simons>/<ed. DS>

3. In a work from this thinker’s middle period, he posed the question “What if one day ... a demon were to steal after you .. and say: This life ... you will have to live once more.” That work by this thinker was one of the earliest examples of his concept of “eternal recurrence.” In another work, this thinker chronicled the fictional journeys of a namesake of the founder of (*) Zoroastrianism and discussed the idea of the *übermensch*, or “Overman.” For 10 points, what philosopher wrote *Thus Spoke Zarathustra* and declared in *The Gay Science* that “God is dead?”
ANSWER: Friedrich Nietzsche [or Friedrich Wilhelm Nietzsche] <Philosophy> <William Grossman>/<ed. JO>

4. The London equations describe this phenomenon. In a theory of this phenomenon, electrons near the Fermi level form Cooper pairs; that theory, an alternative to Ginzburg-Landau theory, is the BCS theory of this phenomenon. YBCO displays the high-temperature variety of this phenomenon. Materials that exhibit this phenomenon are perfect (*) diamagnets, as they expel magnetic fields in the Meissner effect, which allows them to levitate. For 10 points, name this phenomenon, in which a material exhibits zero electric resistance.
ANSWER: superconductivity [accept superconductors] <Physics> <Aadi Karthik>

5. After Hurricane Katrina, Banksy created an image of a girl nicknamed Nola holding one of these objects in New Orleans. A glass of water balances atop one of these objects in Rene Magritte's *Hegel's Holiday*. The artist's son Jean stands behind his mother Camille, who is holding one of these objects, in a Monet painting nicknamed *The (*) Stroll*. A painting featuring these objects is set in the Place de Dublin and exhibits Baron von Hausmann's new city planning. For 10 points, name these objects held by citizens in Gustave Caillebotte's *Paris Street, Rainy Day*.

ANSWER: umbrellas [or parasols] <Visual Fine Arts> <Ganon Evans>/<ed. JO>

6. This king's wife scraped wax off a tablet sent by Demartus to uncover a hidden message. The 400 Thebans accompanying this man at his most notable engagement largely surrendered to enemy forces. Ephialtes (*) betrayed this husband of Queen Gorgo by identifying a path around his forces. This king responded "come and take them" upon being ordered to surrender his weapons at a location nicknamed the "hot gates." For 10 points, name this Spartan king who fought in the Battle of Thermopylae with his 300 soldiers.

ANSWER: Leonidas I <Miscellaneous History> <Lalit Maharjan>/<ed. DS>

7. A character in this play hosts poker games in his apartment while his pregnant wife takes refuge with their neighbor Eunice. Another character in this play claims to be on leave from her teaching job because her "nerves broke," and her husband committed suicide when she caught him having an (*) affair with another man. That character's brother-in-law buys her a bus ticket to Mississippi as a birthday present before sexually assaulting her, and she later admits that she has "always depended on the kindness of strangers." For 10 points, name this play by Tennessee Williams about Blanche DuBois.

ANSWER: A Streetcar Named Desire <American Literature> <Sadie Britton>

8. A character in this movie admits her friend forbade her from wearing hoop earrings that she received for Hanukkah; that same character was denied a candy-cane-gram while in class with Glenn Coco. The on-and-off girlfriend of Aaron Samuels owns the "Burn Book" in this movie, and later takes up lacrosse after being hit by a school bus. This movie's protagonist wins a (*) math competition coached by Tina Fey before apologizing to Regina George at the Spring Fling dance. Cady Heron encounters the Plastics in, for 10 points, what high school movie starring Lindsey Lohan and Rachel McAdams?

ANSWER: Mean Girls <Popular Culture> <Ganon Evans>/<ed. SB>

9. This practice was required of early Methodist clergy on Wednesdays and Fridays to remember the betrayal and death of Jesus. Members of the Baha'i faith perform this action for nineteen days following the spring equinox. This practice is forbidden during Eid (*)-al-Fitr, which marks the end of a period of performing this action. The practice of *sawm* dictates that able-bodied Muslims are to perform this action during daylight in the month of Ramadan. For 10 points, name this practice of abstaining from food and drink.

ANSWER: fasting [or word equivalents, like not eating food, until mention] <Religion> <Jason Loy>/<ed. LW>

10. After these structures undergo the epithelial-mesenchymal transition, they are intravasated into the bloodstream. Excessive growth in these structures can be caused by Ras protein knockout of the p53 gene, named for its suppression of these. The movement of cells from these structures through blood vessels is called (*) metastasis, and occurs when these structures become malignant, as opposed to benign. Chemotherapy can treat, for 10 points, what masses of cells that can be found in breast or lung cancer?

ANSWER: tumors [or neoplasm, prompt on cancerous cells before mentioned] <Biology> <Vishal Kanigicherla>/<ed. AK>

11. **This city is home to a Norman Foster-designed commercial skyscraper formerly known as the Swiss Re Building, nicknamed “The Gherkin.” Another skyscraper in this city designed by Renzo Piano is 95 stories tall and nicknamed “The Shard.” Inigo Jones was among the architects involved in the design of this city’s St. (*) Paul’s Cathedral, which sits on Ludgate Hill. A building sometimes referred to as the “Inside-Out Building” in this city is home to an insurance company known as Lloyd’s of this city. Westminster Abbey is located in, for 10 points, what capital of England?**

ANSWER: London <Geography> <William Grossman>

12. **In the *Poetic Edda*, a seer recounts this god’s thrice-burning of the seeress Gullveig. This god imparted the breath of life to Ask and Embla, the first humans. This god led the Aesir army against the Vanir. Half of the *einherjar* are given to Freya and half to this deity. This god learned how to understand (*) runes after hanging himself for nine days and nights. Hugin and Munin are news-bearing ravens owned by this god who is married to Frigga. For 10 points, name this one-eyed wielder of Gungnir and chief Norse god.**

ANSWER: Odin [or Wotan] <Mythology> <Jason Loy>/<ed. LW>

13. **This country gained the port of Qingdao and the South Pacific Mandate from Germany after World War I. The Boshin War followed an 1868 regime change in this country. This victor of the Battle of Tsushima defeated Russia in a 1904-1905 war whose end was negotiated by Theodore Roosevelt. (*) Manchukuo was a puppet state established by this country after a 1932 invasion. This country’s military perpetrated the Nanking Massacre during its 1937 invasion of China. For 10 points, name this country whose surrender to the United States ended World War II in the Pacific.**

ANSWER: Japan [or Nihon; or Nippon] <World History> <Jason Loy><ed. DS>

14. **Brahmagupta’s formula can be used to find the area of a quadrilateral inscribed in one of these shapes; such quadrilaterals are also the subject of Ptolemy’s theorem. The power-of-a-point theorem relates lengths of secants and tangents of these figures. The (*) “unit” type of these figures contains all complex numbers with magnitude one. These figures, which are ellipses with eccentricity zero, consist of the set of all points that are equidistant from a center. For 10 points, name these geometric figures, whose circumference is equal to their diameter times pi.**

ANSWER: circles <Math> <Aadi Karthik>/<ed. CT>

15. **In a novel from this country, a corrupt official is opposed by a group of 108 bandits who gather at a marsh; that novel is *Water Margin*. In another novel from this country, one character wields an iron rake, while another character was born from a stone egg. Those characters, who travel with Sandy and Tripitaka to obtain sutras, are Pigsy and the Monkey (*) King. In a third novel from this country, one character is defeated at the Battle of Red Cliffs; that character is Cao Cao [“tsao tsao”]. For 10 points, *Journey to the West* and *Romance of the Three Kingdoms* are two of the four great classical novels from what East Asian country?**

ANSWER: China <European/World Literature> <Aadi Karthik>

16. **A bandleader who played this instrument collaborated with Juan Tizol on the Latin-flavored “Caravan.” Another player of this instrument noticeably struggles during his solo on the original recording of John Coltrane’s “Giant Steps.” Another player of this instrument was inspired by a U.S. State Department tour to experiment with time signatures on songs like “Blue Rondo ala Turk” and “Take (*) Five.” With Billy Strayhorn, a player of this instrument wrote “In a Sentimental Mood” and “Take The A Train.” For 10 points, name this instrument played by Tommy Flannigan, Dave Brubeck, and Duke Ellington.**

ANSWER: Pianoforte <Other Fine Arts> <Max Shatan>/<ed. JO>

17. **One of this president’s advisors, Harry Hopkins, served as a member of his Brain Trust. After the Supreme Court struck down the National Industrial Recovery Act, this president proposed “packing” the Court. He began his presidency by announcing a four-day bank holiday and the establishment of the FDIC, which he discussed in his first (*) Fireside Chat.** This president’s first 100 days saw the passage of programs like the Tennessee Valley Authority and the Civilian Conservation Corps. For 10 points, name this 32nd president, who oversaw the New Deal.

ANSWER: Franklin Delano Roosevelt [or F.D.R.; prompt on Roosevelt] <American History> <Doug Simons>/<ed. DS>

18. **This composer wrote three “Venetian Boat Songs,” which he included in his eight collections of *Songs Without Words*. During a trip to the island of Staffa, this composer sketched out on a postcard a melody inspired by Fingal’s Cave. This composer included the “Dresden Amen” motif and referenced (*) Martin Luther’s hymn “A Mighty Fortress Is Our God” in his fifth symphony, nicknamed the *Reformation*.** For 10 points, name this German composer of the *Hebrides Overture*, who included a “Wedding March” in his incidental music to *A Midsummer Night’s Dream*.

ANSWER: Felix Mendelssohn [or Jakob Ludwig Felix Mendelssohn-Bartholdy] <Auditory FA> <Aadi Karthik>/<ed. WG>

19. **While drunk on rum, this character hallucinates an angel aflame floating down from a black cloud. After seeing a single footprint in the beach, this character hides in his “castle” for two years before the chapter “I See the Shore Spread with Bones.” This character settles in Brazil after freeing a group of Spaniards from cannibals, (*) who spot mutineers which allowed this character and Friday to return to England.** For 10 points, name this Daniel Defoe character who spends years trapped on an island.

ANSWER: Robinson Crusoe [accept either underlined] <British Literature> <Ganon Evans>/<ed. SB>

20. **This compound is the gaseous product when limestone is heated to form quicklime. Along with ethanol, this compound is a product of the fermentation of glucose by yeast. Ocean acidification is caused by a product created when this compound is dissolved in water, carbonic acid. (*)** Glucose and oxygen react to give water and this compound during cellular respiration. Dry ice is the solid form of this compound, the most significant contributor to global warming. For 10 points, name this molecule with chemical formula CO₂.

ANSWER: carbon dioxide [or CO₂ before mentioned] <Chemistry> <Jason Loy>/<ed. AK>

Tiebreaker. **In this organ, decreased sodium levels in the distal convoluted tubule cause the juxtaglomerular apparatus to release renin. One structure in this organ has an ascending and descending limb that are, respectively, impermeable and permeable to water; that structure is the Loop of Henle. The adrenal glands are located above this organ. The functional unit of this organ is the (*) nephron, and failure of this organ may necessitate dialysis.** This paired organ filters blood to produce urine that is then sent to the bladder. For 10 points, name this organ that is shaped like a bean.

ANSWER: kidneys [do NOT accept or prompt on “nephron”] <Biology> <Aadi Karthik>

Bonuses

1. For 10 points each, answer some questions about writer Anthony Trollope:

[10] The “fallen woman” Carry Brattle dreams of drowning herself at her family’s Bullhampton mill in a Trollope novel partially titled for one of these religious figures. Charles Primroses is another one of these figures who lives in Wakefield in an Oliver Goldsmith novel.

ANSWER: vicar [accept *The Vicar of Bullhampton* or *The Vicar of Wakefield*]

[10] Trollope’s *Chronicles of Barsetshire* occur in a fictional county, much like how this other author’s novels like *The Mayor of Castorbridge* and *Tess of the D’Urbervilles* occur in Wessex.

ANSWER: Thomas Hardy

[10] Scholars have compared the narrative style of Trollope’s novels to the narrative style of this author’s story collection *The Canterbury Tales*.

ANSWER: Geoffrey Chaucer <British Literature> <Ganon Evans>/<ed. SB>

2. One of these features, Paricutin, rose 1,475 feet from the middle of a Mexican corn field in a single year. For 10 points each:

[10] Name these features. Lava erupts from these features, which can be located over hot-spots.

ANSWER: volcanoes [accept, but DO NOT REVEAL, cinder-cone volcanoes]

[10] Paricutin is one of these volcanoes, which can be contrasted with composite and shield volcanoes and lava domes. These volcanoes typically erupt out of their sides and are mostly made of solidified lava.

ANSWER: cinder-cone volcanoes [prompt on partial answer]

[10] The lava released by Paricutin has higher silica content than this rock but lower silica content than andesite. This rock makes up much of the oceanic crust.

ANSWER: basalt <Earth Science> <Aadi Karthik>

3. This country joined the European Union in 1995, and opened the Oresund Bridge in 2000, which connected its city of Malmo to Denmark. For 10 points each:

[10] Name this country, whose Prime Minister Olof Palme was assassinated in 1986 while walking from a movie with his wife. Ingvar Carlsson succeeded Palme as Prime Minister of this country.

ANSWER: Sweden [or Kingdom of Sweden; or Sverige; or Svithiod]

[10] Olaf Palme ascribed to the democratic variant of this general political philosophy popular in Scandinavia, which advocates state control over some industries. Francois Mitterand served as president of France as a member of a party of this name.

ANSWER: socialism [or democratic socialism; or the Socialist Party; or socialist]

[10] Palme frequently clashed with this leader of the Soviet Union from 1964 to 1982, especially when several Soviet submarines intruded on Swedish waters. This man’s namesake doctrine justified Soviet intervention in Central European Soviet allies.

ANSWER: Leonid Brezhnev [or the Brezhnev Doctrine] <European History> <Jason Loy>/<ed. DS>

4. Amy Coney Barrett replaced this person on the Supreme Court in October 2020. For 10 points each:

[10] Name this Supreme Court justice who passed away in September 2020. This second female justice on the court was the subject of the 2018 movie *On the Basis of Sex*.

ANSWER: Ruth Bader Ginsburg [accept RBG]

[10] One of Ginsburg’s last decisions was in *Bostock v. Clayton County*, which extended the 1964 Civil Rights Act to these people. These people were given the right to marry in 2015 by *Obergefell v. Hodges*.

ANSWER: same-sex couples [or gay people; or lesbian people; or homosexual people; or members of the LGBT community]

[10] The proceedings to determine Ginsburg’s replacement by Barrett were overseen by this South Carolina senator. This senator defeated Jaime Harrison in 2020 to retain his Senate seat.

ANSWER: Lindsey Olin Graham <Current Events> <Arjun Nageswaran>/<ed. SB>

5. The Etruscans depicted this figure as the wife of Dionysus. For 10 points each:

[10] Name this Cretan princess who gave Theseus a ball of string before he entered Minos' labyrinth.

ANSWER: **Ariadne**

[10] Theseus was one of the men who Minos demanded as a tribute to this creature, who is typically depicted as part man and part bull.

ANSWER: the **Minotaur** [prompt on Asterion]

[10] Theseus would later become a king of this city-state. A goddess for whom this city-state is named beat Poseidon in a contest with her offering of an olive tree.

ANSWER: **Athens** <Mythology> <Luc Wetherbee>/<ed. LW>

6. Paul D, a former slave at Sweet Home Plantation, helps Denver overcome her fear of leaving her house in this novel. For 10 points each:

[10] Name this novel in which the title character, the ghost of a child killed by her mother Sethe, haunts 124 Bluestone Lane.

ANSWER: **Beloved**

[10] This author of *Beloved* was the first African-American to receive the Nobel Prize for Literature, and her other works include *Song of Solomon* and *The Bluest Eye*. She died in August 2019.

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

[10] She's not Alice Walker, but this writer published an open letter in the *New York Times* protesting the fact that Morrison had not won any major literary prizes. This writer's autobiographical works include *I Know Why the Caged Bird Sings*.

ANSWER: Maya **Angelou** <American Literature> <Jason Loy>/<ed. SB>

7. Residents of this U.S. metropolitan area often colloquially refer to it as "the metroplex." For 10 points each:

[10] Name this North Texas metropolitan area that includes relatively smaller cities such as Denton and Frisco, as well as Arlington.

ANSWER: **Dallas-Fort Worth** metropolitan area [accept either underlined portion]

[10] The Dallas-Fort Worth metropolitan area is also often given the moniker "twin cities," which is also used to describe many other American cities, including an area that includes St. Paul in this state.

ANSWER: **Minnesota**

[10] Another metropolitan area outside of the U.S. considered to include "twin cities" is Rabat-Salé in this country, which is also home to the city of Casablanca.

ANSWER: Kingdom of **Morocco** <Geography> <William Grossman>

8. The term "Broken Arrow" refers to accidents involving these objects, like when the Air Force dropped three of these objects over Goldsboro, North Carolina in 1961. For 10 points each:

[10] Name these weapons, who have only ever been used in combat when the U.S Army Air Force dropped Little Boy and Fat Man on Hiroshima and Nagasaki.

ANSWER: **nuclear weapons** [accept equivalents like **nuclear bombs** or **nuclear missiles**]

[10] Little Boy and Fat Man were the result of this U.S government project during World War II. Robert Oppenheimer oversaw this project's Trinity test in the New Mexico desert.

ANSWER: **Manhattan** Project

[10] 1961 also saw the Soviet Union test this most powerful nuclear bomb ever created. The mushroom cloud from this thermonuclear bomb reached over 200,000 feet up into the mesosphere.

ANSWER: **Tsar Bomba** [or **RDS-220**]

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

9. The “deep inelastic” type of this process provided evidence for the existence of quarks. For 10 points each:

[10] Name this process. The Compton type of this process involves a photon losing energy upon interaction with an electron.

ANSWER: **scattering** [accept deep inelastic **scattering** or Compton **scattering**]

[10] Deep inelastic scattering is a high-energy variant of this scientist’s namesake scattering. In one experiment, this scientist discovered the atomic nucleus, which he later included in a model of the atom replaced by the Bohr model.

ANSWER: Ernest **Rutherford**

[10] Rutherford scattering was observed in an experiment in which alpha particles were fired at a foil made of this element. This yellow precious metal has the atomic symbol Au.

ANSWER: **gold** <Physics> <Aadi Karthik>

10. The author of this work once said of it, “Insight such as this falls to one’s lot but once in a lifetime.” For 10 points each:

[10] Name this 1889 book by the founder of psychoanalysis that introduces what would become Oedipus complex as well as the author’s theory of the unconscious.

ANSWER: *The **Interpretation of Dreams*** [or ***Die Traumdeutung***]

[10] *The Interpretation of Dreams* was written by this Austrian founder of psychoanalysis whose daughter, Anna, also would later become a psychoanalyst.

ANSWER: Sigmund **Freud** [or Sigismund Schlomo **Freud**]

[10] Freud also developed a model of psychic structure that contained the ego, superego, and this set of uncoordinated, instinctual desires.

ANSWER: **id** <Social Science> <William Grossman>

11. Answer the following about women in early American history. For 10 points each:

[10] This possibly-legendary woman took her husband’s place loading cannons at the Battle of Monmouth during the American Revolution. Her nickname comes from her previous role as a water carrier.

ANSWER: **Molly Pitcher** [or Mary Ludwig **Hayes** McCauley; or Mary Ludwig Hayes **McCauley**]

[10] This First Lady ordered the preservation of the *Lansdowne Portrait* of George Washington when the British burned the White House in 1814.

ANSWER: **Dolley Madison** [or **Dolley** Todd Payne **Madison**; prompt on **Madison**].

[10] This religious leader was banished from the Massachusetts Bay Colony for rejecting the “covenant of works” during the Antinomian Controversy and relocated to Rhode Island after her followers were given refuge by Roger Williams.

ANSWER: Anne **Hutchinson** <American History> <Jason Loy>/<ed. DS>

12. Ford Prefect was the field researcher on Earth for this book, which resembles a small computer and has the letters “DON’T PANIC” written on its cover. For 10 points each:

[10] Name this functional encyclopedia for the known universe. A Douglas Adams series titled for this book describes how the answer to the “Ultimate Question” is 42.

ANSWER: *The **Hitchhiker’s Guide to the Galaxy***

[10] Barcelona hosts the “Encyclopaedic Organization,” which collects everything possibly known, in this author’s short story “The Shape of Things to Come.” This “father of science fiction” is better known for novels like *The Time Machine* and *The War of the Worlds*.

ANSWER: H.G. **Wells** [or Herbert George **Wells**]

[10] This creator of the *Encyclopedia Galactica* outlined that constructs “may not injure a human being” in his first of Three Laws of Robotics.

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

13. This holiday celebrates the faith of Prahlada and his triumph over the king Hiranyakashipu. For 10 points each:

[10] Name this Hindu holiday celebrated in the spring, during which people throw colored powder at each other.

ANSWER: **Holi**

[10] Some cultures also celebrate the return of a god of this phenomenon on Holi. That god of this phenomenon, Kamadeva, was burned by Shiva's third eye after shooting arrows at him.

ANSWER: **love** [or clear-knowledge equivalents like **desire** or **romance**] <LW>

[10] Prahlada was faithful to this "preserver" deity who forms the Trimurti with Brahma and Shiva.

ANSWER: **Vishnu** <Religion><Luc Wetherbee>/<ed. LW>

14. Answer the following about the NPK ratio. For 10 points each:

[10] The NPK ratio describes these substances. These substances are added to soil to supply nutrients to plants.

ANSWER: **fertilizers**

[10] The NPK ratio indicates the amount of phosphorus, potassium, and this element in a fertilizer. Plants like legumes replenish the amount of this element in the soil.

ANSWER: **nitrogen** [prompt on **N**]

[10] These bacteria inhabit nodules on the roots of legumes and enable the replenishing of nitrogen in the soil by performing nitrogen fixation.

ANSWER: **rhizobia** [or **rhizobium**] <Biology> <Vishal Kanigicherla>/<ed. AK>

15. An opera by this composer is divided into three acts titled for Leo Tolstoy, Rabindranath Tagore, and Martin Luther King Jr. For 10 points each:

[10] Name this American minimalist composer, who included an opera about the life of Mahatma Gandhi, *Satyagraha*, in his "Portrait Trilogy."

ANSWER: Philip **Glass**

[10] This other opera from Glass' "Portrait Trilogy" includes songs such as "Mr. Bojangles" and "I Feel the Earth Move." The three main parts of this opera are titled "Train," "Trial," and "Spaceship."

ANSWER: ***Einstein on the Beach***

[10] *Akhnaten*, another opera from the "Portrait Trilogy," is based on the life of Akhenaten, a pharaoh from this present day nation's New Kingdom.

ANSWER: **Egypt** [or Arab Republic of **Egypt**; or Jumhuriyat **Misr** al-Arabiyah] <Auditory FA> <William Grossman>/<ed. JO>

16. This element's thiocyanate is used in the Pharaoh's Serpent reaction. For 10 points each:

[10] Name this element. This transition metal with symbol Hg is liquid at room temperature.

ANSWER: **mercury**

[10] The mercury in the mercury thiocyanate has this oxidation state. This is the preferred oxidation state of alkaline earth metals.

ANSWER: **+2** ["plus two"] [or **2+**]

[10] The discovery of the Pharaoh's Serpent reaction is attributed to Friedrich Wohler, who is best known for synthesizing this compound with lead cyanate and ammonia, thus disproving vitalism.

ANSWER: **urea** [or **carbamide**; accept **CH₂N₂O**] <Chemistry> <Aadi Karthik>

17. Alfred Stieglitz photographed this artist's submission to the Society of Independent Artists of a porcelain urinal signed "R. Mutt." For 10 points each:

[10] Name this French Dada artist whose "readymades" included a snow shovel titled *Prelude to a Broken Arm*, and the aforementioned *Fountain*.

ANSWER: Marcel **Duchamp** [or Henri-Robert-Marcel **Duchamp**]

[10] Duchamp and his friend Constantin Brancusi [bran-koosh] were controversially taxed by U.S. Customs over the importation of this Brancusi sculpture depicting an animal in flight. This sculpture was originally ruled indistinguishable from metal due to its non-objectivist form.

ANSWER: ***Bird in Space*** [or ***L'Oiseau dans l'espace***]

[10] Duchamp's Dada artworks were labeled "degenerate" by this regime, who also denounced Weimar-era art which denounced World War I.

ANSWER: **Nazi** Germany [or The **Third Reich**, prompt on Germany or Deutschland; do NOT accept or prompt on the "German Empire" or the "Weimar Republic"] <Visual Fine Arts> <Ganon Evans>/<ed. JO>

18. This poem begins with a figure desiring to "cut a door to Europe wide" by building over "the miserable Finn's abode" on the River Neva. For 10 points each:

[10] Name this poem, in which Yevgeny is chased through St. Petersburg streets after he raises a fist at the title statue.

ANSWER: ***The Bronze Horseman, A Petersburg Story*** [or ***Mednyy vsadnik***; or ***The Copper Horseman***]

[10] The Bronze Horseman was by this Russian poet, who alternated masculine and feminine rhymes in the verse novel *Eugene Onegin*.

ANSWER: Alexander **Pushkin** [Accept Alexander Sergeyevich **Puskin**]

[10] Eugene Onegin kills Vladimir Lensky during one of these events, after Lensky mocked Onegin at a ball. Alexander Pushkin himself died during one of these events with a French military officer.

ANSWER: a **duel** [Prompt on nonspecific answers indicating violence or fighting; accept verb forms like **dueling**] <European/World Literature> <Ganon Evans>/<ed. SB>

19. In 1970, Pittsburgh Pirates pitcher Dock Ellis managed to accomplish this feat while on acid against the San Diego Padres. For 10 points each:

[10] Name this baseball feat in which a losing team only reaches base by walks, errors, or being hit by the ball. A version of this feat in which no players reach the base is a perfect game.

ANSWER: **no-hitter** [accept a **no-hit** game or a **no-no**]

[10] This pitcher holds the record for the most no-hitters at 18. This pitcher holds the record for career strikeouts at 5,714.

ANSWER: Nolan **Ryan** [accept The **Ryan** Express]

[10] The most recent no-hitter was performed by Justin Verlander of this Texas team. In 2019 this team was embroiled in a scandal after using a camera system to record and signal opposing teams' pitches.

ANSWER: **Houston Astros** [accept either underlined] <Popular Culture> <Ganon Evans>/<ed. SB>

20. Answer the following about a notable protest against British rule in India. For 10 points each:

[10] Name this protest against a British tax on a namesake good. This protest lasted 24 days and took its members 240 miles to Dandi to gather this protest's namesake good from the sea.

ANSWER: **Salt March**

[10] The salt march was organized and led by this activist for Indian independence, whose focus on nonviolent tactics inspired Martin Luther King Jr.

ANSWER: Mohandas **Gandhi** or [Mahatma **Gandhi**]

[10] Other members of the Indian National Congress distanced themselves from Gandhi following the failure of the Salt March to achieve immediate results, as well other issues like Gandhi's campaigns on behalf of these people. These people lie at the bottom of traditional Indian caste systems.

ANSWER: **dalits** [or **untouchables**] <World History> <Doug Simons>/<ed. DS>