

2020-2021 MOQBA Novice

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Packet 3

Tossups

1. **The narrator of this novel confesses to his sister Margaret Seville that “there is something at work in my soul” while captaining an expedition to the North Pole. Justine Moritz is wrongfully hanged in this novel after being found with William’s (\*) picture of Caroline.** The protagonist of this novel is imprisoned in Ireland after Henry Clerval’s body is found strangled. This novel is written as letters from Captain Robert Walton after he discovers the title Swiss scientist in the Arctic. Victor creates a monster in, for 10 points, what gothic Mary Shelley novel?

ANSWER: Frankenstein; or, the Modern Prometheus <British Literature> <Ganon Evans>/<ed. SB>

2. **The “Porch of the Maidens” at this location features six caryatid figures supporting the roof of the Erechtheion [“uh-rek-thee-uhn”]. This location’s largest structure once featured an ivory statue with golden drapery and a figurine of Nike. The Elgin Marbles includes (\*) Helios’ horses and other statues from the eastern pediment of a building at this location.** Pericles commissioned the sculptor Phidias to create a monumental statue of Athena in this location’s largest temple, the Parthenon. For 10 points, name this citadel of ancient Athens.

ANSWER: the Acropolis [or the Cecropia; prompt on Athens before it is read; prompt on the Parthenon before it is read with “Where was the Parthenon located?”] <Visual Fine Arts> <Ganon Evans>/<ed. JO>

3. **During the battle of Alesia, Julius Caesar built two of these structures around his armies and those of Vercengetorix. Lysander had a “long” one of these structures destroyed following Athens’ defeat in the Peloponnesian War. One of these structures built by Antoninus Pius in (\*) Britain has largely weathered away due to being built from turf and wood.** That structure lies north of another one of these structures built by Hadrian to keep Celtic tribes out of Roman territory. For 10 points, name these tall defensive structures that often encircled cities.

ANSWER: wall [accept Hadrian’s Wall, Antonine Wall, or Long Walls] <Miscellaneous History> <Lalit Maharjan>/<ed. DS>

4. **The two-body problem can be converted into a one-body problem by using a “reduced” form of this quantity. The period of an object on a spring is equal to two pi times the square root of this quantity over the spring constant. The force due to gravity between two objects is directly proportional to the (\*) product of each object’s value for this quantity.** The gravitational potential energy of an object is equal to this quantity times the gravitational acceleration times the height. On Earth, this quantity times little g is the weight. For 10 points, name this quantity, usually measured in kilograms.

ANSWER: mass [prompt on m] <Physics> <Aadi Karthik>

5. **This country is home to a golden Buddhist temple in its city of Elista. A religious schism in this country included debate over whether to use two or three fingers in making the Sign of the Cross, and resulted in the persecution of the Old Believers. After the fall of Constantinople, this country's modern capital was identified by refugees as the "Third (\*) Rome."** This country's famous landmarks include the colorful onion-shaped domes of St. Basil's Cathedral. For 10 points, name this country whose Orthodox Church is led by the Patriarch of Moscow.

ANSWER: Russia [or the Russian Federation; the city of Elista is located in Kalmykia, a constituent republic of the Russian Federation] <Religion> <Vasa Clarke>/<ed. LW>

6. **Max Siedentopf** ["see-den-toff"] created an art installation which plays this song on repeat in the Namib Desert. In the music video for a version of this song, **Weird Al Yankovic** dresses as **Rivers Cuomo**. A group of "wild dogs" grow "restless for some solitary company" in this song, which was covered by **Weezer** in 2018. An old man in this song yells "hurry boy, it's waiting there for you," referring to how (\*) "Kilimanjaro rises like Olympus above the Serengeti" in this song. This song begins with "I hear the drums echoing in the night." For 10 points, name this 1983 song by Toto in which the speaker "blesses the rains down in" the title continent.

ANSWER: "Africa" <Popular Culture> <Ganon Evans>/<ed. SB>

7. **In this modern-day country, a group known as the "Twelve Apostles" hunted down an intelligence unit called the Cairo Gang. Arthur Griffith founded this country's Sinn Féin** ["Shin Fane"] party. **Eamon de Valera** became the first **Taoiseach** ["Te-shook"] of this country after forming the (\*) **Fianna Fáil** ["Foil"] party. One rebellion in this modern-day country began with the seizure of the General Post Office. For 10 points, name this country where the Easter Rising took place in its capital of Dublin.

ANSWER: Republic of Ireland [or Poblacht na hÉireann, or the Irish Free State; or Saorstát Éireann] <European History> <Doug Simons>/<ed. DS>

8. A constant named for this condition can be derived given temperature with the van't Hoff equation. That constant is equal to the reaction quotient when this condition is present. By **Le Chatelier's principle**, if conditions are changed, the position of this condition moves to counteract that change. This condition for any physical system is said to be (\*) unstable when its potential energy is at a local maximum. The chemical form of this concept occurs when the forward and reverse reaction rates are equal. For 10 points, name this term that denotes a state of balance among opposing forces.

ANSWER: equilibrium [or the equilibrium constant] <Chemistry> <Jason Loy>/<ed. AK>

9. **The libretto of an opera by this composer was based on a similarly titled Henri Murger novel that has no unified plot. In that opera by this composer, the aria "Quando m'en vo" is sung by Musetta; that opera by this man served as the inspiration for a 1996 Jonathan Larson rock musical, Rent. Another opera by this composer contains the aria (\*) "Un bel di."** That opera, based on a John Luther Long short story, ends with Cio-Cio-san committing suicide after being betrayed by Pinkerton. For 10 points, name this Italian composer of *La bohème* and *Madama Butterfly*.

ANSWER: Giacomo Puccini [or Giacomo Antonio Domenico Michele Secondo Maria Puccini] <Auditory Fine Arts> <William Grossman>

10. Examples of the “New” type of this genre include Menander’s *The Grouch* and Plautus’s *The Pot of Gold*. In a play of this type, Xanthias and Dionysus try to bring Euripides back from the underworld. In a different play of this type, the women of Athens try to end the Peloponnesian War by refusing to sleep with their husbands. The best-known author of this genre wrote *The (\*) Frogs* and *Lysistrata* and lampooned Socrates in *The Clouds*. For 10 points, name this genre of drama, the Greek version of which was exemplified by the works of Aristophanes, often contrasted with tragedy.

ANSWER: comedy [or New Comedy; prompt on drama] <European/World Literature> <Jason Loy>/<ed. JO>

11. This river forms a lake-like widening that is occupied by M’Bamou in its center. That area of this river is known as Pool Malebo. Soon after joining with the Ubangi River, this river narrows and forms a series of cataracts known as Livingstone Falls. This river is fed by Lake Tanganyika and it separates the two geographically closest (\*) non-contiguous capitals in the world. This river was formerly known as the Zaire River under the Mobutu dictatorship. For 10 points, name this second longest river in Africa that separates Kinshasa and Brazzaville.

ANSWER: Congo River [or the Zaire River before it is read; or the Lualaba River before “Malebo” is read] <Geography> <William Grossman>

12. This god brought upon a Golden Age during his rule of Latium. The treasury of the Roman Republic was kept in a temple on the Capitoline Hill dedicated to this god. During a holiday dedicated to this god, gambling was allowed and masters and slaves switched places. In addition to the sun and moon, the only English day of the week not named for a (\*) Norse deity is named after this god. This powerful Roman god was conflated with the Greek titan Cronus. For 10 points, name this Roman god who shares his name with a ringed planet.

ANSWER: Saturn [or Saturnalia] <Mythology> <Lalit Maharjan>/<ed. LW>

13. Vachel Lindsay helped popularize this writer’s work after he gave Lindsay three of his poems while working as a busboy. One of his poems is framed as a prompt from a college instructor who said to “Go home and write a page tonight” and mentions the poet’s love for “Bessie, bop, and Bach.” This poet wrote that despite the fact that “they send me to eat in the kitchen,” “I, too, sing America.” This poet of “Theme for English B” proclaimed that it “sags like a (\*) heavy load” in a poem that asks “what happens to a dream deferred.” For 10 points, name this African-American poet of “The Negro Speaks of Rivers,” a key figure in the Harlem Renaissance.

ANSWER: Langston Hughes [or James Mercer Langston Hughes] <American Literature> <Jason Loy>/<ed. SB> (The dream deferred poem is called “Harlem”)

14. Amortized analysis of these constructs does not focus on the cost of each individual operation. Big-theta, big-omega, and big-O notation can be used to evaluate the time complexity of these constructs. If these constructs make the optimal choice at each step, they are called (\*) “greedy.” Merge, bubble, and selection are examples of these constructs used to sort elements. These constructs must have a finite number of steps. For 10 points, give this general term in computer science for a set of instructions to solve a task.

ANSWER: algorithms [accept greedy algorithms, accept sorting algorithms but prompt on just “sort” before mentioned] <Computer Science> <Lalit Maharjan>

15. **This President appointed Robert Weaver as the first African-American cabinet member. Protesters asked this man “How many kids did you kill today?” in opposition to actions like Operation Rolling Thunder and the Gulf of Tonkin Resolution. This President championed the Great Society, and the Civil Rights Act of (\*) 1964 was passed during his tenure. He became the first President to be sworn in on an airplane after his predecessor was shot in Dallas. For 10 points, name this Texan who became President after John F. Kennedy’s assassination.**

ANSWER: Lyndon Baines Johnson [or “LBJ,” prompt on Johnson; do NOT accept or prompt on “Andrew Johnson”] <American History> <Jason Loy>/<ed. DS>

16. **In this country, a period of political dominance by coffee planters and cattle ranchers in the early 20th century was known as its “cafe com leche” era. This country allied with Uruguay and Argentina to defeat Paraguayan dictator Francisco Solano Lopez in the War of the Triple Alliance. This country’s 1888 Golden Law made it the last nation in the Americas to abolish (\*) slavery. Pedro II served as the last emperor of this country, which gained independence from Portugal in 1824. For 10 points, name this country, the largest in South America.**

ANSWER: Federative Republic of Brazil [or Republica Federativa da Brasil; or Vera Cruz; or the Empire of Brazil] <World History> <Doug Simons>/<ed. DS>

17. **The buildup in one type of these compounds with a sphingosine [“sfing-guh-seen”] backbone is characteristic of a disease caused by a mutation in the HEXA gene, Tay-Sachs disease. Rafts of these compounds in the cell membrane help regulate its fluidity. One of these compounds with a glycerol backbone is linked to (\*) heart disease. A type of these compounds has a hydrophilic head and hydrophobic tail, makes up the cell membrane, and is the phospho-type of these compounds. Exemplified by triglycerides and cholesterol, for 10 points, name these compounds that are commonly referred to as fats.**

ANSWER: lipids [or sphingolipids; or glycosphingolipids; or phospholipids; or lipid rafts; prompt with “what general type of macromolecules are those?” on GM2 gangliosides or GM2 or cholesterol or triglycerides before they are read; prompt on fats before it is read] <Biology> <Vishal Kanigicherla>/<ed. AK>

18. **FOXP2 [“fox-p-two”] was the first gene identified that caused the development of this ability. The Sapir-Whorf hypothesis held that the structure of this thing fundamentally affects a person’s worldview. A “universal” aspect of this ability allows children to acquire mastery of this ability, according to (\*) Noam Chomsky. Families of these include Dravidian, Sinto-Tibetan, and Indo-European. Subfields of the study of this phenomenon include semantics and phonology. For 10 points, name these human systems of communication, of which there are around 6000 extant examples, including Portuguese and English.**

ANSWER: languages [prompt on grammars] <Social Science> <Jason Loy>/<ed. WG>

19. **This novel’s protagonist discovers a painting of a blinded woman guiding a lantern through a dark background. A character in this novel is nicknamed the Harlequin due to his patchwork suit, and is a Russian trader whose mind was “enlarged” by the leader of the Eldorado (\*) expedition. A woman known only as the Intended mourns the death of a man in this novel who writes the note “Exterminate all the brutes!” for Marlowe. “The horror, the horror!” are the last words of Kurtz in, for 10 points, what novel by Joseph Conrad about an expedition up the Congo River?**

ANSWER: Heart of Darkness <British Literature> <Ganon Evans>/<ed. SB>

20. A congressman from this state released a digital-ad mimicking the Avengers to raise money for Republican candidates from this state. That man from this state appeared on SNL after Pete Davidson mocked his eyepatch. MJ Hegar is currently running for Senate in this home state of Dan Crenshaw. This state is home to former Democratic presidential candidates Julián Castro and Beto (\*) O'Rourke, the latter of whom narrowly lost against the runner-up in the 2016 Republican primaries. For 10 points, name this home state of Senator Ted Cruz, which Greg Abbot governs from its capital, Austin.

ANSWER: Texas <Current Events> <Arjun Nageswaran>/<ed. SB>

Tiebreaker. It's not the United Kingdom, but the throne of this country was offered to the Prussian Prince Leopold of Hohenzollern following its Glorious Revolution. In the 1846 Affair of its Marriages, England and France vied for the daughters of this country's "Felon King," Ferdinand VII. The death of the hideously inbred Charles II ended (\*) Hapsburg rule in this country, the site of the three Carlist Wars. Because its King Alfonso XIII became ill during it, the 1918 Influenza Pandemic was named after, for 10 points, what Iberian nation, ruled from Madrid?

ANSWER: Kingdom of Spain [or Reino de España] <European History> <Cooper Roh>/<ed. DS>

## Bonuses

1. Some adherents of this religion believe Haile Selassie to be the second coming of Christ. For 10 points each:

[10] Name this Jamaican religious and social movement. Smoking cannabis is a sacrament for followers of this religion, who wear their hair in dreadlocks and seek to limit the influence of “Babylon,” or western culture.

ANSWER: **Rastafari** Movement [or **Rastafarianism**]

[10] Another Caribbean religion is this group of faiths, practiced in Haiti, Cuba, the Dominican Republic, and Louisiana. Followers of this faith worship spirits called *loa* and believe in a supreme deity, Bondieu.

ANSWER: **voodoo** [or **vodú**; or **vodun**]

[10] Voodoo is an example of this kind of belief system, a combination of two or more existing religions. Voodoo is an example of this kind of religion as it contains elements of both Catholicism and Yoruba beliefs.

ANSWER: **syncretism** [or word equivalents like **syncretic**] <Religion> <Jason Loy>/<ed. LW>

2. The second most widely read book in Europe in the 1400’s after the Bible, Heinrich Kramer’s *Malleus Maleficarum*, was a treatise on these people. For 10 points each:

[10] Name these people. Because these people were believed to have not been baptized, they were believed to float if bound and thrown in water.

ANSWER: **witches** [prompt on women; prompt on descriptive answers indicating someone using magic]

[10] In 1615, this scientist defended his mother for 6 years in a witchcraft trial. This astronomer had earlier defied Church doctrine by claiming that the planets move in ellipses, not circles, as the first in his three laws of planetary motion.

ANSWER: Johannes **Kepler**

[10] Witches were one of many supernatural blames for this 14th century pandemic, which killed one-third of Europe’s population. During this pandemic, Jews were falsely believed to be poisoning wells to spread disease, which was false.

ANSWER: the **Black Death** [or the Great **Bubonic Plague**; the **Pestilence**; the **Great Mortality**; prompt on the plague alone] <European History> <Ganon Evans>/<ed. DS>

3. This figure’s feats of strength include diverting two rivers to clean out the stables of Augeas and capturing the Erymanthian Boar. For 10 points each:

[10] Name this son of Zeus and Alcmene who was assigned twelve labors to atone for the killing of his family.

ANSWER: **Heracles** [or **Hercules**]

[10] This king of Tiryns and cousin of Heracles assigned Heracles’ twelve labors. Hera delayed Heracles’ birth so this man could inherit his kingdom.

ANSWER: **Eurystheus**

[10] Heracles’ killing of this monster was invalidated by Eurystheus because his nephew cauterized its nine heads after Heracles cut them off, preventing more from growing.

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

4. The protagonist of this short story takes his dog Wolf into the mountains and meets the ghosts of Henry Hudson's crew playing ninepins. For 10 points each:

[10] Name this story in which the title character falls asleep for twenty years in the Catskills region of New York, missing the American Revolution in the process.

ANSWER: "**Rip van Winkle**"

[10] This American author of "The Legend of Sleepy Hollow" wrote "Rip van Winkle" under the pseudonym Geoffrey Crayon.

ANSWER: Washington **Irving**

[10] Irving served as US minister to this European country under Tyler and Polk. Irving wrote *Tales of the Alhambra* after a visit to this country.

ANSWER: **Spain** [or Kingdom of **Spain**; or Reino de **Espana**] <American Literature> <Jason Loy>/<ed. SB>

5. This geological period is associated with a replacement of the Ediacaran biota with a substantial increase in the biodiversity of flora and fauna. For 10 points each:

[10] Name this geological period, during which a namesake "explosion" occurred.

ANSWER: **Cambrian** period [accept **Cambrian** explosion]

[10] Andrew Parker's "Light Switch" theory claims that development of these organs led to better sight and improved predation, facilitating the Cambrian explosion. These organs are responsible for vision.

ANSWER: **eyes** [prompt on retinas]

[10] This formation in the Canadian Rockies is famous for its preservation of Cambrian remains. It was first studied by Charles Walcott.

ANSWER: **Burgess** Shale formation <Earth Science> <Vishal Kanigicherla>/<ed. AK>

6. In the 2016 film *Don't Breathe*, three house burglars become trapped in the Detroit house of a Gulf War veteran with this condition. For 10 points each:

[10] Name this condition. Characters in the 2018 film *Bird Box* impose this condition onto themselves in order to avoid mysterious monsters which drive people to commit suicide.

ANSWER: **blindness** [accept word forms such as being **blind**; accept descriptive answers such as **not being able to see** or being **blind**folded]

[10] This man produced a film in which the title woman continually loses her eyesight while investigating the murder of her sister titled *Julia's Eyes*. This man won Best Director at the 2018 Academy Awards for his film *The Shape of Water*.

ANSWER: Guillermo **del Toro**

[10] In del Toro's film *Pan's Labyrinth*, Ofelia encounters the child-eating Pale Man, who picks up and attaches his eyeballs to this body part.

ANSWER: **hands** [accept specific answers such as the **palm**s of his hands] <Popular Culture> <Ganon Evans>/<ed. SB>

7. In this novel, Goodwill guards the entrance to the King's Highway at the Wicket Gate, and saves Christian from Bezelbub's archers. For 10 points each:

[10] Name this John Bunyan work, considered the first British novel, in which the narrator dreams of Christian's journey to the Celestial City.

ANSWER: The *Pilgrim's Progress* from This World, to That Which Is to Come

[10] *The Pilgrim's Progress* is one of these metaphorical stories, in which characters stand in for larger messages. For instance, Aslan representing Jesus Christ in C.S. Lewis' *The Chronicles of Narnia* is an example of this type of story.

ANSWER: allegory [accept word forms like allegorical]

[10] In *The Pilgrim's Progress*, Christian and Faithful are detained in this location for denying Bezelbub's lust. In a novel titled for this place, Becky Sharp marries Rawdon Crawley after George Osborne dies at Waterloo.

ANSWER: Vanity Fair <British Literature> <Ganon Evans>/<ed. SB>

8. Henri Rivière mimicked a series of woodblock prints from this country in his *Thirty-Six Views of the Eiffel Tower*. For 10 points each:

[10] Name this country, where native artist Katsushika Hokusai ["cat-soo-she-ka hoe-coo-sigh"] carved a boat traveling under the title *Great Wave off Kanagawa*.

ANSWER: Japan [or Nippon; or Nihon]

[10] American Impressionist Mary Cassatt modeled her portraits off this style of Japanese prints. This style translates roughly to "pictures of the floating world."

ANSWER: ukiyo-e

[10] Hokusai's *The Great Wave off Kanagawa* is part of his series of *Thirty-Six Views* of this highest mountain in Japan.

ANSWER: Mount Fuji [or *Thirty-Six Views of Mount Fuji*] <Visual Fine Arts> <Ganon Evans>/<ed. JO>

9. Answer the following about Spanish colonization in what is now the United States, for 10 points each:

[10] A series of 21 of these religious buildings were constructed by Junípero Serra in what is now California and connected by the Camino Real. Native Americans were forced to live in reductions surrounding these buildings, threatening their traditional way of life.

ANSWER: missions

[10] An earlier Spanish presence in what is now the Southwest was in this city, which was abandoned for a dozen years after a successful revolt by the Pueblo peoples. This capital of New Mexico is the oldest state capital in the U.S.

ANSWER: Sante Fe

[10] The first Spanish presence in what is now the United States was in this state's city of St. Augustine. The Adams-Onís Treaty ceded this state to the U.S in 1819 after Andrew Jackson illegally invaded it.

ANSWER: Florida <Miscellaneous History> <Doug Simons>/<ed. DS>



10. These constructs usually have a two-lobed “dumbbell” shape, and boron is the lightest element that has them. For 10 points each:

[10] Name this type of atomic orbital, three of which are found in a neon atom. In a given energy level, these orbitals can hold up to six electrons.

ANSWER: **p** orbitals

[10] The p orbitals in diatomic chlorine overlap when forming this kind of bond in which atoms share electrons. Most of these bonds form between two nonmetal atoms.

ANSWER: **covalent** chemical bonds

[10] When orbitals of different types form covalent bonds, they undergo this process, where they assume some properties of the other type of orbital. Atoms with the sp<sup>3</sup> type of this property form tetrahedral structures.

ANSWER: **hybridization** [or sp<sup>3</sup> **hybridization**] <Chemistry> <Jason Loy>/<ed. AK>

11. A movement of this piece uses augmented second intervals to represent the two title Jewish people, Samuel Goldenberg and Schmuyle. For 10 points each:

[10] Name this Modest Mussorgsky suite, based on paintings of Viktor Hartmann. It contains such movements as *The Great Gate of Kiev*.

ANSWER: ***Pictures at an Exhibition***

[10] This is the name given to the recurring theme that represents the composer walking from picture to picture. Its theme eventually finds its way into other sections, like *The Great Gate of Kiev*.

ANSWER: **Promenade**

[10] Mussorgsky was a member of a Russian group of this many composers called the “Mighty Handful.” This is the number of instruments in a wind quintet.

ANSWER: **Five** [or the Mighty **Five**] <Auditory FA> <Aadi Karthik>/<ed. WG>

12. OPEC refused to export this commodity to countries who had supported Israel in the Yom Kippur War. For 10 points each:

[10] Name this commodity, whose price quadrupled as a result of a 1973 “shock” and resulted in extremely long lines at gas stations.

ANSWER: **oil** [or **petroleum**]

[10] A second oil shock occurred in 1979, partially due to this country’s regime change and a subsequent war with Iraq. Shah Mohammed Reza Pahlavi was deposed as leader of this country by the Ayatollah Khomeini.

ANSWER: Islamic Republic of **Iran** [or Jomhuri-ye Eslami-ye **Iran**]

[10] This US President stopped oil imports from Iran in 1979 after six American hostages were taken. This Democratic President lost reelection to Ronald Reagan in the following year.

ANSWER: Jimmy **Carter** [or James Earl **Carter**] <World History> <Jason Loy>/<ed. DS>

13. The title character of this work is bought by Augustine, and later befriends Eva St. Clare. For 10 points each:

[10] Name this antislavery novel in which the title slave is beaten to death by Simon Legree. Eliza escapes across the frozen Ohio River after learning her son will be sold in this novel.

ANSWER: ***Uncle Tom’s Cabin; or, Life Among the Lowly***

[10] This woman wrote *Uncle Tom’s Cabin*. Works intended to discredit this woman’s abolitionist views include Mary Henderson Eastman’s *Aunt Phillis’s Cabin*.

ANSWER: Harriet Beecher **Stowe**

[10] Another popular antislavery narrative is Solomon Northup’s autobiography, which documents *this many years* that he was a slave. The 2013 film adaptation of the memoir won the Oscar for Best Picture.

ANSWER: **twelve** [or *Twelve Years a Slave*] <American Literature> <Jason Loy>/<ed. SB>

14. London and Tisza suggested a two-fluid model to describe these substances. For 10 points each:  
[10] Name these substances. In the fountain effect, these substances form Rollin films, which can flow up the sides of their containers.

ANSWER: **superfluids**

[10] Superfluids have a value of zero for this quantity, a fluid's resistance to flow. A Newtonian fluid has a constant value for this quantity.

ANSWER: **viscosity**

[10] An isotope of this element forms a superfluid when it is cooled below the lambda point. That isotope's nucleus is an alpha particle, and contains two protons and two neutrons.

ANSWER: **helium** [or **He**] <Physics> <Aadi Karthik>

15. The English county of Yorkshire is famous for a traditional dance featuring "long" variants of these objects. For 10 points each:

[10] Name these objects, which are often used as props in some variants of Morris dance throughout the United Kingdom. Dancers may perform with wooden replicas of these objects to avoid injury.

ANSWER: **swords** [or **longswords**]

[10] Sword dancing remains a popular form in this constituent country of the United Kingdom, whose traditional dances also include Ceilidh and Highland dancing.

ANSWER: **Scotland** [or **Elba**]

[10] Highland dancing competitions dominate the famous Highland Games, where male participants in the dance are required to wear this traditional piece of Scottish clothing, akin to a skirt.

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

16. This English thinker is considered to have been one of the founders of modern political philosophy. For 10 points each:

[10] Name this thinker and social contract theorist, who described life without central government as a "war of all against all" in his most famous book.

ANSWER: Thomas **Hobbes**

[10] This work by Hobbes with a biblical title argues for social contract theory and describes life in the state of nature as "nasty, brutish, and short."

ANSWER: **Leviathan**

[10] This other English thinker also provided much of the foundation for modern political thought. He posited the idea of the *tabula rasa* and wrote *An Essay Concerning Human Understanding*.

ANSWER: John **Locke** <Philosophy> <William Grossman>

17. Though many believe that rabbits and hares are the same, they are actually distinct species. Answer the following about their differences. For 10 points each:

[10] While hares tend to live in nests in small depressions in the ground, rabbits live in these networks of underground passages.

ANSWER: **warrens**

[10] Hares are born with this feature, while rabbits are not. This feature, characteristic of mammals, consists of keratin filaments emanating from pores in the skin, and in humans, can be found on the head.

ANSWER: **hair** [or **fur**]

[10] Hares also tend to have larger examples of these structures than rabbits. These structures have outer, inner, and middle sections, the latter of which contains the tympanic membrane.

ANSWER: **ears** <Biology> <Vishal Kanigicherla>/<ed. AK>

18. One account of this incident asserts that Black Coyote's inability to hear orders for him to put down his rifle led to an attack on his side. For 10 points each:

[10] Name this incident, prompted by the murder of Sitting Bull, in which nearly 300 Hunkpapa and Minniconjou Lakota were killed by US forces under James Forsyth.

ANSWER: **Wounded Knee** Massacre

[10] The Wounded Knee Massacre took place in this present-day US state near the Pine Ridge Reservation. This state also contains most of the Black Hills.

ANSWER: **South Dakota**

[10] Tensions between the Lakota and the US government were high partly because of this religious movement led by Wovoka. This movement's namesake ritual was believed to awaken spirits to fight.

ANSWER: **Ghost Dance** of 1890 <American History> <Jason Loy>/<ed. DS>

19. This river passes through the most national capitals of any river, including Vienna and Budapest. For 10 points each:

[10] Name this second-longest river in Europe, behind the Volga. The Vucedol culture, which created the first known calendar in Europe, was based along the banks of this river.

ANSWER: **Danube** River [or the **Donau** River; or the **Dunarea**; or **Dunaj**; or **Dunav**; or **Dunay**]

[10] Another national capital on the Danube is Bratislava, the capital and largest city of this country. This country gained independence in 1993 with the so-called Velvet Divorce.

ANSWER: **Slovakia** [or the **Slovak** Republic; or the **Slovak** Socialist Republic; or **Slovenska** Republika; or **Slovensko**]

[10] The Danube flows into this colorfully named sea in Romania. The Crimean Peninsula separates the Sea of Azov from this sea. The Bosphorus, across which Istanbul lies, separates this sea from the Sea of Marmara.

ANSWER: **Black** Sea [or **Chernoye** More; or **Chorne** More; or **Karadeniz**; or Marea **Neagra**] <Geography> <Jason Loy>/<ed. WG>

20. While on a walk with his assistant Wagner ["vog-nur"], this character is followed home by a poodle, who transforms into Mephistopheles. For 10 points each:

[10] Name this character from German legend who sells his soul to Mephistopheles in exchange for the ability to learn all human knowledge. He regrets his decision when he falls in love with Gretchen.

ANSWER: **Faustus**

[10] This author of *The Sorrows of Young Werther* and prominent figure of the Sturm und Drang movement wrote *Faust*.

ANSWER: Johann Wolfgang von **Goethe** ["gurr-tuh"]

[10] Mikhail Bulgakov's *The Master and Margarita* assigns the role of Mephistopheles to Behemoth, who is this kind of animal traditionally thought to bring bad luck.

ANSWER: **cat** <European/World Literature> <Jason Loy>/<ed. JO>