

2020-2021 MOQBA Novice

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Packet 6

Tossups

1. The *djed* pillar is a symbol of this deity, whose body it contained according to one myth. This god is the eldest son of Geb and Nut, and his green and black skin represented the mud caused by the floods of the Nile. This god, the father of Anubis by a disguised Nephthys, was called “The Foremost of the Westerners” in his role as judge of the (\*) dead. After this god’s brother Set cut his body into fourteen pieces, his wife and son reassembled it. For 10 points, name this Egyptian god, the husband of Isis.

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

2. The creation of a hexafluoroplatinate of an element in this group contradicted previous bonding theories for that element. An element in this group has the lowest melting point and lowest boiling point of any element. Deep-sea divers use a combination of oxygen and this group’s lightest element, the (\*) second-most abundant in the universe, at extreme depths. Elements in this group have full valence shells, so they are generally unreactive. For 10 points, name this group of elements, the rightmost on the periodic table, that includes argon, neon, and helium.

ANSWER: noble gases [or inert gases or Group 18] <Chemistry> <Jason Loy>/<ed. AK>

3. The Armistice of Focșani withdrew this nation from World War I, and the US Army Air Forces bombed this nation’s Ploiești oil refineries in Operation Tidal Wave. The Iron Guard served this country’s Conducător [“Kon-du-ka-tor”], Ion Antonescu, who was overthrown by King Michael during World War II. The July Theses were issued by a dictator of this nation, who was executed with his (\*) wife Elena on live television on Christmas, 1989. For 10 points, Nicolae Ceaușescu [“Chau-shes-cu”] ruled what Eastern European country from Bucharest?

ANSWER: Romania [or Rumania] <European History> <Cooper Roh>/<ed. DS>

4. Ashley Rosales is the primary model for this celebrity’s cosmetics line, which Rihanna accused of copying skin concealer from Fenty Beauty. A controversial Forbes cover called this celebrity the youngest “self-made billionaire.” Anastasia Karanikolaou [“on-uh-sta-sia care-in-ick-o-low”] replaced Jordyn Woods as this celebrity’s BFF. A picture of an (\*) egg surpassed this celebrity’s record for most liked Instagram photo, which was a picture of her and Travis Scott’s daughter Stormi. Kendall is the sister of, for 10 points, what youngest member of the Jenner family, who frequently partners with Kim, Kourtney, and Khloe Kardashian?

ANSWER: Kylie Jenner [prompt on Jenner alone] <Popular Culture> <Ganon Evans>/<ed. SB>

5. While exploring the beaches of Norfolk, the protagonists of one of this author's novels discover a boat like a "bleached skeleton," which reminds them of Hailsham. That novel by this author ends with Kathy listening to the title Judy Bridgewater song after Tommy completes his fourth "donation." While serving at Darlington (\*) Hall, this author's character Stevens takes a road trip to visit Miss Kenton and returns to mastering the art of "bartering" with Mr. Farraday. For 10 points, name this contemporary British author, who wrote of clones in *Never Let Me Go* and of a butler in *The Remains of the Day*.

ANSWER: Kazuo Ishiguro [or Ishiguro Kazuo] <British Literature> <Ganon Evans>

6. An index named for an "oscillation" in this body of water is based on a pressure difference between a "subtropical high" and "subpolar low." One region within this body of water, named for a brown seaweed, is the world's only sea with no land boundaries. That region, the (\*) Sargasso Sea, has its western boundary at a current that moves warm water across this ocean, the Gulf Stream. The mid-ocean ridge named for this ocean causes volcanic activity in Iceland. For 10 points, name this second-largest ocean, which separates Europe from North America.

ANSWER: Atlantic Ocean [accept North Atlantic Ocean or North Atlantic Oscillation, prompt on Sargasso Sea before mentioned] <Earth Science> <Aadi Karthik>

7. A story said to encapsulate central ideas of this thinker's belief system entails him hearing of a stable fire and asking "was anyone hurt?" without asking about the horses. This thinker believed that ceremonies known as "li" upheld all virtue, and this thinker espoused the (\*) "Silver Rule." This thinker posited the concept of *ren* and the "five relationships," which include filial piety. For 10 points, name this ancient Chinese philosopher whose teachings are compiled in *The Analects*.

ANSWER: Confucius [or Kongzi; or Kong Fuzi; or Kong Qiu; or Zhongni] <Philosophy> <William Grossman>

8. The protagonist of this novel is the only one of his colleagues to survive a plane crash on the way to Montreal, and seeing a barbershop quartet triggers that character's memories of the firebombing (\*) of Dresden. The protagonist of this novel is abducted by plunger-shaped Tralfamadorians, who experience four dimensions, including time, and respond to death with the phrase "so it goes." For 10 points, name this novel by Kurt Vonnegut about World War II veteran Billy Pilgrim becoming unstuck in time.

ANSWER: Slaughterhouse Five: or, *the Children's Crusade* <American Literature> <Jason Loy>/<ed. SB>

9. In 1970, the Weather Underground detonated a bomb on an original cast of a statue by this artist outside of the Cleveland Museum of Art. That statue by this artist was originally intended for the never-opened Museum of Decorative Arts in Paris. This man made that statue the centerpiece of a statue collection featuring *The* (\*) *Kiss* and *Ugolino and his Sons*. This man created a statue of a man who sits atop a rock and rests an open hand under his chin. For 10 points, name this French sculptor who included *The Thinker* in his group *The Gates of Hell*.

ANSWER: Auguste Rodin [or Francois-Auguste-Rene Rodin] <Visual Fine Arts> <Ganon Evans>/<ed. JO>

10. A 1733 trial in what is now this state acquitted Peter Zenger of libel in a decision which established the freedom of the press in North America. Ben Franklin created a cartoon for a 1754 conference held in this state's current capital entitled "Join or Die" to support a united colonial government. Aaron (\*) Burr, a senator from this state, used this state's Tammany Hall to help his election. George Washington was inaugurated president from Federal Hall in this state, which lies on a street named for the location of a wall around an earlier Dutch settlement. For 10 points, name this state, whose current capital is Albany.

ANSWER: New York <American History> <Doug Simons>/<ed. DS>

11. This city's Magonid dynasty produced the explorers Himilco and Hanno. The attritional Fabian strategy weakened one general from this city after his victory at Lake Trasimene, who nonetheless achieved a stunning double-envelopment at the Battle of Cannae. An ill-fated affair between a princess of this city and (\*) Aeneas foreshadowed the three wars that destroyed this city. Dido legendarily led, for 10 points, what city, founded by Phoenician traders in Tunisia, that employed the general Hannibal Barca in the Second Punic War against Rome?

ANSWER: Carthage [or Carthago] <Miscellaneous History> <Cooper Roh>/<ed. DS>

12. This man's "first law" states that objects uninfluenced by forces move along geodesic curves. Inertial and gravitational mass equal each other according to this scientist's equivalence principle. The metric tensor and cosmological constant appear in a set of field equations developed by this scientist to describe (\*) gravity. Gravitational lensing is a consequence of a theory of this scientist that defines gravity as the result of curvature of spacetime. For 10 points, name this scientist, who developed "general" and "special" theories of relativity.

ANSWER: Albert Einstein <Physics> <Lalit Maharjan>/<ed. AK>

13. This city's final annexation of territories on its outskirts in 1860 created 20 clockwise municipal boroughs. Many couples write their names on locks attached to bridges in this city in a practice known as "love locks." In addition to its 20 (\*) *arrondissements*, this city's Latin Quarter is home to The Sorbonne. This city is home to a monument commemorating the Battle of Austerlitz, known as the Arc de Triomphe. For 10 points, name this French city on the Seine River, home to the Eiffel Tower.

ANSWER: Paris, France <Geography> <William Grossman>

14. The best known literary work based on this man fails to mention Israel Bissell, and a Helen Moore poem parodies that work from the perspective of William Dawes. The principal historical event involving this person is the backdrop for Esther Forbes' novel *Johnny Tremain*, (\*) with whom the title character shares a profession. The narrator of a poem about this man exhorts, "Listen my children, and you will hear" of the deeds of this character. For 10 points, name this man, the subject of a Henry Wadsworth Longfellow poem about his "midnight ride."

ANSWER: Paul Revere <American Literature> <Jason Loy>/<ed. SB>

15. Two manuscripts consisting mostly of keyboard music were created by this composer for his second wife, Anna Magdalena. Those "notebooks" contained the first five of this composer's "French" suites. This man composed two sets of preludes and fugues in all 24 major and minor keys, with the first pair in C major in a work that takes its name from a (\*) generic term for a variety of keyboard instruments, including harpsichord and clavichord. For 10 points, name this German baroque composer of *The Well-Tempered Clavier*.

ANSWER: Johann Sebastian Bach [or J.S. Bach] <Auditory FA> <William Grossman>

16. **One method of determining the structure of this molecule involves randomly fragmenting this molecule, then applying the Sanger method to each fragment; that method, developed by J. Craig Venter, is the shotgun method. Copies of regions of this molecule are produced in (\*) polymerase chain reaction, which uses the fact that this molecule replicates semiconservatively. The Human Genome Project determined the order of the thymine, adenine, cytosine, and guanine in this macromolecule. For 10 points, name this double-helical macromolecule, which encodes a cell's genetic information.**

ANSWER: human **DNA** [or **deoxyribonucleic acid**, but do NOT accept or prompt on “RNA” or “ribonucleic acid”] <Biology> <Vishal Kanigicherla>/<ed. AK>

17. **The protagonist of this story moves to “a garret under a roof” from her apartment on the Rue des Martyrs and dismisses her Breton maid due to their financial situation. The husband of the protagonist of this story, who works at the Ministry of Public Instruction, gives his wife money that he had been saving to buy a gun so she could buy a dress. In this story, Madame (\*) Loisel realizes that she lost an item borrowed from Madame Forestier and replaces it for 36,000 francs. For 10 points, name this short story by Guy de Maupassant in which Mathilde realizes that the title piece of jewelry was a fake.**

ANSWER: “The **Necklace**” <European/World Literature> <Jason Loy>/<ed. JO>

18. **At the end of a year, priests of this religion burn wooden plaques called *ema* that contain wishes of practitioners. Reverence for the Seven Lucky Gods in this religion is evidence of Buddhist influence on this religion's practices. Historical justification for this religion's practices are found in the (\*) *Kojiki*. Shrines of this religion are made from a cypress wood called *hinoki*, and have characteristic gates called *torii*. Practitioners of this religion travel to Ise Jingu to worship Amaterasu, from whom an emperor is said to descend. For 10 points, name this traditional religion of Japan.**

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

19. **A trio of exotic dances in this ballet's second act representing chocolate, tea, and coffee has received scrutiny for its cultural insensitivity. This ballet's notable use of the celesta required its composer to smuggle one in from Germany. In this ballet, a little girl is able to use her slipper to ward off the nefarious Mouse King. In this ballet based on an (\*) E.T.A. Hoffman short story, Clara receives the title object from the mysterious Herr Drosselmeyer. For 10 points, name this Tchaikovsky ballet which features the Dance of the Sugar Plum Fairy, commonly performed during Christmas.**

ANSWER: *The **Nutcracker*** [or **Shchelkunchik**] <Other Fine Arts> <Max Shatan>/<ed. JO>

20. **This empire was divided into four provinces called *suyu*. The last ruler of this empire was captured after throwing a Bible to the ground before the Battle of Cajamarca. Knotted strings called *quipu* were used for accounting in this empire and carried by *chasqui* runners across its extensive road system. Francisco (\*) Pizarro ransomed the last ruler of this empire in exchange for a room filled with gold. Machu Picchu was built as a residence for a ruler of this empire. For 10 points, name this Pre-Columbian empire that dominated the Andes Mountains.**

ANSWER: **Incan** Empire [or **Tawantinsuyu**] <World History> <Doug Simons>/<ed. DS>

Tiebreaker. **As part of one of its country's largest building booms, this city became home to its nation's first steel-framed high-rise building in 1885, the Home Insurance Building. It's not New York, but the Canal Street railroad bridge sits on the namesake river of this city. This city's Museum of Science and Industry was built for an 1893 World's (\*) Fair exhibit known as the “White City.” This city's major business district is known as “The Loop.” The Willis Tower, formerly known as the Sears Tower, is in, for 10 points, what “Windy” midwestern American city on Lake Michigan?**

ANSWER: **Chicago**, Illinois <Geography> <William Grossman>

### Bonuses

1. Answer the following about a certain class of warship. For 10 points each:

[10] The Battle of Hampton Roads was the first historical example of a clash between this class of warships, examples of which include the *USS Monitor* and the *CSS Virginia*. Name this class of 19th century ships, themselves named for a metal in which they were covered.

ANSWER: ironclads

[10] An earlier example of an ironclad warship was this type of ship developed by Admiral Yi Sun-sin to resist a 16th century Japanese invasion of Korea. Named for the shape of the animal on its bow, these ships boasted cannons and a hull covered in spikes.

ANSWER: turtle ships

[10] Ironclads like the *USS Monitor* were used to enforce a blockade as part of the Anaconda Plan during this war. The Battle of Hampton Roads took place during this war.

ANSWER: American Civil War

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

2. Simon Stevin presented an argument involving a string of beads to compute the ideal mechanical advantage of one of these simple machines. For 10 points each:

[10] Name these simple machines, also called ramps. They basically consist of a sloped surface, and two of them make up a wedge.

ANSWER: inclined planes

[10] The ideal mechanical advantage of an inclined plane is equal to this function of the angle the plane makes with the ground.

ANSWER: tangent [do NOT accept or prompt on “arctangent,” “inverse tangent,” or “hyperbolic tangent”]

[10] This simple machine can be viewed as an inclined plane wrapped around a cylinder. The ideal mechanical advantage of this simple machine is two pi times its radius divided by its pitch.

ANSWER: screw <Physics> <Aadi Karthik>

3. This character stuns Freddy Eynsford-Hill when she shouts “not bloody likely!” in response to being asked for a walk in the Coventry Gardens. For 10 points each:

[10] Name this Cockney flower girl, who Professor Higgins attempts to teach “proper manners” in a bet with Colonel Pickering.

ANSWER: Eliza Doolittle [accept either underlined]

[10] Eliza appears in *Pygmalion*, a play by this Irish playwright who also wrote about the anarchist John Tanner confronting the conservative Ann Whitefield in *Man and Superman*.

ANSWER: George Bernard Shaw

[10] The oft-separately-performed Act Three of *Man and Superman* features the main characters having a conversation with this figure “in Hell.” An epic poem by Lord Byron mocking this figure is considered commentary on the decline of Spain.

ANSWER: Don Juan [or Don Giovanni, accept Juan Tenorio] <British Literature> <Ganon Evans>/<ed. SB>

4. President Trump announced he would block the downloading of video sharing app TikTok due to its connection with this country. For 10 points each:

[10] Name this large East Asian nation currently led by Xi Jinping, which has been engaged in an on-and-off trade war with the United States.

ANSWER: People's Republic of **China**

[10] In addition to banning TikTok, President Trump sought to ban downloads of this social media app. This app is usually used in the US by Chinese-Americans to stay in contact with family abroad.

ANSWER: **WeChat**

[10] Among the grievances the United States has with China is the state-sanctioned persecution of this ethnic group. These majority-Muslim people have been placed in re-education camps in Xinjiang Province.

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

5. Answer the following about the Greek underworld. For 10 points each:

[10] This Greek word is used to refer both to the realm of the dead and the brother of Zeus who rules that realm.

ANSWER: **Hades**

[10] The Judges of the Dead decided whether souls were to enter Hades or this location, a pit below the Earth, reserved for the most evil monsters and men. Sisyphus cheated death by trapping Thanatos in this place.

ANSWER: **Tartarus**

[10] This place is reserved for righteous mortals, and is more pleasant than Asphodel. Hesiod called this place "The Isle of the Blessed."

ANSWER: **Elysium** [or the **Elysian** Fields or the **Elysian** Plains] <Mythology> <Jason Loy>/<ed. LW>

6. People conscious of unconfessed mortal sin should not participate in this ritual. For 10 points each:

[10] Name this Christian sacrament that involves consuming a small piece of unleavened bread and a small cup of wine or grape juice.

ANSWER: **Communion** [or the **Eucharist**]

[10] This Catholic doctrine asserts that the Eucharist becomes the body and blood of Christ when consumed.

ANSWER: **transubstantiation**

[10] Paul quoted Jesus's command to take communion "in remembrance of me" in a letter to the Church in this city, whose congregants were known for their gluttony. Epistles to the church in this city are placed between those to Rome and Galatia in the New Testament.

ANSWER: **Corinth** [or **Corinthians**] <Religion> <Jason Loy>/<ed. LW>

7. This biome provides half of the world's net primary productivity due to its high volume of phytoplankton. For 10 points each:

[10] Name this biome. This biome is often split into layers, including the epipelagic zone, bathypelagic zone, and abyss.

ANSWER: **oceans** [prompt on seas or other synonyms]

[10] Primary productivity refers to the rate at which the lowest one of these levels produces chemical energy. Apex predators occupy the highest of these levels, which indicate position on a food chain.

ANSWER: **trophic** levels

[10] Many primary producers are in this kingdom. Organisms in this kingdom can be vascular or nonvascular, and include model organisms like *A. thaliana* and the organism that produces corn, *Z. mays*.

ANSWER: **plants** [or **plantae**] <Biology> <Vishal Kanigicherla>/<ed. AK>

8. A political cartoon showed this man carried on a chain by his campaign manager Mark Hanna. For 10 points each:

[10] Name this man who defeated William Jennings Bryan in the 1896 presidential election. The Spanish-American War occurred during his presidency, and he was assassinated by Leon Czolgosz in 1901.

ANSWER: William **McKinley**

[10] This man, chosen by McKinley as his vice president after Garrett Hobart's death, succeeded McKinley as President. He established the first national parks and the United States Forest Service.

ANSWER: **Theodore Roosevelt** [or **Teddy Roosevelt**; prompt on **Roosevelt**]

[10] McKinley campaigned on a currency standard tied to this commodity, a supply of which is held at Fort Knox. William Jennings Bryan opposed a currency standard based on just this metal.

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

9. Some composers seemed to have been a little hungry or thirsty when writing some of their works. Answer some questions about food and drink in music. For 10 points each:

[10] A "Champagne Aria" is found in this man's opera *Don Giovanni*, whose overture was famously written the night before the first performance. This man also wrote *Idomeneo*.

ANSWER: Wolfgang Amadeus **Mozart** [or Johann Chrysostom Wolfgang Amadeus **Mozart**]

[10] This eccentric French composer published seven pieces under the title *Three Pieces in the Shape of a Pear*, but may be better known for his *Gnossienes*.

ANSWER: Erik **Satie** [or Eric Alfred Leslie **Satie**]

[10] Another fruit-loving composer was this Russian composer, who wrote *The Love For Three Oranges*. He also wrote *Peter and the Wolf*.

ANSWER: Sergei **Prokofiev** [or Sergey Sergeyeovich **Prokofiev**; do NOT accept "Profokiev" or similar mispronunciations] <Auditory FA> <Aadi Karthik>/<ed. WG>

10. This book is the first in a trilogy that also includes *Dawn* and *Day*, and Moshe the Beadle warns the Jews of Sighet of their coming fate in it. For 10 points each:

[10] Name this memoir by Elie Wiesel that tells of his childhood, his internment with his father at Auschwitz and Buchenwald, and his rescue by the American army.

ANSWER: **Night**

[10] Another staple of Holocaust literature is this graphic novel by Art Spiegelmann, framed as an interview with the author's father. This graphic novel depicts Nazis as cats.

ANSWER: **Maus**

[10] Thomas Keneally wrote about this man's namesake "Ark", which told of his efforts to save thousands of Polish Jews. Steven Spielberg adopted the book into a film titled [*this man's*] *List*.

ANSWER: Oskar **Schindler** [or **Schindler's Ark**; or **Schindler's List**] <European/World Literature> <Jason Loy>/<ed. JO>

11. This element's namesake cycle includes steps such as ammonification and its namesake fixation, which can be catalyzed by lightning. For 10 points each:

[10] Name this gaseous element, the most abundant in the earth's atmosphere

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

[10] Each atom in diatomic nitrogen possesses one of these structures, represented in Lewis structures by two dots. Molecules such as ammonia whose central atom has one of these structures have a trigonal pyramidal molecular geometry.

ANSWER: **lone** electron **pairs**

[10] The only bond in diatomic nitrogen is of this type, which involves six electrons. This kind of bond consists of one sigma bond and two pi bonds.

ANSWER: **triple** covalent bond <Chemistry> <Jason Loy>/<ed. AK>

12. This city was once home to Aristotle's Lyceum and hosted the first modern day olympics. For 10 points each:

[10] Name this capital and largest city in Greece.

ANSWER: **Athens** [or **Athenai**; or **Athinai**]

[10] This U.S. state is also home to a city named Athens, the location of its flagship state university. This state's Chattahoochee River forms part of this state's border with Alabama.

ANSWER: **Georgia**

[10] This U.S. city is home to an unincorporated community known as Athens. Other neighborhoods in this city include Echo Park and Encino.

ANSWER: **Los Angeles** [or **L.A.**] <Geography> <William Grossman>

13. The Great Manmade River was constructed in this country, and the United States bombed this country in 1986's Operation El Dorado Canyon. For 10 points each:

[10] Name this north African country, a former Italian colony, governed by Muammar al-Gaddafi from 1969 to 2011. A plan to politically unify this country with neighboring Egypt was scrapped in 1972.

ANSWER: **Libya** [or The **Libyan** Republic; or Al-Jumhuriyyah al-**Libbiyah**]

[10] Gaddafi changed Libya's flag to a solid field of this color, which is also in the title of Gaddafi's official political philosophy manual. This color is also the background of the flag of Saudi Arabia.

ANSWER: **green** [or *The **Green** Book*]

[10] In the early 2000s, Gaddafi helped found this organization, the successor to the Organization of African States. Gaddafi was appointed head of this international organization in 2009.

ANSWER: **African Union** <World History> <Jason Loy><ed. DS>

14. In this man's most famous experiment, he had adults aggressively play with a bowling pin shaped toy. For 10 points each:

[10] Name this social learning theorist behind the Bobo doll experiment, who also wrote *Social Foundations of Thought and Action*.

ANSWER: Albert **Bandura**

[10] The purpose of the Bobo doll experiment was to determine if these people would behave more aggressively after seeing adults hit the doll. John Watson's "Little Albert" was one of these people.

ANSWER: **children** [or **kids**; or other equivalents]

[10] Social learning theory has been called a bridge between cognitive and behaviorist learning theories. One notable proponent of behaviorism was this American who coined the term operant conditioning.

ANSWER: B.F. **Skinner** [or Burrhus Frederic **Skinner**] <Social Science> <William Grossman>

15. The speaker of this poem observes that one of the paths between which he is choosing is "grassy and wanted wear" and muses that his choice "made all the difference." For 10 points each:

[10] Name this poem that describes the choice between the divergence of "two roads... in a yellow wood," commonly interpreted as a defense of individualism.

ANSWER: "The **Road Not Taken**"

[10] This poet of "Stopping by Woods on a Snowy Evening" and "Mending Wall" included "The Road Not Taken" in his collection *Mountain Interval*.

ANSWER: Robert **Frost**

[10] This poet introduced Frost's poetry to a European audience. This poet of the *Cantos* also produced pro-Fascist radio broadcasts for Italy during World War II.

ANSWER: Ezra **Pound** <American Literature> <Jason Loy>/<ed. SB>



16. One of these animals smoking a cigar passes an Ace of Clubs to another in the 1903 painting *A Friend in Need*. For 10 points each:

[10] Name these animals who appear playing poker in a series of paintings by Cassius Marcellus Coolidge meant for cigar boxes.

ANSWER: **dogs** [or synonyms like **hounds** or **canines**; or *canis lupus familiaris*]

[10] After suffering a mental breakdown, this Norwegian painter frequently painted dogs in his final years. This artist depicted a horrified man making the title noise in 1893's *The Scream*.

ANSWER: Edvard **Munch** ["MOONK"]

[10] A strange ladder ascends towards this object in a 1926 Joan Miró of a *Dog Barking at this object*.

ANSWER: the **Moon** [or *Dog Barking at the Moon*; or Earth's **Moon**] <Visual Fine Arts> <Ganon Evans>/<ed. JO>

17. In a novel written in this language, the Sikh soldier Kip disarms a piano bomb before the nurse Hana could play it for the heavily bandaged title character. For 10 points each:

[10] Name this language used by Michael Ondaatje. Many Indian authors including Arundhati Roy, the author of *The God of Small Things*, write in this language.

ANSWER: **English**

[10] Roy and Ondaatje are both winners of this annual award for the best work of fiction written in the English language. Margaret Atwood and Bernardine Evaristo split this award in 2019.

ANSWER: Man **Booker** Prize [or **Booker** Prize for Fiction, accept **Booker-McConnell** Prize]

[10] This Trinidadian author included Santosh acquiring American citizenship in the chapter "One out of Many" of the Booker-winning collection *In a Free State*. This author characterized post-independence tyranny in Africa as "the Big Man" in *A Bend in the River*.

ANSWER: V.S. **Naipaul** [or Vidiadhar Surajprasad **Naipaul** or Vadia **Naipaul**] <British Literature> <Ganon Evans>/<ed. SB>

18. In 1099, Valencian soldiers scared away Almoravid invaders by placing this leader's body on his horse Baveca, making it appear he had returned from the dead. For 10 points each:

[10] Name this legendary Spanish warrior, a mercenary who fought on behalf of the Emir of Zaragoza against King Alfonso XI of Castile before claiming Valencia as his own.

ANSWER: El **Cid** [or Rodrigo **Díaz de Vivar**; prompt on **Díaz** alone; or El **Campeador** or the **Champion**, or Le **Cid**]

[10] El Cid fought during this period of Spanish history, which consisted of Christian monarchs defeating Muslim rulers of Andalusia. This period began with an Umayyad defeat at the Battle of Covadonga.

ANSWER: La **Reconquista** [prompt on **reconquest**]

[10] The Reconquista ended when this couple, dubbed the Catholic Monarchs, conquered the stronghold of Granada. These monarchs commissioned Christopher Columbus' expedition to find a trade route to India.

ANSWER: Queen **Isabella** I of Castile AND King **Ferdinand** II of Aragon [prompt on partial answers] <European History> <Ganon Evans>/<ed. DS>

19. When Google attempted to buy Nortel in 2011, some of its bids were rather strange. For 10 points each:

[10] One of its bids was based on Brun's constant, which is the sum of the reciprocals of these numbers. It has not been proved that there are infinitely many of these pairs of primes that are separated by 2.

ANSWER: **twin** primes

[10] Another bid was based on the Meissel-Mertens constant, which is defined similarly to this constant, denoted gamma. It is the limit of the difference between the harmonic series and the natural logarithm.

ANSWER: **Euler-Mascheroni** constant [do not accept or prompt on "Euler's constant" or "Euler's number"]

[10] Google's last bid was based on pi, which is present in the probability density function for this distribution. The 68-95-99.7 rule applies to this distribution.

ANSWER: **normal** distribution [or **Gaussian** distribution] <Math> <Aadi Karthik>/<ed. CT>

20. Boo! If that didn't scare you, this bonus about haunted houses in video games will. For 10 points each:

[10] This green-wearing character uses Dr. E. Gadd's Poltergust 3000 to rescue his brother Mario in a series of Nintendo games titled after his *Mansion*.

ANSWER: **Luigi** [or **Luigi's Mansion**]

[10] Players trick-or-treat at a haunted mansion in the Curse of Dreadbear DLC for this series' VR title *Help Wanted*. In this game series, the player survives as a night guard in a pizzeria populated by walking animatronics like Bonnie, Chica, and Foxy.

ANSWER: **Five Nights at Freddy's** [accept **FNAF** ["fin-naff"]; accept **Five Night's at Freddy's: Help Wanted**]

[10] In *Skyrim*, the player can join this faction after being kidnapped by Astrid and killing one of three hostages in an abandoned shack. This cult of assassins carries out contracts the Listener hears from the Night Mother. Praise Sithis!

ANSWER: the **Dark Brotherhood** [prompt on the **Brotherhood** alone] <Popular Culture> <Ganon Evans>/<ed. SB>