

## **Prison Bowl XIII: XIII Is Unlucky for a Reason**

Head edited by Rachel Yang. Vice head edited by Asher Jaffe. Section edited by Benjamin Chapman, Asher Jaffe, Ella Leeds, Pedro Juan Orduz, Cerulean Ozarow, Rachel Yang. Written by the Hunter College High School team (Asher Jaffe, Rachel Yang, Benjamin Chapman, Pedro Juan Orduz, Cerulean Ozarow, Ella Leeds, Aruna Das, Amanda Li, Alex Mazansky, Lindsey Shih, Daniel Shneider, Nicholas Wu, Andrew Zeng, Jacob Hardin-Bernhardt, Moxie Strom, Eamin Ahmed, Brian Chan, Ayan Kohli, Matthew Kohn, Maggie Kwan). Special thanks to Dr. Mike Cheyne, Robert Condron, Jordan Davidsen, Chloe Levine, Josh Rollin, and Conor Thompson for playtesting.

### **PACKET THREE**

#### **Tossups:**

1.

**Methyl red dye is part of a class of dyes named for containing this element, and DMPO contains a bond between this element and oxygen. Toluidine contains one atom of this element, and this element can form a chemical with boron called borazine, the basis of boron-this element chemistry. Two atoms of this element are in a molecule of the rocket fuel (\*) hydrazine. It's not hydrogen, but one atom of this element is present in the final product of the Ostwald ("OST-vald") process, and it is the lightest element to form hydrogen bonds. For 10 points, name this element with atomic number 7 that makes up 78% of the atmosphere.**

ANSWER: **nitrogen** [accept **N**] <AJ>

2.

**In this work, one character gets engaged to Aggie Wainwright while living in a boxcar. Grampa is drugged by his family to make him leave with them in this work, and Ivy and Sairy let him sleep in their tent before he has a stroke and dies. The central family of this novel leaves two dogs with (\*) Muley Graves, who refuses to leave his land with them. At the end of this novel, a starving old man is breastfed by Rose of Sharon, who is abandoned by her husband Connie Rivers. Tom uses a pickaxe to avenge the death of preacher Jim Casy in, for 10 points, what novel about the Joad family's migration to California by John Steinbeck?**

ANSWER: *The **Grapes of Wrath*** <RY>

3.

**In one film directed by this man, an android played by Robert Duvall escapes a repressive, dystopian society; that film is *THX* ("T-H-X") *1138*, which would later name a sound company run by this man. In one film directed by this man, a group of teenagers spend a night driving around Modesto, California; that film is (\*) *American Graffiti*. The sale of this man's production company in 2012 prompted fears of the "Disneyfication" of its main franchise. This man's partnership with Steven Spielberg was the genesis for the *Indiana Jones* series. For 10 points, name this director and creator of *Star Wars*.**

ANSWER: George **Lucas** <PO>

4.

**Pasteur Bizimungu was the figurehead leader of this country until 2000. Roméo Dallaire attempted to gather international support for an intervention in this country. After World War I, this modern-day country and its southern neighbor were given to Belgium. Paul (\*) Rusesabagina saved more than one thousand people in this country. Thousand Hills Radio spread racial hatred in this country after Juvénal Habyarimana's death in a plane crash. For 10 points, name this central African country whose Hutu people committed a genocide against the Tutsi in the 1990s.**

ANSWER: u **Rwanda** [accept Republic of **Rwanda**, Repubulika y'u **Rwanda**, Jamhuri ya **Rwanda**, République du **Rwanda**] <AJ>

5.

**This man won one thousand euros in a poetry contest for writing a poem about Recep Tayyip Erdoğan** (“redge-EP tuh-YEEP AIR-duh-wahn”) **having sex with a goat. This man awarded his alleged mistress Jennifer Arcuri’s startup multiple public contracts. In June 2019, this man refused to debate Foreign Secretary Jeremy Hunt, and this man was followed by (\*) Sadiq Khan as mayor of London. After Theresa May resigned, this man was elected Conservative party leader, and in December 2019, this man’s party won a massive victory over Labour. For 10 points, name this current Prime Minister of the United Kingdom.**

ANSWER: (Alexander) Boris (de Pfeffel) **Johnson** <BC>

6.

**Some practitioners of this faith believe that nuclear war will destroy Babylon. A sacred text of this religion begins with four chapters called Athlyi (“ATH-lee-EYE”) and is called the Holy Piby (“PIE-bee”). The practices of this religion are referred to as livity, and its dietary practices are called (\*) ital (“EYE-tall”). Practitioners of this faith are divided up into several “mansions,” such as Nyahbinghi (“nya-BING-ee”), the Twelve Tribes of Israel, and the Bobo Ashanti. Those not part of this religion are called “baldheads.” Holy figures in this religion include Marcus Garvey and Haile Selassie (“HIGH-luh seh-LASS-ee”). For 10 points, name this religion most commonly practiced in Jamaica.**

ANSWER: **Rastafarianism** <AJ>

7.

*Note to Moderator: emphasize “out” and “from” in the 4th line.*

**The Romans built gold mines in this region at Dolaucothi after defeating the Silures (“sih-LOO-rays”) and Ordovices (“OR-duh-WEE-kays”). The remnants of Roman forces in this region became the ruling class of the kingdom of Gwent. Tacitus wrote of the bloodthirsty practices of priests in this region’s island of (\*) Anglesey. Offa’s Dyke was built to keep out people from this region. William the Conqueror encouraged the Marcher Lords to take over this region, which had recently united under Gruffydd ap Llywelyn (“gree-futh app theh-weh-lun”). For 10 points, name this constituent country of the United Kingdom whose flag features a red dragon.**

ANSWER: **Wales** [accept **Cymru**; prompt on **Britain** until “out”] <AJ>

8.

**In 2012, an experiment that paired this particle with a muon gave a much lower than expected value for its radius. The delta-plus baryon is identical to this particle except that its spin is one greater, and the delta plus-plus baryon decays to a pion and this particle. In 2015, the lower bound for this particle’s half-life was determined to be 1.67 times 10 to the 34 years. These particles make up 90% of (\*) cosmic rays. Two up quarks and one down quark make up one of these particles. Z denotes the number of these particles in an atom, which is the atomic number. For 10 points, name these positively-charged particles that compose the nucleus.**

ANSWER: **proton** <BC>

9.

*Note to moderator: “egoistic” in line four is not “egotistic”*

**Albert Camus (“al-bear ca-moo”) discussed a type of this action in the works of Fyodor Dostoyevsky and described Edmund Husserl’s focus on Platonic philosophy as a type of this action. This action is described as “the one true philosophical problem” in *The (\*) Myth of Sisyphus*. Émile Durkheim categorized this action’s varieties as egoistic, anomic, altruistic, and fatalistic in a work titled for this action, which also discussed its differing rates of prevalence between Catholics and Protestants. For 10 points, name this action which many philosophers argue should be legalized in its medically assisted form.**

ANSWER: committing **suicide** [accept equivalents like **killing oneself**; accept philosophical **suicide**; prompt on **dying** or **death**] <AJ>

10.

**A girl in this work interrupts a clergyman reading a book of Fordyce's sermons with gossip about soldiers, angering him. The protagonist of this work is warned about a man who previously embarrassed Georgiana by her aunt Mrs. Gardiner. In this novel, which features the estates Longbourn and Netherfield Park, a man subservient to Lady (\*) Catherine de Bourgh marries Charlotte Lucas; that man is Mr. Collins. In this novel, George Wickham agrees to marry Lydia after a bribe from a man who also briefly prevented the romance of Jane and Mr. Bingley. For 10 points, name this book by Jane Austen in which Mr. Darcy marries Elizabeth Bennet.**

ANSWER: *Pride and Prejudice* <CO/R>

11.

**The Wilson-Gorman Tariff, passed during this man's presidency, enacted the first-ever peacetime income tax. The Dawes Severalty Act removed land rights from Indian tribes under this man. This man was attacked in the "Rum, Romanism, and Rebellion" speech, which swung Catholic voters to his side, and in that election, he was helped by the support of reformist, anti-corruption (\*) "Mugwumps." This target of the "Ma, Ma, where's my Pa?" chant defeated James G. Blaine in one election, and he crushed the Pullman strike during the Panic of 1893. For 10 points, name this only man to serve nonconsecutive terms as President.**

ANSWER: (Stephen) Grover Cleveland <PO>

12.

**This geologist was supported by Charles Lyell while presenting his theory that South America was rising. This man, who first identified *Megatherium* fossils, wrote in his *Red Book* about his observations of rheas. Despite referring to Fuegians as "savages," this scientist remained convinced that all humans had a (\*) common origin. This man developed his most famous theory after comparing animal husbandry with the work of Thomas Malthus, and published that theory along with Alfred Wallace. That theory was developed after observing beak structures in finches. For 10 points, name this British naturalist who wrote *On the Origin of Species*.**

ANSWER: Charles (Robert) Darwin <AJ>

13.

**An A minor piano piece by this composer consists of the right hand playing figures such as [read slowly] B A G-sharp A C and D C B C E while the left hand plays A minor. The beginning of the scherzo to Beethoven's 5th symphony is based off of a figure played in a symphony by this composer; that G minor symphony by this composer opens with the violins playing (\*) E-flat D D. This composer of the "Great" and "Little" G minor symphonies wrote a serenade for strings whose name is often translated literally as "a little night music." For 10 points each, name this Austrian composer of *Eine Kleine Nachtmusik*, the "Rondo alla Turca," and the Jupiter symphony.**

ANSWER: Wolfgang Amadeus Mozart <PO>

14.

**In one work by this author, a sick soldier hears the dogs Scipio and Berganza talking about their lives using human speech. A woman in another of this author's works laces a quince with what she thinks is a love potion, but instead causes Tomás to believe his body is made of glass after he eats it. This author of *Exemplary* (\*) *Novels* wrote a novel in which Don Fernando falls in love with Lucinda after reading his friend Cardenio's love poetry about Lucinda. The title character of that work renames a farmgirl Dulcinea, and tilts at windmills with his squire Sancho Panza. For 10 points, name this Spanish author of *Don Quixote*.**

ANSWER: Miguel de Cervantes <RY>

15.

**This deity's future consort pretended to be a distressed cuckoo and exploited this deity's kindness towards the bird. This deity turned Galanthis into a weasel for preventing Eileithyia, the goddess of childbirth, from tying Alcmene's legs, and the (\*) Milky Way was created after this goddess pulled her breast away from the feeding Heracles. This goddess was stuck to a magical throne by her son Hephaestus in retaliation for her throwing him from Mount Olympus, and she frequently sought revenge for her husband's many affairs. For 10 points, name this queen of the Greek gods, wife of Zeus.**

ANSWER: **Hera** [prompt on Juno before "Hephaestus," do not accept or prompt afterwards] <RY>

16.

**Allen Ginsberg writes that his mother's death is "full of [these things]" in his poem "Kaddish," after 28 lines that begin "with your eyes." A poetry collection by Leonard Cohen is titled after these things "for Hitler." A poem by Sylvia Plath describes seeing a type of these things in the hospital and complains that they are (\*) "too excitable" and "eat my oxygen." These things partially title a work in which a man with an IQ of 68 receives a surgery previously performed on the title mouse to make him smarter. Eliza Doolittle sells these things at the beginning of *Pygmalion*. For 10 points, name these plants that Charlies hopes someone will put on Algernon's grave in a novel by Daniel Keyes.**

ANSWER: **flowers** [accept **tulips**] <RY>

17.

**Frances Heidensohn outlined her control theory in a feminist analysis of this concept. Adolphe Quetelet promoted the "thermic law" of this concept, while Felson and Cohen explained it using the routine activity theory. Raffaele Garofalo and Cesare Lombroso's determinist views of this concept rejected the Classical School. Cesare (\*) Beccaria argued against retributive responses to this activity. The removal of lead additives and the broken windows theory of policing have been used to explain a decline in this activity during the 1990s. For 10 points, prejudice can lead to the hate variety of what concept, which generally involves breaking laws?**

ANSWER: **crime** <CO>

18.

**This event was announced by Acting Press Secretary Malcolm Kilduff because half of the cabinet was on a plane to Japan. During this event and its aftermath, James Tague received minor lacerations to the face, and a policeman was killed in Oak Hill. (\*) Babushka Lady was an unknown woman in this event, in which John Connally was injured. One issue of *Life* magazine after this event included images taken by Abraham Zapruder. Shortly after this event, Jack Ruby killed Lee Harvey Oswald in a Texas prison. For 10 points, name this 1963 event which led to Lyndon B. Johnson assuming the presidency.**

ANSWER: **assassination** of **John F. Kennedy** [accept anything which references the murder of **John F. Kennedy** or **President Kennedy**, prompt on assassination of the President or assassination of Kennedy] <AJ>

19.

**One painting by this artist depicts a king reclining on top of a golden elephant head. In the far right of another painting, this artist depicted a nude woman tied to the horse of an Ottoman soldier as he draws his saber to slaughter a Greek civilian. This artist of *Greece Expiring on the Ruins of Missolonghi* ("MISS-oh-LONG-ee") and *The Death of (\*) Sardanapalus* painted another work in which a young boy stands atop a pile of dead bodies and fires a pistol, while the title nude figure waves a tricolor flag. For 10 points, name this French painter of *The Massacre at Chios* and *Liberty Leading the People*.**

ANSWER: Eugène **Delacroix** <AZ>

20.

**This is the largest planet in the solar system with no known trojans, but its moon Dione has two trojans of its own. A large crater on one of this planet's moons led to it being dubbed the "Death Star moon"; that moon is Mimas. A hexagonal vortex is located on this planet's north pole, and its moons include (\*) Hyperion, Iapetus, and Enceladus. The "Great White Spot" is located on this planet. The *Cassini* probe was sent to this planet to observe it, and in 2017 it performed a "Grand Finale" before crashing into this planet. Titan is the largest moon of this planet and Galileo observed its rings for the first time. For 10 points, name this sixth planet from the Sun.**

ANSWER: **Saturn** <BC>

TB.

**A key assumption in modern unified field theory states that the square of a quantity named for this scientist is equal to the classical force limit over the weak force magnitude. A value named after this scientist is multiplied by elementary charge in order to yield the Faraday constant, and a value named after this scientist is equal to (\*) Boltzmann's constant over R. This scientist, who used vapor densities to infer relative molecular weights, names a law stating that volume divided by the number of moles is always constant. For 10 points, name this Italian scientist, whose namesake number is approximately equal to 6.022 times 10 to the 23rd.**

ANSWER: Amedeo **Avogadro** [accept **Avogadro**'s number, accept **Avogadro**'s law] <AZ>

**Bonuses:**

1.

One man ended every speech on the Senate floor with the declaration that this city “must be destroyed.” For 10 points each:

[10] That man’s wishes were ultimately fulfilled when this city was destroyed after the Third Punic War.

ANSWER: **Carthage**

[10] This Roman senator and statesman gave the aforementioned anti-Carthage declarations. This man’s fervent opposition to Hellenization earned him the epithet “The Censor.”

ANSWER: **Cato** the **Elder** [prompt on Cato; do not accept or prompt on “Cato the Younger”]

[10] While waiting for senatorial approval for a military campaign against Carthage, Cato the Elder won a crushing victory against the Seleucid Empire in a battle at this site. A memorial for a more famous battle at this site features the words “Molon labe,” or “Come and take them.”

ANSWER: **Thermopylae** <AZ>

2.

Your parents went away on a week’s vacation. They left the keys to the brand-new Porsche. Would they mind? Mmm, well, of course not. For 10 points each, name some things about the song “Parents Just Don’t Understand”:

[10] The song is sung by a character on this show after a man played by Nick Offerman says “O.K., here’s the situation.” After she finishes singing, he reveals to her that “someone is on fire in Ramsett Park.”

ANSWER: **Parks and Recreation**

[10] “Parents Just Don’t Understand” was rapped by Will Smith, who starred in this enormously popular ‘90s TV show, featuring a teen “in West Philadelphia born and raised” moving in with his wealthy L.A. relatives.

ANSWER: *The* **Fresh Prince of Bel-Air**

[10] Will Smith’s collaborator as a rapper was this DJ, who also played a supporting role in *The Fresh Prince of Bel-Air* as his friend Jazz, who often gets physically thrown out of the house by Uncle Phil.

ANSWER: DJ **Jazzy Jeff** [accept Jeffrey Allen **Townes**] <PO>

3.

Name some things about gods giving birth to horses, for 10 points each:

[10] Loki turned into a mare to mother this child, an eight-legged horse ridden by Odin, with the stallion Svadilfari (“Sva-thil-FAR-ee”), who nearly built walls around Asgard in one season before Loki distracted him.

ANSWER: **Sleipnir** (“SLAYP-nir”)

[10] This Greek god of horses, earthquakes, and the sea fathered the immortal horse Arion with Demeter, who was in the form of a mare, while he was in the form of a stallion, and fathered the winged horse Pegasus with Medusa.

ANSWER: **Poseidon** [do not accept or prompt on “Neptune”]

[10] This non-horse brother of Pegasus sprang with him from Medusa’s neck after her decapitation by Perseus. His name translates to “He who has a golden sword.”

ANSWER: **Chrysaor** (“CRY-say-or”) <JH>

4.

For 10 points each, name some works about orphans by Charles Dickens:

[10] At the end of this novel, the orphan Sydney Carton takes the spot of Charles Darnay at the guillotine after overhearing Madame Defarge's plan. He is able to do so because the two men have uncannily similar appearances.

ANSWER: *A Tale of Two Cities*

[10] This novel focuses on the orphan Nell Trent, who lives with her grandfather while he gambles away all his money to the hunchback Daniel Quilp trying to give Nell a good inheritance.

ANSWER: *The Old Curiosity Shop*

[10] The title orphan of this novel famously begs, "Please sir, I want some more" while starving in a workhouse. This boy is eventually adopted by Mr. Brownlow after foiling the plots of Fagin and his half-brother Monks.

ANSWER: *Oliver Twist* <RY>

5.

The Kerr metric describes black holes with a non-zero value for this quantity. For 10 points each:

[10] Name this quantity. The no-hair theorem states that black holes have only three externally observable parameters: mass, charge, and this quantity.

ANSWER: **angular momentum** [accept **L**; prompt on **momentum**; do not accept or prompt on "linear momentum"]

[10] Energy can be extracted from this region of a rotating black hole by the Penrose process. Frame-dragging inside this region means that objects inside it cannot appear to be stationary to an outside observer.

ANSWER: **ergosphere**

[10] The Kerr metric is a solution to this scientist's field equations, which he formulated in his theory of general relativity.

ANSWER: Albert **Einstein** <BC>

6.

This movie is divided into five sections, the fourth of which is "Odessa Steps." For 10 points each:

[10] Name this 1925 Russian film directed by Sergei Eisenstein that includes a scene of a baby carriage falling down a flight of steps.

ANSWER: *Battleship Potemkin* [accept *Battleship Potyomkin* or *Bronenosets Potyomkin*]

[10] Sergei Eisenstein was part of a school named for this Soviet filmmaker. In a phenomenon named for this filmmaker, two juxtaposed shots can create more meaning than the shots by themselves.

ANSWER: Lev (Vladimirovich) **Kuleshov**

[10] The Kuleshov effect was explained in "Definition of Happiness," an interview with this director of *Psycho*, *The Birds*, and *North by Northwest*.

ANSWER: Sir Alfred (Joseph) **Hitchcock** <AJ>

7.

For 10 points each, name some books with the color red in their title in Chinese literature:

[10] This novel by Mo Yan follows three generations of a family in Shandong, who distill alcohol with the title crop, through the Second Sino-Japanese War and the Cultural Revolution.

ANSWER: *Red Sorghum Clan* [accept *Red Sorghum: A Novel of China*, accept *Hong Gaoliang Jiazu*]

[10] China's Four Great Classical Novels include this work by Cao Xueqin ("tsao shooeh-chin"). The novel centers on Jia Baoyu, who is born with a piece of jade in his mouth, and the downfall of his family.

ANSWER: *Dream of the Red Chamber* [accept *The Story of the Stone*, accept *Hongloumeng*]

[10] This book consists of sayings from a Chinese Communist leader and was widely distributed during the Cultural Revolution.

ANSWER: *Little Red Book* [accept *Quotations from Chairman Mao Tse-tung*, accept *Mao Zhuxi Yulu*] <RY>

8.

For 10 points each, answer some questions about functions that are their own derivatives.

[10] The textbook example of such a function is this exponential function, commonly used in financial models and epidemiology.

ANSWER: **e** raised **to the x** power

[10] This construct is also its own derivative. e to the x is asymptotic to this construct.

ANSWER: **x-axis** [accept **y=0**]

[10] Pencil and paper ready. Sine x is not equal to its own first derivative, but it is equal to some of its higher-order derivatives. Name the lowest-order derivative of sine x that equals sine x. You have ten seconds.

ANSWER: **fourth** derivative <AJ>

9.

For 10 points each, name some things about famous battles won by Napoleon Bonaparte against those stone-cold warriors, the Russians.

[10] At the Battle of Austerlitz, Napoleon defeated the Austrian and Russian armies, leading to the end of this large confederation in Central Europe, which had been ruled by the Habsburgs since 1452.

ANSWER: **Holy Roman Empire** [accept **Sacrum Imperium Romanum** or **Heiliges Römisches Reich**; do not accept or prompt on “Roman Empire”]

[10] At this battle, Napoleon completely defeated the Russian army in eastern Prussia, causing the end of the War of the Fourth Coalition and the Treaties of Tilsit between Alexander I and Napoleon.

ANSWER: Battle of **Friedland**

[10] At this battle, which occurred after Barclay de Tolly was relieved of command, Pyotr Bagration (“bug-rat-ee-OHN”) was killed, and the French incurred enough casualties to force their eventual retreat.

ANSWER: Battle of **Borodino** [accept Battle of the **Moskova**] <PO>

10.

In this work, the evil Fata Morgana sets a curse on the young prince. For 10 points each:

[10] Name this opera by Sergei Prokofiev, in which the Prince and the jester Truffaldino go on a quest to lift the curse while Leandro and Clarice plot to remove the King of Clubs.

ANSWER: *The **Love for Three Oranges*** [accept *L'amour des trois oranges*; accept *Lyubov' k tryom apel'sinam*]

[10] In this other Prokofiev work, a young Soviet pioneer, represented by the strings, interacts with a bird, a duck, a cat, his grandfather, and some hunters, but he is not scared of the title animal.

ANSWER: ***Peter and the Wolf***

[10] In *Peter and the Wolf*, the grandfather is represented by this instrument. This instrument plays a very high solo at the beginning of *The Rite of Spring*.

ANSWER: **bassoon** <PO>

11.

*Note to moderator: emphasize “both” in the second part of the bonus.*

Ashoka translated this concept as “Eusebeia” in Greek. For 10 points each:

[10] Name this concept, which generally translates to the Vedic idea of cosmic universal law and rightful action.

ANSWER: **dharma**

[10] Jain sadhus, or ascetic mendicants, who are committed to strictly follow their conception of *dharma*, are split into these two major sects. Name both.

ANSWER: **sky**-clad and **white**-clad [accept variations like **sky**-robed; accept **Digambara** and **Śvētāmbara**]

[10] This avatar of Vishnu helps out Arjuna in the *Bhagavad Gita* by telling him that he must perform his duty, but is not entitled to the fruits of his actions. A Hindu mantra repeats “Hare [this figure] and Hare Rama.”

ANSWER: **Krishna** <PO>



12.

Let's see what your team nose about some nose literary characters, for 10 points each:

[10] This protagonist of *Midnight's Children* has a nose shaped like a cucumber that is constantly runny, and who has telepathic powers.

ANSWER: **Saleem** Sinai [prompt on **Sinai**]

[10] This Russian author wrote a short story about Major Kovalyov waking up without his nose one morning, with Kovalyov's barber finding the nose in a loaf of bread. This author also wrote "The Overcoat."

ANSWER: Nikolai Vasilievich **Gogol**

[10] In this novel, the French valet Passepartout ("pass-par-tooh") joins a circus where he has to wear a fake long nose after being hired as a stuntman. Another man in this novel wins a wager due to the International Date Line.

ANSWER: **Around the World in Eighty Days** (by Jules Verne) <RY>

13.

Name some things about alcohol, for 10 points each.

[10] This simplest alcohol with formula CH<sub>3</sub>OH is poisonous and when oxidized, it makes formaldehyde. It is also known as wood alcohol.

ANSWER: **methanol**

[10] The functional group of alcohols is this group with an OH formula. Secondary alcohols contain more than one of these groups.

ANSWER: **hydroxyl** [generously accept **hydroxide**]

[10] A reaction named for this element converts alkenes into alcohols when water is used. It involves reacting an alkene, a salt of this element, and water before treating it with sodium borohydride.

ANSWER: **mercury** [accept **Hg**] [the reaction being referred to is oxymercuration-demercuration] <BC>

14.

This country's Gapsalgyr Nature Reserve is home to many mountain sheep and honey badgers. For 10 points each:

[10] Name this country, whose border with Uzbekistan runs largely parallel to the Amu Darya River. Its capital of Ashgabat contains such landmarks as the Monument of Neutrality and the Ruhya Mosque.

ANSWER: **Turkmenistan**

[10] The Akhal-Teke, one of these animals, is widely regarded as a national symbol of Turkmenistan. One of these animals is shown rearing on a white marble cliff in an equestrian statue in Ashgabat.

ANSWER: **horses**

[10] Turkmenistan's Karakum Desert is home to this crater, which has been burning since geologists set it on fire in 1971. A 2019 video shows Turkmen president Gurbanguly Berdimuhamedov skidding around this landmark in a rally car in order to disprove rumors that he had died.

ANSWER: **Darvaza** gas crater [accept **Gates of Hell** or **Door to Hell**] <AZ>

15.

Colonial administrator John Shaw allegedly received warning from the Irgun that this event was going to happen, but failed to order an evacuation. For 10 points each:

[10] Name this terrorist attack, in which Jewish militants bombed a hotel in Jerusalem that was home to British colonial staff.

ANSWER: **King David** Hotel bombing [accept equivalents]

[10] Irgun leader Menachem Begin later founded this conservative political party, of which Benjamin Netanyahu is a member.

ANSWER: Ha**Likud** [accept **Likud** — National Liberal Movement; prompt on **The Consolidation**]

[10] The Irgun fought, along with the Haganah, for the independence of this state, whose first Prime Minister was David Ben-Gurion and which annexed East Jerusalem in 1967.

ANSWER: State of **Israel** [accept Medīnat **Yisrā'el**] <PO>

16.

For 10 points each, name some things about last year's Senate elections.

[10] Before running for Arizona's Senate seat, Mark Kelly had this profession. Mark's twin Scott also held this profession, during which time he spent a year on the I.S.S. in a study of the effects of space on the human body.

ANSWER: **astronaut**

[10] In New Mexico, Tom, a member of this Western political family, retired. Other members of this family have included former Arizona congressman and 1976 presidential candidate Mo, former Arizona congressman and Secretary of the Interior Stewart, and former Colorado senator Mark.

ANSWER: **Udall** family

[10] In Maine, this woman lost against Susan Collins. She is the first Indian-American to gain a major-party nomination for statewide office in Maine.

ANSWER: Sara **Gideon** <PO>

17.

*Note to moderator: "proem" is not a typo.*

For 10 points each, name some things about literature titled after Brooklyn.

[10] This poet began his long poem "The Bridge" with a "proem" addressed to the Brooklyn Bridge. He also wrote the poem "Chaplinsque."

ANSWER: Hart **Crane**

[10] This poet featured Brooklyn in "Crossing Brooklyn Ferry," and also wrote "O Captain! My Captain!" and the collection *Leaves of Grass*.

ANSWER: Walt(er) **Whitman**

[10] Betty Smith wrote a semi-autobiographical novel about Francie Nolan's childhood in Williamsburg titled after one of these plants growing in Brooklyn.

ANSWER: **tree** <RY>

18.

For 10 points each, answer some questions about the "King of Swing."

[10] This American clarinetist is most famous for his piece "Sing, Sing, Sing" and also led one of the first integrated jazz groups in the United States.

ANSWER: Benny **Goodman** [accept Benjamin David **Goodman**]

[10] Goodman and this big band leader often collaborated on works such as "1411," but this man's orchestra is more well known for the piece "In the Mood."

ANSWER: Alton Glenn **Miller**

[10] Goodman composed the song "Riffin' the Scotch" for this female jazz singer, known as Lady Day. Her song "Strange Fruit" protested the lynching of African Americans.

ANSWER: Billie **Holiday** [accept Eleanora **Fagan**] <EL>

19.

For 10 points each, name some things about Marfan syndrome.

[10] Marfan syndrome commonly leads to aneurysm of this artery. This artery is the largest in the body.

ANSWER: **aorta**

[10] Marfan syndrome can also lead to the dislocation of this part of the eye due to a weakness in ciliary zonules. This object changes the focal distance of the eye to help focus on different objects.

ANSWER: **lens**

[10] The cause of Marfan syndrome is a mutation in the *FBN1* gene, which codes for the production of this protein. Mutations in this protein lead to issues with connective tissue.

ANSWER: **fibrillin** <BC>

20.

For 10 points each, name these rivals for the Republican nomination in the election of 1860:

[10] This New York senator was generally regarded as the favorite, but due mostly to his radical rhetoric, he failed to secure a majority. He later engineered the purchase of Alaska, which was derided as his namesake "Folly."

ANSWER: William Henry **Seward**

[10] This Governor of Ohio's belief that he would be overwhelmingly nominated was shattered after his home state failed to unite behind his campaign. He later replaced Roger Taney as Chief Justice of the Supreme Court.

ANSWER: Salmon Portland **Chase**

[10] After securing the nomination, this Illinois lawyer handed the top positions in the Cabinet to his rivals Seward and Chase, laying the foundation for his "Team of Rivals." After leading the Union through the Civil War, this man was assassinated by John Wilkes Booth.

ANSWER: Abraham **Lincoln** <AZ>

TB.

*Note to moderator: emphasize "this" and "that" in the first part.*

Two rulers of this name fought for control of the Byzantine Empire in the Fourth Crusade. For 10 points each:

[10] One Byzantine ruler of this name sent emissaries to the Council of Piacenza in order to seek military aid. An account of that ruler with this name's reign was published by Anna Komnene, the daughter of that ruler.

ANSWER: **Alexios** [accept **Alexius**]

[10] The Council of Piacenza and the subsequent Council of Clermont supported the pursuit of this 1096-1099 campaign in the Holy Land, which culminated in the capture of Jerusalem.

ANSWER: **First Crusade** [prompt on crusades]

[10] Prior to the first crusade, Alexios I Komnenos had lost the 1081 Battle of Dyrrhachium to a nobleman from this region. Another ruler of this region conquered an enemy in the Harrying of the North.

ANSWER: **Normandy** [accept William of **Normandy**] <AZ>