

## Prison Bowl VI

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### Round 03 – Tossups

1. The death of two sailors in the Icarus Affair led to one person with this position to designate Ernest Satow as a lead investigator, and Satow would later obtain a position of this type himself. Frederick Wright-Bruce served as one of these, and another one of these was rejected by Qianlong. Besides Lord Macartney, another one of these, Julian Pauncefote, negotiated a treaty to allow for the construction of the Panama Canal. Lord Grey served as one of these before becoming Foreign Secretary, an office which oversees these people. For 10 points, identify these diplomats whose missions are charged from London.

ANSWER: ambassadors of the United Kingdom [accept reasonable equivalents for the UK; prompt on equivalents] <ZZ>

2. In one scene, this character taunts another by citing the proverb “the poor cat i’ th’ adage.” She says she would kill a character if the character did not look like her father. In another scene, she tells her husband that she would kill her own baby while it was “smiling in my face / Have plucked my nipple from his boneless gum / And dashed the brains out.” She calls on evil spirits to “unsex me here”, and in a later scene, she enters sleepwalking and cries, “Out, damn’d spot! Out, I say!”. For 10 points, name this woman who convinces her husband to kill Duncan to become king, a character from Shakespeare’s Scottish play.

ANSWER: Lady Macbeth [do not accept “Macbeth”] <RS>

3. An essay in this field discusses the decline of aura in the age of mechanical reproduction, and was written by Walter Benjamin. Another work in this field emphasizes the need for “free play” and defines a disinterested, universal, and necessary judgment. That work is Immanuel Kant’s *Critique of Judgment*. This field was discussed in terms of the Apollonian and Dionysian in a work that criticizes the excess rationality of Socrates and Euripides and praises Richard Wagner. This field is the subject of Friedrich Nietzsche’s *The Birth of Tragedy*. For 10 points, name this field of philosophy concerned with the nature of art and beauty.

ANSWER: aesthetics <MZ>

4. In an animated show, the telekinetic Sheryl Shellingford is based on this person. A Granada TV series about him was cancelled during the *Memoirs* season upon Jeremy Brett’s death. In one TV series, this man’s body is unfrozen in the 22nd century to combat a clone of his nemesis. This character uses the Van Buren Supernova to discredit a Vermeer painting in one series where Molly Hooper’s boyfriend Jim is revealed to be his archenemy. For 10 points, name this character recently portrayed by Jonny Lee Miller, Benedict Cumberbatch, and Robert Downey Jr., a detective who resides at 221B Baker Street with Dr. Watson.

ANSWER: Sherlock Holmes [accept either] <WR/MZ>

5. The Sherman paradox concerns a disorder of this entity, which is affected by increased CGG repeats in the 5’ (“five prime”) untranslated region of the FMR1 gene. That gene is inactivated in this entity’s namesake syndrome. The process of lyonization during embryogenesis inactivates one of these entities and forms a Barr body. A lack of one of these can lead to webbed necking in Turner’s syndrome, while an extra one of these may result in a learning disability and reduced testosterone output in Klinefelter’s syndrome. For 10 points, name this sex chromosome which women typically have two of, contrasted with Y.

ANSWER: X chromosome [prompt on “sex chromosome” before mention, or just “chromosome”] <WH>

6. In this novel, Petya’s murderer and the protagonist’s father are hit by trains, while another distant train inspires a solution to the marital problems between a former governess for the Kologrivovs and a character who later takes the name Strelnikov. The protagonist of this novel is kidnapped by the leader of the Forest Brotherhood, Liberius. In a scene in this novel, Amalia Guishar attempts to kill herself by drinking poison, but is saved by Misha Gordon. After causing the ruin of the protagonist’s father, Victor Komarovskiy grows obsessed with Lara. For 10 points, name this novel following the life of Yuri, by Boris Pasternak.

ANSWER: Doctor Zhivago <PS/MZ>

7. One opponent in this man's party selected Theodore Roosevelt Sr. to replace him in an early position, and this man signed the Edmunds Act, banning polygamy. Serving as the chief of the New York Customs House under the Grant administration with the support of Stalwart leader Roscoe Conkling, he was kicked out of that position by a man he would succeed in another office. His term in office saw the passage of the Chinese Exclusion Act, and began as a result of the actions of Charles Giteau. As president, he appointed the first Civil Service commission following the passage of the Pendleton Civil Service Reform Act. For 10 points name this 21st president who rebuilt the navy after succeeding James Garfield.

ANSWER: Chester A. Arthur <ZZ>

8. In Luke 1:64, after this figure is named, his mouth is immediately "opened and his tongue loosed: and he spoke, blessing God." Earlier, this figure was called by his father's name, Zechariah, and the Visitation occurred when this figure's mother, Elizabeth, met her cousin Mary. Matthew 3:4 describes how this man's "clothes were made of camel's hair" and how his "food was locusts and wild honey" because he preached in the desert. He is commonly known as the Forerunner. For 10 points, name this saint whose epithet refers to a sacrament he performed by immersing Jesus in the River Jordan.

ANSWER: St. John the Baptist [or Yochanan ha-mmatbil; prompt on partial] <WR>

9. One statement governing these entities, which equates the negative specific weight with the vertical pressure gradient, is the Dupuit assumption. That law applies to the phreatic type of these structures, contrasted with the "confined" type found in vadose zones. Saline intrusion disrupts human usage of these formations, and arsenic contamination is another problem for the largest of these formations in the United States, named Ogallala. Hydrostatic pressure within permeable rock strata may cause these subterranean structures to form artesian wells. For 10 points, name these porous layers of rock that hold groundwater.

ANSWER: aquifers <WR>

10. BTBR mice are a potential model organism for this disorder whose sufferers perform poorly on a test developed by Simon Baron-Cohen, the Sally-Anne test, since they fail to develop theory of mind. Stimming behaviors such as repetitive rocking and hand-flapping are symptoms of this disorder. Some with this disorder exhibit exceptional but narrow memory and are known as savants. Children with normal cognitive development may be diagnosed with a less severe type of this disorder, Asperger syndrome. For 10 points, name this spectrum of disorders that involves communication and socialization deficits.

ANSWER: autism spectrum disorders <MZ>

11. One of the first examples of these objects was involved in the sinking of U-39 and participated in the Malta convoys, while another of these was involved in the initiation of the Doolittle Raid. Several of these were notably not present during Operation AI, though one of them would later be lost despite the efforts of the crew of the *Hammann* following attacks by Kates and *I-168*. The *Giuseppe Garibaldi* class is currently being used, while the *Ford* class is under construction. The earliest example of these is the *Ark Royal*. For 10 points each, identify this class of naval ships including examples such as the *Yorktown* and the *Enterprise*, 5 of which were sunk as a result of the battle of Midway.

ANSWER: aircraft carriers [prompt on "carrier" or "supercarrier"] <ZZ>

12. The last movement of a piano composition by this man modulates from D major to A major in a Maruntel dance. Another piano work by this composer of *Cantata Profana* begins with two books of simple etudes for his son Peter, followed by four progressively harder volumes. This composer of *Mikrokosmos* and *Romanian Folk Dances* proposed an opera to Zoltan Kodaly in which Judith opens seven doors in the title duke's fortress, *Bluebeard's Castle*. For 10 points, name this composer who incorporated Hungarian folk songs into his Music for Strings, Percussion and Celesta and Concerto for Orchestra.

ANSWER: Béla Bartók <WR>

13. This molecule facilitates the Griesbaum reaction and cleaves an alkene to form an aldehyde or a ketone in a 1,3 dipolar cycloaddition, the Criegee mechanism. In the Chapman Cycle, this diamagnetic compound with a bent geometry is replenished by a paramagnetic, diatomic molecule. In that reaction, this molecule is formed by the absorption of a photon with a wavelength of less than 280 nanometers. It can be depleted by chlorofluorocarbons, making the Earth more susceptible to ultraviolet radiation. For 10 points, name this molecule found in a namesake atmospheric “layer”, a triatomic allotrope of oxygen.

ANSWER: ozone [or O3] <WR>

14. In this work, the population of the central town is described as “likely to keep on growing”. “Don’t you have a grown boy to do it for you?” is a question asked to Mrs. Dunbar, although all the characters already know the answer. “Corn be heavy soon” after the events of this story, for which Mr. Summers brings out a three-legged stool. In this story, Old Man Warner laments, “People ain’t the way they used to be”. Chips of wood were once used, but have been replaced by pieces of paper in the black box. “It isn’t fair. It isn’t right” are the final words of Tessie Hutchinson as she is stoned to death in, for 10 points, what short story by Shirley Jackson?

ANSWER: “The Lottery” <RS/MZ>

15. Several animal fountain heads were stolen from a garden sacked during this event, and the Seymour Expedition launched during it was a failure. The Daguer Forts were taken early during this event, and led to a hard-line response by one leader. In the aftermath of this event one leader escaped under the protection of the Kansu Braves, and a scholarship fund was created out of the indemnity one side had to pay. American forces under Corporal Titus scaled city walls during this event, which followed after a siege began in the Legation Quarter. The Empress Cixi lifted edicts banning the Society of Harmonious and Righteous Fists during this event. For 10 points, name this 1898-1901 rebellion in China that saw the sacking of Beijing by the Eight-Nation Alliance.

ANSWER: Boxer Rebellion [accept clear equivalents for rebellion; accept Righteous Harmony Society Rebellion or Society of Harmonious and Righteous Fists Rebellion before “society”] <JL>

16. One city in this country contains the pedestrian street Jomfru Ane Gade. That city, Aalborg, is located on the Limfjord just south of Vendsyssel-Thy. Hammershus Castle overlooks the Baltic Sea on an island controlled by this nation, Bornholm, but this nation no longer governs a North Atlantic archipelago 450 kilometers southeast of Iceland, the Faroe Islands. This country’s capital city in the Øresund region contains the Tivoli Gardens and is mere kilometers away from Malmö in Sweden. This nation’s main peninsula, located east of the North Sea, is Jutland. For 10 points, name this Scandinavian nation with capital Copenhagen.

ANSWER: Kingdom of Denmark [or Kongeriget Danmark] <WR>

17. Perun throws lightning bolts at his enemy Veles, who lives at the bottom of one of these entities. Mesoamerican ones represent either the Milky Way or the four directions and were portrayed as *ceiba* ones. Mimameidr (“MEE-ma-MAY-dur”) and Laerad (“LAY-er-AY-dur”), where the goat Heidrun grazes, are identified with one of these that connected the various worlds, like Mesoamerican ones. Often near the bottom of one of these is an underworld, but one had three wells and Jotunheim by its roots. For 10 points, name these arboreal entities supporting or connecting the realms of the gods with our world, the most famous being Yggdrasil.

ANSWER: World Tree [prompt on “tree”] <WD>

18. Dividing a wave’s angular frequency with its angular wavenumber yields this quantity’s “group” form. The square root of 3 times the gas constant times temperature divided by the molar mass of a gas describes the “root mean square” measure of this quantity. Integrating this function of a particle from  $T_1$  to  $T_2$  yields the displacement. When the force of gravity on an object in free fall equals the drag force, the object has reached the “terminal” form of this value, which is constant because acceleration equals zero. For 10 points, name this vector quantity with units of meters per second and a magnitude equal to speed.

ANSWER: velocity <WR>

19. One of this writer's characters angrily denounces a German who makes fun of Baron Humboldt. Another of his characters is described as a "butterfly with no will" and obsessively writes letters to Bayardo San Román. This writer created Florentino Ariza and Fermina Daza, who profess their love over the course of more than fifty years, as well as Angela Vicario, who points her brothers to kill Santiago Nasar. In a novel by this writer, Melquiades writes a series of parchments, and a pig-tailed child is born to the Buendía family in the town of Macondo. For 10 points, name this magical realist author of *Chronicle of a Death Foretold*, *Love in the Time of Cholera* and *One Hundred Years of Solitude*.

ANSWER: Gabriel García Márquez <KX>

20. Works in this medium include *The Calabash* by Romare Bearden, as well as a work featuring a Tootsie Pop-holding bodybuilder, *Just what is it that makes today's home so different, so appealing?*. The late works of Henri Matisse are dominated by those of this type, such as *The Snail* and the *Blue Nudes* series. A three-dimensional analogue of this technique was used to create *Canyon*, a Robert Rauschenberg combine. Georges Braque used this technique with newspaper, while Dadaists and Surrealists used it to create juxtaposition. Eric Carle used this method to illustrate *The Very Hungry Caterpillar*. For 10 points, name this artistic technique that traditionally glues together cutout elements.

ANSWER: collage [prompt on "cutouts" or "decoupage"] <MZ>

TB. The campaign that culminated in this battle began with a large cavalry engagement at Brandy Station, and early on in this battle John Reynolds was killed while leading the Iron Brigade. The 1st Minnesota regiment's charge bought time for one side to rescue Sickles's beleaguered III Corps, and battle was met despite the absence of one side's main cavalry. Armistead's division made the farthest significant advance north during this battle's third day. The charge of the 20th Maine led by Joshua Chamberlain was crucial in maintaining the Union position at Little Round Top here. For 10 points, identify this Union victory in Pennsylvania that featured Pickett's failed charge up Cemetery Ridge.

ANSWER: Battle of Gettysburg <ZZ>

### **Round 03 – Bonuses**

1. She bears on her head a solar disk and uraeus, a cobra. For 10 points each:

[10] This goddess has a lion's head and a woman's body. Ra created her to destroy mankind, but when she got out of hand, he tricked her into drinking seven thousand jars of beer, transforming her into her counterpart Hathor.

ANSWER: **Sekhmet** [accept **Sakhmet**, **Sachmis**, **Sekhet**, or **Sakhet**]

[10] Sekhmet is the wife and sister of this green-skinned god, the patron of craftsmen. He is depicted in the linens of a mummy and carries a *was* sceptre with a djed and an ankh. In some myths, he thought the universe into existence.

ANSWER: **Ptah**

[10] This city was the center of the Ptah cult. Ptah is part of this city's namesake triad, along with Sekhmet and Nefertem. It was the capital of the Old Kingdom, and was also notable for its huge statues of Ramses II.

ANSWER: **Memphis** <PS>

2. Name some things about the "Lion of the North" for 10 points each.

[10] This powerful Swedish monarch won multiple victories against the Catholic League during the Thirty Years' War, though he was killed trying to take trenches at the Battle of Lutzen.

ANSWER: **Gustavus Adolphus**

[10] Gustavus Adolphus was known for effectively training his forces in combined arms tactics, which led to his heavy cavalry charging, seizing, and operating the guns of the Catholic League at this battle. It was a severe setback for Count Tilly and prevented the reconversion of Saxony.

ANSWER: First Battle of **Breitenfeld**

[10] This Prussian commander studied Gustavus Adolphus' tactics intensely and declared that "war is a continuation of politics by other means" in his text *On War*.

ANSWER: Karl von **Clausewitz** <ZZ>

3. It argues that the domestication of animals and geographic alignments were major factors in the development of civilizations. For 10 points each:

[10] Name this book that argues that the Europeans were able to conquer other societies because they possessed the three title things.

ANSWER: **Guns, Germs, and Steel: The Fates of Human Societies**

[10] This author of *The Third Chimpanzee* argued that the civilizations collapsed when they reached their environment's carrying capacity in *Collapse*. He wrote *Guns, Germs, and Steel* as a geography professor at UCLA.

ANSWER: Jared **Diamond**

[10] *Guns, Germs, and Steel* suggests that the development of agriculture led to this concept, which in turn led to centralized government. Coined in *The Wealth of Nations*, it refers to the apportionment of tasks to specialized units.

ANSWER: **division of labor** <MZ>

4. One character tells a tale about Tortoise, who falls from the sky after birds take away the feathers they lent him. For 10 points each:

[10] In this novel, Okonkwo kills Ikemefuna rather than show weakness. During Okonkwo's exile, white missionaries including Mr. Brown come to Umuofia.

ANSWER: **Things Fall Apart**

[10] *Things Fall Apart* is the debut novel of this Nigerian author who commented, "Worshipping a dictator is a pain in the ass" in *Anthills of the Savannah*.

ANSWER: Chinua **Achebe**

[10] *Things Fall Apart* takes place in Umuofia, a village of this people. Umuofia is similar to Achebe's birthplace, where this ethnic group lived in groups of villages ruled by tribal elders.

ANSWER: **Igbo** [or **Ibo**] <SH>

5. Oh no! The big bad bacteria are invading your body! For 10 points each:

[10] Many immune cells will start secreting these signaling molecules, which differ from hormones in that they have a system-wide effect rather than a local effect. Autocrine examples include interleukin-1 and many interferons.

ANSWER: cytokines

[10] Cytokines are produced primarily by these cells, which have a “helper” variety that assist in B cell maturation. Their name comes from the small lobed organ in which they grow from double negative thymocytes.

ANSWER: T cells [or T lymphocytes]

[10] T-cell interaction in MHC can lead to these diseases, in which immune cells attack tissues in its own body. Examples of this kind of disease include lupus and celiac disease.

ANSWER: autoimmune diseases <WH>

6. In one work by this man, Minnie throws herself in front of Johnson to protect him from the wrath of the miners before leaving with him to start anew in California. For 10 points each:

[10] This man wrote also wrote a duet “sono andati?” where Mimi tells Rodolfo of how she has loved him before dying. He wrote *La fanciulla del West* and *La bohème*.

ANSWER: Giacomo Puccini

[10] This Puccini opera depicts the arrest and execution of painter Mario Cavaradossi after he gloats over a fabricated victory of Napoleon at Marengo. After Mario’s execution, the title character sings that Mario “ecco un artista” before realizing that he had actually died.

ANSWER: Tosca

[10] Before killing herself, Tosca cries that she will meet this chief of police before God. After killing this man in Act Two, Tosca tells Cavaradossi that he would be freed based on a contract with this man.

ANSWER: Baron Scarpia <WH>

7. He accidentally created his archenemies when he pushed the Professor towards a beaker of Chemical X. For 10 points each:

[10] Name this purple-caped chimpanzee with green skin and a huge brain. He creates the Rowdyruff Boys to counter his archenemies.

ANSWER: Mojo Jojo (“mo-jo JO-JO!”)

[10] Mojo Jojo is the main antagonist of this animated TV show broadcast by Cartoon Network. It centers around the superhero trio of Blossom, Bubbles and Buttercup in the city of Townsville.

ANSWER: *The* Powerpuff Girls

[10] The Professor created the Powerpuff Girls when Chemical X reacted with sugar, spice, and this concept, which is manifested by Blossom.

ANSWER: everything nice <MZ>

8. It coined the word “chortled”, which is a snort and a chuckle. For 10 points each:

[10] Name this nonsense poem in which the protagonist “took his vorpal sword in hand” and killed his “manxome foe”, the title creature with “eyes of flame”.

ANSWER: “Jabberwocky”

[10] “Jabberwocky” was written by this man, who included it in his *Through the Looking-Glass*. That novel is a sequel to his *Alice and Wonderland*, which began as a story told on a boating trip to entertain young girls.

ANSWER: Lewis Carroll [or Charles Lutwidge Dodgson]

[10] “Jabberwocky” mentions the Tumtum type of these objects, one of which titles a Thomas Hardy novel about Dick Dewy of the Mellstock choir. A telescreen in *1984* refers to one of these, under which “I sold you and you sold me”.

ANSWER: trees <WR>

9. Answer some things about an important American ceremony for 10 points each.

[10] The 20th Amendment moved the date of this ceremony from March to January. Typically, the oath of office is taken and sworn on a Bible in front of the U.S. Capitol, though other documents such as the Constitution may be used.

ANSWER: **inauguration** of the President of the United States

[10] The oath of office compels the vice president to “bear true faith and [this] at the same time”. This word also titles a statement composed by Francis Bellamy that has contained the phrase “under God” since 1954.

ANSWER: **allegiance** [or Pledge of **Allegiance**]

[10] People of this faith are allowed to not salute the flag while pledging under First Amendment grounds thanks to the Supreme Court decision in *West Virginia v. Barnette*, which overruled the earlier decision in *Minersville v. Gorbitt*.

ANSWER: **Jehovah’s Witnesses** <ZZ>

10. The Lorentz force on a charged particle is equal to charge times electric field plus the cross product of this quantity and velocity. For 10 points each:

[10] Name this vector field whose namesake “lines” point from the north pole to the south pole.

ANSWER: **magnetic** field

[10] This circuit law can be used to find the magnetic field inside a solenoid. This law states that the path integral of the B field around a closed path equals the permeability times the current enclosed in the path.

ANSWER: **Ampere’s** circuital law

[10] The differential form of Ampere’s law states that the cross product of this vector operator with the B field equals permeability times current density. Measuring rotation, this operation’s divergence is always zero.

ANSWER: **curl** <WR>

11. Although they were mighty, they certainly weren’t modest. For 10 points each:

[10] Name this group of Romantic composers formed by Mily Balakirev and Cesar Cui that incorporated Oriental and folk styles to form a distinctly Russian musical identity.

ANSWER: **The Mighty Five** [or The **Mighty Handful**]

[10] This member of The Five included “The Flight of the Bumblebee” in *The Tale of Tsar Saltan*. His *Russian Easter Festival Overture* features unusual time signatures, beginning in 5/2 and ending in 2/1.

ANSWER: Nikolai **Rimsky-Korsakov**

[10] This Rimsky-Korsakov symphonic suite features an oriental theme written in triplets for solo violin, accompanied by a harp. This theme, representing the title storyteller, is developed in the second movement, The Kalendar Prince.

ANSWER: **Scheherazade** <WR>

12. It was first expounded in the writings of the Dutch jurist Hugo Grotius. For 10 points each:

[10] Identify this doctrine notably violated in the Trent Affair and the Chesapeake Affair. Stalin refused to comment on this issue during negotiations at Potsdam when Truman asked for it to be extended to include the Danube.

ANSWER: **freedom of the seas** [accept close equivalents]

[10] Freedom of the seas was incorporated as part of this document, never confirmed by the US Senate due to the reservations of Henry Cabot Lodge. It was derided by Clemenceau as having more parts than God’s commandments.

ANSWER: **Fourteen Points**

[10] The Fourteen Points also established this international body to help preserve independence between nations. A forerunner to the United Nations, it was unsuccessful in preventing Italy’s takeover of Abyssinia and collapsed shortly before WWII.

ANSWER: **League of Nations** <ZZ>

13. Answer some questions about literature alluded to in *A Series of Unfortunate Events* for 10 points each.

[10] Violet Baudelaire's interest in engineering was sparked by her visit to an invention museum named for this author of *Around the World in Eighty Days* and *20,000 Leagues Under the Sea*.

ANSWER: Jules Verne

[10] In *The Grim Grotto*, the Baudelaire kids ride a submarine past the Gulag Archipelago, a reference to this Russian author's novel about Soviet labor camps. This writer also described Oleg's experience in the *Cancer Ward*.

ANSWER: Aleksandr Solzhenitsyn

[10] The triplets Frank, Ernest and Dewey in *The Penultimate Peril* share this surname, a French term meaning "unraveling". It refers to the part of the story after the climax in which conflicts and secrets are resolved.

ANSWER: dénouement <WR>

14. Name some things about conic sections for 10 points each.

[10] These conic sections can be described by the equation  $x^2$  over  $a^2$  minus  $y^2$  over  $b^2$  equals one. They have eccentricities greater than one and consist of two symmetrical branches.

ANSWER: hyperbolae

[10] A hyperbola contains two of these lines because the curve approximates these lines as they reach infinity.

Rational functions have a horizontal one if the degree of the denominator is greater than the degree of the numerator.

ANSWER: asymptotes

[10] For a hyperbola, this segment is defined as the chord through a focus parallel to the conjugate axis. For a parabola, half the length of this chord equals twice the distance between the focus and directrix.

ANSWER: latus rectum <WR>

15. It shares Białowieża Forest with Belarus, home to many big, horned wisents. For 10 points each:

[10] Name this European nation which houses the White Stork Synagogue in Wrocław, the capital of Lower Silesian Voivodeship. Other cities on the Oder in this country include a town named Police.

ANSWER: Republic of Poland

[10] This capital of Poland sits on the Vistula and contains a statue of its coat of arms, a mermaid brandishing a sword, in its Old Town Market Place.

ANSWER: Warsaw [or Warszawa]

[10] This former capital and second largest city in Poland is home to the Dragon's Den cave beneath Wawel Castle.

A noted cultural center, it houses Leonardo's *Lady with an Ermine* in its Czartoryski Museum.

ANSWER: Kraków <WR>

16. It followed after a peaceful demonstration of workers was broken up by a pipe bomb thrown at the police standing nearby. For 10 points each:

[10] Identify this incident in Chicago in which a rally for an eight-hour workday broke into violence and is now commemorated as May Day by workers worldwide.

ANSWER: Haymarket Square affair [accept reasonable equivalents for affair such as riot or massacre]

[10] This progressive governor of Illinois pardoned four defendants accused of perpetrating the bomb attack and heavily criticized the trial. He refused calls by the federal government to crush the Pullman strike with state militia.

ANSWER: John Peter Altgeld

[10] In explaining his pardons, Altgeld noted the lethal violence that had been perpetrated by this group near the McCormick Plant. This group was also responsible for crushing the Homestead Strike.

ANSWER: Pinkerton National Detective Agency [accept word forms] <ZZ>

17. Let's talk about German Expressionism for 10 points each.

[10] A bridge cuts off the central corpse-like figure from the burning red sky in this classic Expressionist painting by Edvard Munch.

ANSWER: *The* Scream [or Shrik; or *The* Cry]

[10] Members of this Expressionist group used extreme colors to paint disturbing masked figures and creepily claustrophobic yet lonesome scenes, as exemplified by E.L. Kirchner's *Marzella* and *Berlin Street Scene*.

ANSWER: Die Brücke [or The Bridge]

[10] This more spiritual Expressionist group was founded by the painter of *The Yellow Cow* and *Fate of the Animals*, Franz Marc, and by Wassily Kandinsky, whose painting of a figure on a white horse is this group's namesake.

ANSWER: Der Blaue Rider [or The Blue Rider] <MZ>



18. Answer some questions about World War I chemical weaponry for 10 points each.

[10] The Allies made use of a dense white smoke, stannic chloride, which features this element as its central atom. This metal with symbol Sn was also used along with steel in airtight cans used to store food during both world wars.

ANSWER: tin

[10] Mustard gas is formed by bonding two chloroethyl groups to an atom of this element, which typically forms an eight-membered ring. This element forms a thiol group when bonded to a hydrogen atom and an R group.

ANSWER: sulfur [or S]

[10] Mustard gas is toxic because it undergoes this type of reaction, in which the chloride ion is the leaving group. S<sub>N</sub>2 reactions are examples of these substitutions, which involve their namesake electron pair donors.

ANSWER: nucleophilic substitution <WR>

19. In this novel, Godolphin searches for the heart of Vheissu (“vee-sue”) in Antarctica, only to find the corpse of a spider-monkey. For 10 points each:

[10] Name this novel that alternates between two plotlines, one involving Benny Profane and the Whole Sick Crew and the other involving Herbert Stencil, which converge over a search for the title figure.

ANSWER: V.

[10] This author of “Entropy” wrote *Bleeding Edge*, *V.*, and a novel in which Oedipa Maas becomes entangled with Trystero, *The Crying of Lot 49*.

ANSWER: Thomas Pynchon

[10] “A screaming comes across the sky” opens this Pynchon novel in which Tyrone Slothrop’s sexual encounters match up with V-2 rocket targets.

ANSWER: Gravity’s Rainbow <MZ>

20. Answer these questions about religious clothing for 10 points each.

[10] This head covering is worn by Sikh men, in part to cover their uncut hair. In Kenya, the Akurinu wear these, and pink ones are worn in India for marriage ceremonies.

ANSWER: turban [accept pagri, bulle, or dastar]

[10] Worn by Muslim women, it is a full-body covering meant to fulfill the requirements of hijab. Some say that the veil portion of this garment is unnecessary in the presence of blind or gay men.

ANSWER: burqa

[10] Jews wear these knotted fringes on each corner of their tallit, or prayer shawl. Meaning “tassel,” certain strands of this must be dyed the color tekhelet. They must be “created with intent.”

ANSWER: tzitzit <PS>

TB. Like an entr’acte, they can often be found between acts of an opera. For 10 points each:

[10] Name this type of connecting musical composition, the most famous of which was composed by Pietro Mascagni for string orchestra in his opera *Cavalleria rusticana*.

ANSWER: intermezzo

[10] Mascagni’s intermezzo is in this major key, which is also used in J. S. Bach’s first two Brandenburg Concertos. Its relative minor is D minor and it only has one flat.

ANSWER: F major

[10] F major is also used as the key in the “Autumn” movement of this Baroque composer’s *The Four Seasons*. His other violin concertos are collected in works such as *La stravaganza* and *L’estro Armonico*.

ANSWER: Antonio Vivaldi <WR>