

PRISON BOWL XII: DANIEL TOLD US NOT TO HAVE A SUBTITLE

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PACKET ONE

TOSSUPS

1.

Isaac Butt supported the independence of this country, for which Walter Long was Chief Secretary. The Revolutionary Dáil (“doyle”) was based in this country, whose independence war included one force led by Henry Hugh Tudor, the (*) Black and Tans. This country’s Civil War, with pro and anti-Treaty forces, was led on one side by Michael Collins and the other by Éamon (“aymen”) de Valera. Roger Casement aided a rebellion in this country headed at the General Post Office. For 10 points, name this country that advocated for Home Rule, where the Easter Rising occurred in Dublin.

ANSWER: Ireland <DM>

2.

In two paintings by this man made six years apart, Cleopas and another disciple eat with a beardless Christ around a darkly-lit table. This artist’s works’ lighting and emotions are often contrasted with Annibale Carracci’s. This artist’s early *Boy with a* (*) *Basket of Fruit* and *Cardsharps* show the start of his use of heavy chiaroscuro, termed tenebrism. One work by this artist quotes the hand of Adam in the Sistine Chapel in Christ’s hand as he points possibly to a bearded man in a ray of light. For 10 points, name this Baroque artist of *The Calling of St. Matthew* and a shield of Medusa.

ANSWER: Michelangelo Merisi da Caravaggio [accept either underlined part; the first paintings mentioned are *Supper at Emmaus*] <DM>

3.

Moderator Note: emphasize first name, last name, and surname

In Samuel Richardson’s novel *Clarissa*, a woman with this last name owns a brothel that the title character is tricked into entering. In a Herman Hesse novel, Max Demian tells the life story of a character with this surname whose first name is Emil. An author with this first name wrote works like *Elmer Gantry* and *It Can’t* (*) *Happen Here*, as well as one about residents of Gopher Prairie like Carol Kennicott. An author with this last name wrote a work about Jurgis Rudkus (“YER-giss RUD-kus”) that investigated the Chicago meatpacking district. For 10 points, give this surname of the author of *The Jungle*.

ANSWER: Sinclair [accept Mrs. Sinclair, Emil Sinclair, Sinclair Lewis, and Upton Sinclair] <RY>

4.

Benjamin Constant (“ben-zha-MAN con-STAHN”) defended this action in “On Political Reactions.” Friedrich Nietzsche (“FREE-drick NEE-chuh”) published a work examining this action and its alternative in a “Nonmoral Sense.” In *The Republic*, the division of humanity into metallurgical castes is known as the (*) ‘noble’ this action. Immanuel Kant wrote a tract *On a Supposed Right to Do* [This Thing] *From Altruistic Motives*, and Sam Harris’ treatise on it called it a denial of the right to reality. Emotional comfort is traded for truth in this action’s “white” form. For 10 points, name this act of false assertion.

ANSWER: lying [accept synonyms and word forms] <AJ>

5.

One type of these things is the pepo, and these things that develop from gynoecia (“jai-NEE-see-ah”) can be aggregates formed from multiple achenes. Examples of these structures with thick outer layers are called hesperidia. Bromelain can be extracted from one type of these things, as can pectin. When the ovary walls of these things harden, (*) nuts result. The consumption of this general class of things can help ward off scurvy, and these things tend to be high in both sugar and dietary fiber. For 10 points, what group of things includes tomatoes botanically but not culinarily?

ANSWER: **fruit** [accept **seeds** before “achenes” is read; antiprompt on specific types of fruit] <AJ>

6.

This man worked at Mailu before his more famous work. This man argued that most psychological complexes are cultural rather than universal, most prominently the Oedipus complex, and while he was a functionalist, this man’s work focused on culture meeting the needs of individuals. This man served as an advisor to Jomo Kenyatta and spent a decade conducting ethnographic research in the (*) Trobriand Islands, writing *Sex and Repression in a Savage Society* and detailing the Kula Ring. For 10 points, name this Polish-American sociologist, author of *Argonauts of the Western Pacific*.

ANSWER: Bronisław **Malinowski** [“BRAW-ni-swav mal-in-OV-ski”] <BL>

7.

Ichaboe Island in Namibia was valuable due to this product, and Alexander von Humboldt first popularized its use in Europe. Anybody who found land with this product, often obtained on the Chincha Islands, could annex it by its namesake “Islands Act.” Along with (*) saltpeter, this resource was heavily mined along the Pacific coast of South America. This resource was rendered obsolete by the Haber process and is most prominently produced by a cormorant. Containing much potassium, phosphorous, and nitrogen, for 10 points, name this fertilizer, the excrement of birds.

ANSWER: **guano** [generously prompt on **fertilizer** or descriptive answers] <DM>

8.

In this work, Jacopo offers to stay in the title location with the protagonist, who pretends to be injured. The protagonist of this work helps the fiance of Maximilian Morrel fake her death in order to save her from the mass poisoning of her stepmother Heloise; that fiance is (*) Valentine. The protagonist of this work’s various pseudonyms include Lord Wilmore and Abbe Busoni. This novel opens with Mondego, Danglars, and Villefort framing the protagonist of treason, leading to him meeting Abbe Faria in prison. For 10 points, name this novel with protagonist Edmond Dantes by Alexandre Dumas.

ANSWER: *The **Count of Monte Cristo*** <RY>

9.

This figure once indirectly caused the slaughter of the entire male population and Thracian slaves on Lemnos. In one painting, this figure stands in front of an arch formed by the branches of a fruit grove. One painting of this figure depicts two maids looking through a chest in the background and a (*) dog sleeping on the bed with the title figure “of Urbino.” This deity bribed a golden apple from Paris with the most beautiful woman in the world, starting the Trojan War, and she was painted standing nude on a seashell by Botticelli. For 10 points, name this Roman goddess of beauty and love.

ANSWER: **Venus** [prompt on **Aphrodite** until “Roman”; do not accept afterward; the first painting is *Primavera*] <RY>

10.

This man's namesake rings occur when light reflects between a spherical and a flat mirror, which he detailed while making reflecting telescopes. One namesake "method" of this man approximates a function's roots.

This man proposed the corpuscular theory of light and was the first to split light using a (*) prism. Along with the previous Lucasian Professor at Cambridge, this man invented the fluxion, creating calculus. The namesake of the SI unit of force, for 10 points, name this scientist with three namesake laws of motion who discovered the Law of Universal Gravitation.

ANSWER: Sir Isaac Newton <DM>

11.

Mir Sultan Khan became top 10 in the world in this sport in a few months. The attacker Rashid Nezhmetdinov got 10 brilliancy prizes in this sport, which also featured the "Evergreen Game." Siegbert Tarrasch lost an anticipated match against this sport's longest-time world champion, Emanuel Lasker. This sport's greatest female athletes include the (*) Polgar sisters. Paul Morphy played the "Opera House Game" in this sport, which ended with a queen sacrifice. For 10 points, name this sport played by Bobby Fischer on an 8x8 board with pieces such as bishops and knights.

ANSWER: chess [do not accept or prompt on other countries' variants of chess] <DM>

12.

One commander prior to this battle was slowed down by 125 captured wagons, and the word "mountains" in his orders have been often debated. In the leadup to this battle, one commander was late at Carlisle after leaving from Brandy Station, and he was J. E. B. ("jeb") Stuart, who arrived at this battle on its (*) second day. This battle ended with the failure of Pickett's Charge and the victory of George Meade. Ending the Lee's second invasion of the north, for 10 points, name this 1863 deadliest Civil War battle after which Abraham Lincoln gave a namesake address.

ANSWER: Battle of Gettysburg <DM>

13.

On one side on one of the Friedmann equations is this man's namesake parameter plus the spatial curvature times the speed of light; that parameter's derivative is proportional to the deceleration parameter. Georges Lemaître provided the first measure of this scientist's namesake constant. This scientist determined that a certain body was not in the (*) Milky Way and classified galaxies with a tuning fork diagram. This scientist's namesake law determines the recessional velocity of a galaxy. For 10 points, name this American astronomer who names a space telescope launched in 1990.

ANSWER: Edwin Hubble <BC>

14.

The Surah Ma'idah concerns the consumption of this substance. Moses warned Aaron and his sons against consuming this substance. It's not matzah, but Jews were often accused of mixing blood into this substance. A blessing of this substance joins (*) HaMotzi and the blessing over the candles as one of the three blessings of Shabbat. Four cups of this substance are consumed during the Passover Seder. The sacramental union joins the essence of this substance with the blood of Christ. For 10 points, Jesus transformed water into what alcoholic beverage?

ANSWER: wine [accept alcohol or ethanol before "blessing," and prompt afterward] <AJ>

15.

One character in this novel uses the name Morris Boulter when he joins a gang, and another character is sent to a penal colony for stealing a snuffbox. One character in this work accidentally hangs himself while hallucinating about the girlfriend he murdered and is named Bill (*) Sikes. In this novel, Saffron Hill is the headquarters of a gang of pickpockets led by Fagin, a member of which is nicknamed “the Artful Dodger.” For 10 points, name this novel by Charles Dickens whose title orphan begs a workhouse manager, “Please, sir, I want some more.”

ANSWER: Oliver Twist; or, *The Parish Boy's Progress* <RY>

16.

In the Hunsdiecker (“hoozn-DYECK-er”) reaction, silver salts lose this functional group and the Barbier-Wieland degradation is performed on compounds with this functional group. This functional group can be removed from a molecule via Kolbe electrolysis. This functional group differs from amides by having OH in place of NH₂. Oxidation of aldehydes or (*) primary alcohols forms molecules with this functional group. Molecules with this functional group are Bronsted-Lowry acids, and examples include formic and acetic acids. For 10 points, name this organic acid functional group with formula C-O-O-H.

ANSWER: carboxyl group [accept COOH before read] <AJ>

17.

One side in this war captured a city after the other side's failed assault on Manjuyama Hill. The Retizvan was damaged in this war's first battle and later saved its fleet's flagship with a daring charge after Admiral Wilhelm Withöft was killed. The last land battle of this war ended with the retreat of Alexei Kuropatkin's army from (*) Mukden. In this war, Togo Heihachiro destroyed the Baltic Fleet at the Battle of Tsushima. For 10 points, name this war that saw the Japanese gain control of the South Manchurian Railway, half of Sakhalin, and Port Arthur against a namesake European power.

ANSWER: Russo-Japanese War [accept Japanese-Russian War] <BKC>

18.

The Shaybanids were based in this country, whose city of Qarshi was the last capital of the Chagatai Khanate. Kantubek in this country is a ghost town where the Department of Defense neutralized over 100 tons of anthrax. A pass to the east of this country connects the neighboring city of Osh with this country's (*) Fergana Valley. This country contains the lower reaches of the Amu Darya, where extensive cotton production has dried up the southern half of the Aral Sea. For 10 points, name this doubly landlocked country with capital Tashkent, directly south of Kazakhstan and west of Kyrgyzstan.

ANSWER: Republic of Uzbekistan [accept O'zbekiston Respublikasi] <DM>

19.

Moderator Note: Read score clues slowly

The beginning of one of this composer's preludes uses an “F D F G C D” motif in the left hand before two major seconds are played in the right hand. A Paul Verlaine poem inspired the third movement of this composer's Bergamasque suite, and a symphonic poem of his was inspired by a Stéphane Mallarmé poem about a (*) goat-man meeting nymphs. This composer of *Pelléas et Mélisande* included “Doctor Gradus ad Parnassum” and “Golliwog's Cakewalk” in his *Children's Corner* suite. For 10 points, name this French impressionist composer of pieces such as *La Mer* and *Clair de Lune*.

ANSWER: Claude Debussy [The score clue is “Jimbo's Lullaby”; the goat-man piece is “Prelude to the Afternoon of a Faun”] <EC>

20.

One of these animals called Blue cries with Benji after Roskus dies in *The Sound and the Fury*. One of these animals creates a paradox alongside the Teumessian fox, and Virginia Woolf wrote from one of these animals' perspectives in *Flush*. A two-headed one called Orthrus was killed by (*) Heracles on his 10th labor for the cattle of Geryon. One of these animals beats Spitz in a fight, and another called Argos died soon after seeing his master Odysseus for the first time in twenty years. For 10 points, name this animal, examples of which include Buck in *The Call of the Wild* and Cerberus in Greek mythology.

ANSWER: dog <RY>

TB.

In newborns, a high IRT concentration can indicate this disease, which can lead to obstruction of the pancreatic ducts. Clubbed fingers and fatty stool are signs of this disease. The delta-F508 mutation on chromosome 7 causes 90% of all cases of this disease detected by the (*) sweat test. This disease leads to a congenital absence of the vas deferens and is caused by a mutation in the CFTR gene that stops chloride ion transport through the cell membrane. For 10 points, name this genetic disease that leads to mucus buildup in the lungs.

ANSWER: cystic fibrosis [prompt on CF] <BC>

BONUSES

1.

This island's dragon blood trees are nearing extinction from decreasing mist levels. For 10 points each:

[10] Name this island off the Horn of Africa known for its many endemic species, including the cucumber tree and a species of aloe.

ANSWER: **Socotra**

[10] Socotra is part of this country with capital Sanaa. It is separated from the mainland of this country by the Gulf of Aden.

ANSWER: Republic of **Yemen**

[10] Socotra was the source of this valuable resin during ancient times, which the Three Magi brought to the infant Christ along with gold and myrrh.

ANSWER: **frankincense** <DM>

2.

We hope you know your calculus! For 10 points each:

[10] Name this operation defined as the difference between the antiderivatives calculated at its boundaries in the fundamental theorem of calculus. It is commonly known as the area under a curve.

ANSWER: **integral** [accept **integration**; accept **definite integral**]

[10] This man invented and names one method of approximating the integral, where the area under the curve is divided into rectangles and individually computed for each one.

ANSWER: **Riemann** [accept **Riemann sum** or **Riemann method**]

[10] While it isn't a Riemann summation, this function's improper integral can be approximated with the sum from $k = 0$ to infinity of 1 over k factorial, plus a constant.

ANSWER: **e^x** ("e to the x") [prompt on **exponential**] <EC>

3.

After the US took over this archipelago, it dealt with a Moro insurgency for the next 14 years. For 10 points each:

[10] Name this archipelago with capital Manila that the US took in 1898 in the Spanish-American War. The US returned it to native sovereignty in 1946, following Douglas MacArthur's liberation of it during WWII.

ANSWER: The **Philippines**

[10] This first president of the Philippine Republic was ousted by the American troops in 1901 and previously led the anti-Spanish revolt. He later lost the first election of the Commonwealth of the Philippines to Manuel Quezon.

ANSWER: Emilio **Aguinaldo**

[10] This first Governor-General of the Philippines resigned to become Secretary of War under Theodore Roosevelt. He aimed for interracial cooperation for expedited self-government, a view opposed by his predecessor, the military governor Arthur MacArthur Jr.

ANSWER: William Howard **Taft** <DM>

4.

For ten points each, answer some questions about early films.

[10] This film was directed and starred in by George Méliès. This 12 minute long film inspired by Jules Verne features a cannon propelled capsule crashing into the eye of title location.

ANSWER: **A Trip to the Moon** [Accept **La Voyage dans la Lune**]

[10] This man used the Black Maria as his film studio, but is perhaps more famous for being the inventor of the incandescent light bulb and for pioneering the use of direct current.

ANSWER: Thomas Alva **Edison**

[10] Edison is misassociated with the death of this animal. This elephant was electrocuted at Coney Island in 1902, and her death was recorded by employees of the Edison company in the film *Electrocuting an Elephant*.

ANSWER: **Topsy** <EL>

5.

The small town of Bingen-am-Rhine has been influential in culture for centuries. For 10 points each:

[10] The popular ballad “Bingen on the Rhine” was written by Caroline Norton, an author in this country. Norton campaigned for human rights in this country, even sending a letter to Queen Victoria.

ANSWER: **United Kingdom** [accept **England, Britain**, etc.]

[10] A folktale about the cruel Bishop Hatto eaten alive about mice in Bingen’s “Mouse Tower” inspired “God’s Judgment on a Wicked Bishop” by Robert Southey, a member of this group of British Romantic poets.

ANSWER: **Lake Poets**

[10] Hildegard von Bingen’s *Ordo Virtutum* is the earliest known example of these works. In these works, the protagonist is pushed toward either good or evil by personifications of various attributes.

ANSWER: **morality plays** [prompt on **play**] <DM>

6.

Time to learn about the history of young earth creationism in earth science! For 10 points each:

[10] It’s not around 5500 BC, but give, within 400 years, the year in which various 17th century scholars calculated the earth was created, using the Hebrew Masoretic text. Perhaps non-coincidentally, the Uruk period in Mesopotamia began around this time.

ANSWER: **4004 BC** [accept answers within **4404-3604** BC]

[10] Young earth creationists assume that stratification in sediments and rocks occurred due to this cataclysmic event, rejecting uniformitarianism. In the Bible, Noah and his family were the only humans to survive this event.

ANSWER: Biblical **flood**

[10] This Irish archbishop made the most popular young estimate of the world’s age at 4004 BC by consulting the Bible’s various lists of reigns and dates and using various ancient texts to pinpoint dates of events in the Bible.

ANSWER: James **Ussher** <DM>

7.

Cloud seeding involves putting nucleation sites into the air when it has this property. For 10 points each:

[10] Name this property. In solutions with this property, the solvent has dissolved more solute than it can hold stably.

ANSWER: **supersaturation** [accept word forms; do not accept or prompt “saturation”]

[10] Normally when extra solute is introduced into a saturated solution, it will settle out in this process. In this process, a solid is created out of a solution. When this process occurs in clouds, it rains.

ANSWER: **precipitation** [accept word forms]

[10] To supersaturate a solution, not only can you increase the temperature, but you can also increase this quantity. In a fluid, this quantity decreases as speed increases.

ANSWER: **pressure** <BC>

8.

It's never too early to start running for president! For 10 points each, name some 2020 presidential candidates.

[10] In the 24 hours after this politician announced his candidacy, he raised over 5.4 million dollars, setting a new record. In 2016, this Vermont senator finished behind Hillary Clinton in the race for the Democratic nomination.

ANSWER: Bernard "Bernie" **Sanders** [prompt on **Bernie**]

[10] This former hedge fund manager announced his candidacy in July, and failed to qualify for the September debates but qualified for the October debates. This person also began the Need to Impeach campaign.

ANSWER: Tom **Steuer**

[10] This Hawaii representative's former anti-LGBT views have attracted criticism from certain Democrats, threatening to derail her campaign. She is both the first Samoan-American and first Hindu in Congress.

ANSWER: Tulsi **Gabbard** <BC>

9.

Name some things about the Vikings' farthest raids.

[10] Hastein attacked the city of Luna in this country by pretending to die and getting brought into the city in his coffin. He later sacked Pisa, also in this country.

ANSWER: **Italy**

[10] Leif Ericson named three regions he discovered west of Greenland, including Vinland, modern-day Newfoundland. Name either of the other two regions.

ANSWER: **Markland** or **Helluland**

[10] The Vikings also attacked the Black Sea by travelling along this river after some portage in Russia. This river travels through Kiev.

ANSWER: **Dnieper** <DM>

10.

This author's explorations of infinity include "The Book of Sand" and a story about a point containing all other points, "The Aleph." For 10 points each:

[10] Name this Argentine author of short stories like "The Library of Babel."

ANSWER: Jorge Luis **Borges**

[10] Borges suffered from this affliction, which he discussed in a namesake poem which reads in part, "a luminous mist surrounds me." In Borges' short story "The Maker," Homer gradually becomes afflicted by this condition.

ANSWER: **blindness** [accept "**On His Blindness**"]

[10] Perhaps Borges's most famous work is "The Garden of Forking Paths," which centers on this man, a spy for the Germans and great-grandson of the mysterious author Ts'ui Pen.

ANSWER: (Doctor) Yu **Tsun** <CO>

11.

Recently, it was found that these instruments in a notable piece should not have been pitched in A, B, C, and D and that those markings in the score were rather indications of which of them (labeled A, B, C, and D) to use. For 10 points each:

[10] Name these instruments played by squeezing a bulb to create a note of predetermined pitch. The objects in which these instruments were originally used were notably commandeered by Joseph Gallieni.

ANSWER: Parisian **taxi horns** [do not accept or prompt on "horn"]

[10] The taxi horns were used prominently in this jazz-influenced "rhapsodic" piece, reflecting the composer's impressions of Paris, where he was studying piano.

ANSWER: *An **American in Paris***

[10] *An American in Paris* was written by this composer, who also wrote *Porgy and Bess*.

ANSWER: George **Gershwin** [do not accept or prompt on "Ira Gershwin"] <DM>

12.

Wake Island is a US possession in the western Pacific. Time to answer some science questions about events that happened on it! For 10 points each:

[10] The Wake Island Rail gained this status sometime between 1942 and 1945 due to starving, besieged Japanese defenders overhunting it. A species gains this status when its last member dies.

ANSWER: **extinct**

[10] When Pan American Airlines established PAA-ville on Wake Island for workers, it used this technique to grow terrestrial vegetables with water instead of with soil, due to the island's lack of significant natural soil.

ANSWER: **hydroponics** [accept **hydroculture**; do not accept "aquaculture"]

[10] When the first Japanese were found on Wake Island following American control, the American vessel present helped treat a man with beriberi, caused by the lack of this vitamin.

ANSWER: Vitamin **B1** [accept **thiamine**; prompt on Vitamin **B**] <DM>

13.

In this novel, the title character tries to take care of Lara after she accidentally shoots Kornakov, but is called home due to an abrupt death. For 10 points each:

[10] Name this novel which features the title man from 1905 to World War II, which was censored by the author's home government.

ANSWER: ***Doctor Zhivago***

[10] *Doctor Zhivago* was written by this author, who also translated plays by Goethe ("GER-tah") and Shakespeare, and wrote works such as *My Sister, Life*.

ANSWER: Boris **Pasternak**

[10] *Doctor Zhivago* won Pasternak this prestigious award, but he was not allowed to receive it by the Soviet government. Other winners of this award include Bob Dylan and Jean-Paul Sartre.

ANSWER: **Nobel** Prize in **Literature** [prompt on **Nobel Prize**] <PO>

14.

Answer the following about homosexuality in Ancient Greece. For 10 points each:

[10] The term "lesbian" derives from Lesbos, due to it being the home of this supposedly bisexual poet of the "Ode to Aphrodite."

ANSWER: **Sappho**

[10] This elite unit of the Theban military, which consisted of 150 pairs of male lovers, was often thought to be invincible until it lost to Philip of Macedon's army at the Battle of Chaeronea.

ANSWER: **Sacred Band** of Thebes

[10] Alexander the Great had an intimate relationship with this member of his personal bodyguard, about whom he once said: "He too is Alexander." After his death, Alexander asked an oracle to grant this man divine status.

ANSWER: **Hephaestion** <CO>

15.

This painting's subject holds a paper in his left hand that says "given that I am unhappy, I have a right to your help."
For 10 points each:

[10] Name this painting in which the dead subject holds paper dated to the 13th of July, 1793.

ANSWER: The Death of Marat [accept *La Mort de Marat* or *Marat Assassiné*]

[10] *The Death of Marat* is by this revolutionary French painter of *Oath of the Horatii* and *The Tennis Court Oath*.

ANSWER: Jacques-Louis David ("da-VEED")

[10] David depicted Napoleon crossing the Alps with these two other men's names inscribed in the ground below him.

ANSWER: Hannibal Barca and Charlemagne [prompt on partial answer; accept Carolus Magnus for Charlemagne] <AJ>

16.

This woman fled from Austria following the Anschluss ("ansh-loose"). For 10 points each:

[10] Name this founder of child psychoanalysis who invented the concept of defense mechanisms. Her father is known for his work on the Oedipus complex.

ANSWER: Anna Freud [prompt on partial]

[10] This type of defense mechanism results when socially unacceptable behaviors are reinterpreted as socially acceptable ones.

ANSWER: sublimation

[10] Another example of a defense mechanism is this action which can defuse tension. Examples of this action include satire.

ANSWER: humor [accept obvious equivalents, like telling a joke] <AJ>

17.

For 10 points each, name some things about literary works titled after deaths.

[10] A Carlos Fuentes novel is titled after the death of this business tycoon. This man's wife Theresa and daughter Catalina gather around his deathbed in that work.

ANSWER: (*The Death of*) Artemio Cruz

[10] One poem written by Robert Frost is titled after the death of this figure. The poem is framed around a conversation between Mary and Warren, arguing over whether to allow this title figure to work for them again as a haymaker.

ANSWER: the Hired Man [accept "The Death of the Hired Man"; accept Silas]

[10] *The Death of Ivan Ilyich*, in which the title character dies while hanging curtains, is a work by this author of *War and Peace*.

ANSWER: Leo Tolstoy <RY>

18.

For 10 points each, answer some questions about the role of alcohol in mythology:

[10] This Japanese drink is a symbol of Inari Okami, the kami of fertility and was used to bait the serpent Orochi.

ANSWER: sake [do not accept "soju"]

[10] The Mead of Poetry, created from honey and the blood of this wise person, grants the recipient the ability to answer any question.

ANSWER: Kvasir

[10] In one Egyptian myth, beer is dyed with pomegranate juice or ochre to resemble blood and used to lull the lion goddess Sekhmet to sleep, transforming her into this goddess.

ANSWER: Hathor <DS>

19.

The coefficient in this law can either be written in terms of k or epsilon-naught. For 10 points each:

[10] Name this law which states that the strength of the electrostatic force between two charges is proportional to the product of the charges over their distance squared.

ANSWER: **Coulomb's** Law

[10] The proportionality constant in Coulomb's Law, k , is equal to 1 over the quantity 4 pi times the reciprocal of this value denoted epsilon-naught.

ANSWER: **vacuum permittivity** [accept **permittivity of free space**; prompt on partial answer; do not accept anything with "permeability"]

[10] In this system of units, k has the numerical value of 1, as do c and big G .

ANSWER: **Planck** units <DM>

20.

Time to learn about the Seljuks! For 10 points each:

[10] The Seljuks were of this ethnic group, shared by the rulers of the later Ottoman Sultanate. The modern country named after this ethnic group has capital at Ankara.

ANSWER: **Turks** [accept **Turkic**; do not accept or prompt on "Turkish," because that is a nationality, not ethnic group]

[10] One faction of the Seljuks splintered from the main empire and created this sultanate in Anatolia after defeating the Byzantines at Manzikert in 1071. At its height, it had its capital at Konya, or Iconium.

ANSWER: Sultanate of **Rum**

[10] The Seljuks displaced many people of this ethnicity, who then established a namesake kingdom in Cilicia. These Christians then allowed the First Crusade to pass through their new land.

ANSWER: **Armenians** <DM>

TB.

This composer inspired Arnold Schoenberg's early work. For 10 points each:

[10] Name this Romantic era composer who carried on a platonic relationship with Clara Schumann after her husband's death. Two of his most famous works are *A German Requiem* and his first symphony, often called "Beethoven's 10th."

ANSWER: Johannes **Brahms**

[10] Brahms wrote 21 of these pieces for piano four hands, then arranged the first ten for solo piano; however, all of them have been orchestrated. They also inspired a group of 16 similarly named pieces by Dvorak.

ANSWER: **Hungarian Dances**

[10] The most famous dance, No. 5, is in this key. *Variations on a Theme by Haydn*, another work by Brahms, is in B-flat major, the relative major of this key.

ANSWER: **G minor** [prompt on **G**] <BD>