

PRISON BOWL XI: WE LOVE NO FISH

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PACKET ONE

Tossups

1.

This thinker's first work in his main area of study argued against "soul sleep." Despite writing *Response to Questions and Objections of a Certain Jew*, this thinker said that anyone "obey[ing] the commands by faith working through love" belonged to the New Covenant. Martin Bucer invited this thinker to (*) Strasbourg, and one of his followers was Theodore Beza. This thinker largely agreed with Huldrych Zwingli about the Eucharist and wrote *Institutes of the Christian Religion*. Adherents of this thinker's namesake sect believe in predestination. For 10 points, name this early Protestant leader from Geneva.

ANSWER: John Calvin [accept Jehan Cauvin] <CL>

2.

The geometry of these entities can be approximated by Flamm's paraboloid. One quantity related to these entities is equal to two times mass times "big G" divided by another constant squared. Under certain circumstances, these entities exhibit the Lense-Thirring effect, according to the Kerr metric. The (*) Penrose process transfers momentum from these entities to objects passing through their ergosphere. These entities can be characterized by three externally observable properties, and they are surrounded by an event horizon inside which the escape velocity is greater than the speed of light. For 10 points, name these massive objects from which light cannot escape.

ANSWER: black holes <BC>

3.

One of these non-human animals appears below four expressionless Biblical figures in Paul Gauguin's *The Green Christ*. In another work, one of these animals stands behind a column adorned with bronze dragons in the fountain of life. One poem describes one of these animals "[m]aking all the vales rejoice" and asks it, (*) "Dost thou know who made thee[?]" That poem titled for one of these animals is found in *Songs of Innocence*. One Jan van Eyck artwork sometimes titled for the "Adoration" of one of these animals is more commonly known as the *Ghent Altarpiece*. For 10 points, identify these animals which may be "sacrificial" and will be eventually become adult sheep.

ANSWER: lambs [prompt on baby sheep until mention; prompt on ewes or rams] <CL>

4.

The Holidays with Pay Act was passed under this man. As Chancellor, this man advocated for the “Imperial Preference” policy of his father, Joseph. This man used Walter Runciman and the Earl of Halifax to negotiate with men such as Konstantin von Neurath, and he signed one agreement on September 30, which (*) Slovaks refer to as a diktat. This man resigned after a disastrous invasion of Norway and was attacked in the book *The Gathering Storm* for his policy of appeasement. For 10 points, name this British prime minister who infamously declared “peace in our time” after surrendering Czechoslovakian territory to Hitler, the predecessor to Winston Churchill.

ANSWER: (Arthur) Neville Chamberlain <GA/BL>

5.

In one poem by this writer, a golden eagle lifts the speaker away from a glass temple to Venus, and a short work by him features Anelida. This author of *The House of Fame* also wrote an instruction manual on the use of the astrolabe and helped establish St. Valentine’s Day as a romantic holiday in *The Parlement of (*) Foules*. Nicholas and Alisoun trick John into sleeping in a tub in a section of a work by this author which also features a story in which a knight is tasked with learning what women want. A group of travelers stop at the Tabard Inn in this author’s most famous work’s General Prologue. For 10 points, name this Medieval English author of *The Canterbury Tales*.

ANSWER: Geoffrey Chaucer <CL>

6.

In a lengthy section in this work, one figure asks another to identify an “improver.” Near the beginning of this work, it asserts that poets do not understand their own poetry while attempting to resolve a divine paradox as reported by Chaerephon (“KAI-re-fo”). This work argues that because no one can know what happens after (*) death, there is no reason to fear it. In this work, while talking to Meletus, the central figure compares himself to a gadfly and asserts that his wisdom stems from recognition of his ignorance as he responds to accusations of atheism and corrupting the youth. For 10 points, identify this Socratic dialogue by Plato which details Socrates’s defense at his trial.

ANSWER: The Apology of Socrates [or Apologia Socratis] <CL>

7.

One revolution erupted in this country after the exile of Saad Zaghlul. The sister of one ruler in this country was married to a Shah of Iran in 1939. A leader of this country was assassinated during a victory parade celebrating Operation Badr. This country’s last monarch succeeded his father Fuad I and was overthrown by the (*) Free Officers Movement. The closing of the Straits of Tiran by this nation sparked the Six Days War. In 2011, an estimated one million people in this country protested in Tahrir Square, leading to the downfall of Hosni Mubarak. For 10 points, name this nation home to Gamal Abdel Nasser.

ANSWER: Arabic Republic of Egypt [accept Misr; accept Khemi] <BL>

8.

This quantity is determined to be non-zero by an accelerating reference frame through a vacuum in the Unruh effect. This quantity for electrons following a certain probability distribution is multiplied by the number density and the Boltzmann constant to find the plasma pressure. This quantity can be measured on the (*) Rankine scale, and changes in it for air cause mirages. This quantity for an enclosed gas is directly proportional to pressure, according to Gay-Lussac’s law, and it is multiplied by the number of moles and a constant symbolized R on one side of the ideal gas law. For 10 points, name this quantity that can be measured on the Kelvin scale.

ANSWER: temperature [prompt on T; do not accept or prompt on “heat”] <AJ>

9.

This man described Skaya in his book *My Trip Abroad*, and later featured her in *A Countess from Hong Kong*. One work by this man, in which the main character learns of a Viennese man's blindness cure, repeatedly uses the song "La Violetera," which is about a flower girl. Larsen wreaks havoc for two of this man's characters, Jim and the Lone Prospector, in *The (*) Gold Rush*. In one work, this man played an assembly line worker in his "Tramp" persona, while in another, he used the fictional country of Tomania to satirize Adolf Hitler. Often wearing a bowler hat with a cane, for 10 points, name this filmmaker behind *City Lights*, *Modern Times*, and *The Great Dictator*, a star of silent film.

ANSWER: Charles "Charlie" (Spencer) **Chaplin** <CL>

10.

One character in this novel remembers a garden with "the smell of turned earth, the plump shapes of bulbs" as a symbol of motherhood and sits on a pillow embroidered with "FAITH." One character in this novel leaves the "Red Center" by attacking Aunt Elizabeth. Knotly Wade appears in the epilogue of this novel, explaining tapes with Professor (*) Pieixoto ("pee-ex-OH-to"). The protagonist of this novel learns the code word "Mayday" from Moira and is forced to work for the husband of Serena Joy, the Commander, in the Republic of Gilead. For 10 points, name this novel about Offred, a dystopian novel by Margaret Atwood.

ANSWER: *The **Handmaid's Tale*** <AL/CL>

11.

In this city, a pseudonymous author named Anthony Benezet wrote demanding the use of African-American nurses. One major event in this city began at the Arch Street Wharf. Bishop Richard Allen founded the African Methodist Episcopal Church in this city. It's not Boston, but one man associated with this city published several works as Mrs. Silence Dogood and invented a namesake (*) stove. Benjamin Rush was a politician and doctor in this city, where he helped combat a 1793 yellow fever epidemic. The Olive Branch Petition was drafted in this city as part of the Second Continental Congress. For 10 points, name this city home to Benjamin Franklin and the Liberty Bell.

ANSWER: **Philadelphia** <ML>

12.

The Chuvash people live primarily on an upland named after this river. The middle section of this river, which rises in the Valdai Hills, is determined by its confluences with the Oka and Kama rivers. Another name for this river is Ídel ("ID-il"), and at the confluence of this river with the Kazanka River lies the capital of (*) Tatarstan, Kazan. A city now named after this river received the title Hero City in 1945, and, on the Mamayev Kurgan, contains the statue "The Motherland Calls." This river passes through Astrakhan before flowing into the Caspian Sea. For 10 points, name this Russian river, the longest river in Europe.

ANSWER: **Volga** River <CO>

13.

It's not snow, but this phenomenon is involved in the formation of gastrugi. Based on the time of day at which it is present, this phenomenon can be classified as "land" or "sea," and the station model represents this phenomenon in part with flags. This phenomenon forms systems named for (*) Hadley and Ferrel, known as cells. Sudden examples of this phenomenon, which are measured by the Beaufort scale, include the squamish and willawaw. One prevailing form of this phenomenon which is often called either "wet" or "dry" and travels across South Asia is a monsoon. For 10 points, give this phenomenon that names a meteorological "chill," which can be classified as a breeze or gale.

ANSWER: **winds** [accept obvious equivalents not yet mentioned] <AJ>

14.

One character in this play thanks his friend for sending a custard to his sick mother. The “Varsouviana” is a recurring song in this play, because one woman once heard it at the Moon Lake Casino with Allan Grey. The costume jewelry of one character in this play causes her brother-in-law to cite the Napoleonic code. That brother-in-law later throws a (*) radio out a window in this play featuring a “Blue Piano.” A character in this play who loses Belle Reve later says she has “always depended on the kindness of strangers” before being institutionalized. For 10 points, name this play set in New Orleans about Stanley and Stella Kowalski and Blanche DuBois, a work of Tennessee Williams.

ANSWER: A Streetcar Named Desire [prompt on Streetcar] <CL>

15.

This composer, who entered a competition with his *Sonatine*, dedicated each of five movements of one work to fellow “Hooligans,” such as “Sad Birds” and “A Boat on the Ocean.” One work by this composer frequently quotes a melody beginning with a sustained high C followed by “B C D C B A C.” Each of six movements of a piano suite by this composer honors a different (*) soldier. He’s not Russian, but this composer orchestrated *Pictures at an Exhibition*. This composer of *Miroirs* and *Pavane for a Dead Princess* wrote a piece for Ida Rubinstein which begins with a flute playing over a snare drum ostinato. For 10 points, name this French composer who wrote *Boléro*.

ANSWER: (Joseph) Maurice Ravel <AL/CL>

16.

The osphradium is a sensory organ in members of this phylum, and conchiolin is secreted by epithelial cells in members of this phylum to form the periostratum. They’re not arthropods, but members of this phylum use hemocyanins to transport oxygen. A structure in members of this phylum consists of the (*) odontophore and cuticula and is used for feeding. That structure is the radula. Members of this phylum can use their mantle cavity for breathing and movement, and they have a muscular foot. Cephalopods and bivalves are classes in this phylum. For 10 points, name this phylum including snails, mussels, and octopuses.

ANSWER: Mollusca [accept mollusks] <BC>

17.

According to a Tweet from one figure, this politician said of Hillary Clinton, “One must be able to lose with dignity.” After meeting with this politician, Halbe Zijlstra (“HAL-ba ZEEL-stra”) was replaced in March 2018 as Dutch Foreign Affairs Minister. This politician’s supporters shouted, “Krym nash,” after one of his actions in 2014. In 2005, this politician (*) stole Robert Kraft’s Super Bowl ring. A landmass shaped like Florida was targeted in a recent presentation by this politician about his country’s military, which claimed American defenses would be “useless” against his new nuclear weapons. For 10 points, name this alleged meddler in U.S. elections, the current President of the Russian Federation.

ANSWER: Vladimir (Vladimirovich) Putin <CL>

18.

In this novel, Crazy Leo appears at every funeral in a certain city, and Mr. Schmuh discovers a jazz band. One character in this novel earns the nickname Jesus after vandalizing a chocolate factory and makes a key decision due to the idea that he might have to be a grocer. Roswitha dies in this novel in which patrons cry at the (*) Onion Cellar. After finding a bloody ring finger, the protagonist of this novel is accused of killing Sister Dorothea. That protagonist of this first work of the *Danzig Trilogy* can shatter glass with his voice and stops growing at age three. For 10 points, name this novel about Oskar Matzerath, a work by Günter Grass.

ANSWER: *The Tin Drum* [accept *Die Blechtrommel*] <CL>

19.

This deity tried to hail a ride from a ferryman, actually his father in disguise, but was insulted and ended up having to walk around the river. This deity obtained a deep cauldron for the sea god Aegir (“EYE-geer”) by throwing a goblet at its owner’s head, and when his blood brother cut off his wife’s hair, he had it replaced with a gold headpiece; his wife was the goddess (*) Sif. When this god’s name was uttered, Loki’s flying with the gods ended, since this god was summoned when his name was spoken. This god failed to wrestle an old lady, a deity of old age in disguise, and was forced to dress as Freyja in order to recover his weapon Mjolnir. For 10 points, name this hammer-wielding Norse god of thunder.

ANSWER: **Thor** <RY>

20.

One noble with this name took rule after the death of his father Roger II and fought against his chancellor Maio of Bari. Two nobles of this name ruled as kings of Sicily, and another man of this name died while hunting in the New Forest. One man with this name received French support to win the Battle of (*) Val-es-Dunes. That ruler launched the Harrying of the North and married Matilda of Flanders, and he also compiled the Domesday Book and completed his conquest in 1066. For 10 points, give this name of a ruler who won the Battle of Hastings, known as the Conqueror.

ANSWER: **William** [accept **William** I of Sicily or **William** the Bad or **William** the Wicked; accept **William** II of England or **William** Rufus after “hunting”; accept **William** II of Sicily or **William** the Good after “Sicily”; accept **William** the Conqueror or **William** I of England or **William** the Bastard after “French”] <ML>

TB.

Cash gives this number of reasons for building his mother’s coffin on a bevel in *As I Lay Dying*, and the most famous work by Jay Asher has this number in the title. The clocks strike this number at the beginning of 1984. The speaker of one poem with this number in its title states, “I do not know which to prefer, / The (*) beauty of inflections / Or the beauty of innuendoes.” That poem with this number of sections opens with “Among twenty snowy mountains, / The only moving thing / Was the eye” of the title animal. For 10 points, name the number Wallace Stevens thinks there are of “Ways of Looking at a Blackbird,” also a common motif in horror novels.

ANSWER: **thirteen** <RY>

Bonuses

1.

For 10 points each, identify some things about *The Love Song of J. Alfred Prufrock* by T. S. Eliot.

[10] *Prufrock* contains a repeated couplet in which “the women come and go / Talking of” this artist, who painted scenes from Genesis on the ceiling of the Sistine Chapel.

ANSWER: **Michelangelo** di Lodovico Buonarroti Simoni [prompt on any non-underlined named]

[10] In another stanza, Prufrock exclaims, “No! I am not [this character], nor was meant to be.” This character laments, “How weary, stale, flat, and unprofitable / Seem to me all the uses of this world!” in a different work.

ANSWER: Prince **Hamlet** [do not accept anything else]

[10] *Prufrock* ends with “human voices [waking] us,” which causes this action to occur. Billy Collins wrote about “The Art of” performing this action.

ANSWER: we **drown** [accept word forms] <CL>

2.

This thinker’s lesser known work includes translations of histories of the Peloponnesian War. For 10 points each:

[10] Name this thinker who also wrote a history of the English Civil Wars entitled *Behemoth*. He also wrote a work which describes life as “solitary, poor, nasty, brutish, and short.”

ANSWER: Thomas **Hobbes** (of Malmesbury)

[10] Thomas Hobbes is most famous for writing this book of political philosophy which argues for absolute power vested in a single sovereign, a crucial early work in the theory of social contracts.

ANSWER: **Leviathan** or *The Matter, Forme and Power of a Common-Wealth Ecclesiasticall and Civil*

[10] Hobbes used this two word phrase, meaning “greatest evil,” to refer to the fear of death, but rejected the existence of its opposite, the greatest good.

ANSWER: **summum malum** [do not accept or prompt on “summum bonum”] <CL>

3.

This leader officially declared the return of imperial rule until 1868. For 10 points each:

[10] Name this Japanese emperor whose “restoration” ended the Tokugawa shogunate. His regnal name roughly translates to “Enlightened Rule.”

ANSWER: Emperor **Meiji** [accept **Meiji** Emperor; accept **Meiji** the Great; accept **Meiji**-tenno or **Meiji**-taitei; accept **Mutsuhito**]

[10] This document outlined a plan for the modernization of Japan during Meiji’s reign, and included the declaration that “[e]vil customs of the past shall be discontinued, and new customs shall be based on the just laws of nature.”

ANSWER: **Charter Oath** [accept Imperial **Oath** of/in **Five Articles**; accept **Gokajo no Goseimon**]

[10] This assassination plot against Meiji led to many leftists’ arrests, because it was organized by socialist-anarchists. It shares its name with a historical crime of disloyalty against the state contrasted with a “petty” counterpart.

ANSWER: **High Treason** Incident <CL>

4.

Water molecules cannot pass through the phospholipid bilayer of a cell membrane because they contain this kind of bond. For 10 points each:

[10] Name this type of covalent bond that occurs when electrons are more attracted to one atom than to another.

ANSWER: **polar** covalent bond [accept word forms]

[10] Polar bonds are caused due to differences in this quantity symbolized chi. This quantity is usually measured on the Pauling scale, on which fluorine is a 3.98.

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

[10] This other scientist suggested calculating electronegativity by finding the arithmetic mean of electron affinity and first ionization energy.

ANSWER: Robert (Sanderson) **Mulliken** [do not accept or prompt on "Millikan"] <AJ/CL>

5.

The title character of this musical founds "The Connor Project." For 10 points each:

[10] Name this Broadway musical which opened in 2016 and focuses on a teenager originally played by Ben Platt who pretends he was friends with a suicide victim. Songs from this musical include "Waving Through a Window."

ANSWER: ***Dear Evan Hansen***

[10] The music and lyrics for *Dear Evan Hansen* were written by this duo behind the songs in *Dogfight* and *The Greatest Showman*. They won an Academy Award for the song "City of Stars."

ANSWER: **Pasek and Paul** [accept Benj **Pasek** and Justin **Paul**; prompt on partial]

[10] "City of Stars" appears in this 2016 Damien Chazelle movie musical which stars Emma Stone and Ryan Gosling. Faye Dunaway incorrectly announced that this movie won an Academy Award for Best Picture.

ANSWER: ***La La Land*** <CL>

6.

For 10 points each, name some things about John Murray, the 4th Earl of Dunmore.

[10] Lord Dunmore was the last British governor of this colony, where he commanded troops at the Battle of Kemp's Landing in Princess Anne County. George Mason was a delegate from this state at the Constitutional Convention.

ANSWER: **Virginia**

[10] Lord Dunmore issued Dunmore's Proclamation, which ensured freedom to these people if they fought for the crown in the Revolutionary War.

ANSWER: **slaves** [or **enslaved** people]

[10] Lord Dunmore fought a war against these Native Americans, as well as the Mingo. One later leader of these people temporarily lived among the Chickamauga in the South.

ANSWER: **Shawnee** [accept **Shaawanwaki**; accept **Shawanoki**; accept **Shaawanowi lenaweeeki**] <CO>

7.

Proclus's axiom is equivalent to this statement. For 10 points each:

[10] Name this statement that states that if the interior angles formed by two lines and a transversal are less than 180 degrees, the lines must intersect.

ANSWER: **parallel postulate** [accept but otherwise do not reveal Euclid's **fifth postulate**]

[10] Another statement equivalent to the parallel postulate is this axiom by a Scottish mathematician. It states that for a line and a point not on the line, there is at most one line passing through the point parallel to the line.

ANSWER: **Playfair's** axiom

[10] The parallel postulate is one of the five postulates laid out by this ancient Greek mathematician in his text *Elements*. He also proved there are an infinite number of prime numbers.

ANSWER: **Euclid** of Alexandria <BC>

8.

This novel primarily follows the journey of Cora and Caesar. For 10 points each:

[10] Identify this 2016 novel which reimagines the title system of safe houses, which helped many people escape slavery and included such figures as Harriet Tubman, as an actual subway.

ANSWER: *The Underground Railroad*

[10] *The Underground Railroad* was written by this American author who also wrote *The Intuitionist*.

ANSWER: Colson Whitehead

[10] In 2002, Whitehead received this prize, often referred to as a “Genius Grant.” Other notable recipients of this prize include Jesmyn Ward and Lin-Manuel Miranda.

ANSWER: MacArthur Fellows Program [accept MacArthur Fellowship; accept MacArthur Genius Award; accept MacArthur Genius Grant] <CL>

9.

Then-graduate student Rosalie Rayner assisted in experiments conducted on this boy. For 10 points each:

[10] Identify this boy in whom Rayner and her professor attempted to develop a phobia of furry objects, using loud noises to scare him when he played with a rat. The name for this boy used by that experiment is shared by Einstein.

ANSWER: Little Albert [or Albert B.; accept William Barger; accept Douglas Merritte]

[10] Rayner’s professor, credited with designing the Little Albert experiment, was this developer of behaviorism. He also carried out the kerplunk experiment and his reputation was damaged by revelations of his affair with Rayner.

ANSWER: John (Broadus) Watson

[10] The Little Albert experiment was conducted at this university, where Woodrow Wilson earned his doctorate.

ANSWER: Johns Hopkins University [or JHU; prompt on Hopkins] <CL>

10.

A version of one of this artist’s works was damaged by a bomb in Cleveland in 1970. For 10 points each:

[10] Name this French sculptor who created *The Burghers of Calais* and *The Thinker*.

ANSWER: (François) Auguste (René) Rodin

[10] Rodin had a tumultuous relationship with this woman and model, a sculptor in her own right. She vividly depicted their split in *The Mature Age* and also sculpted a notable waltzing couple.

ANSWER: Camille Claudel

[10] Rodin was accused of using a live model to create a sculpture titled in part for this material. That sculpture was also made of this material, as were many of his other works, such as *The Man with the Broken Nose*.

ANSWER: bronze [accept *The Age of Bronze*] <CL>

11.

President Trump often refers to this person as “Rocket Man.” For 10 points each:

[10] Identify this current supreme leader of North Korea, who succeeded Kim Jong-il. Fears in the United States of this man ordering a nuclear attack mounted during 2017.

ANSWER: Kim Jong-un [prompt on partial]

[10] Fears about Kim Jong-un’s unpredictability exacerbated mass panic after residents of this state received an incorrect phone notification about an incoming attack on January 13, 2018, which included, “This is not a drill.”

ANSWER: Hawaii

[10] Despite controversy surrounding North Korea, its athletes competed with South Korea at the 2018 Winter Olympics. However, the only North Korean athletes to qualify for the games on merit alone competed in this sport.

ANSWER: pair (figure) skating [accept anything conveying that two people are figure skating together; prompt on partial; do not accept or prompt on “ice dance”] <CL>

12.

This economic bubble names a Noël Coward play. For 10 points each:

[10] Name this eighteenth century economic bubble in Britain, caused by a namesake joint-stock company's private assumption of the national debt.

ANSWER: **South Sea** (Company) Bubble

[10] The disgrace of many senior officials in the British government after the South Sea Bubble led by default to the rise of this politician whose government was dubbed the "Robinocracy."

ANSWER: Robert **Walpole**, 1st Earl of Oxford [accept Sir Robert **Walpole**]

[10] Robert Walpole is usually considered the first holder of this office currently held by Theresa May.

ANSWER: **Prime Minister** of the United Kingdom [accept **PM**; do not accept or prompt on "MP"] <CL>

13.

For 10 points each, identify some things about members of the Dumas family.

[10] The most famous member of the Dumas family was Alexandre Dumas, père, whose literary works include *The Count of Monte Cristo* and a novel named for three people with this profession: Porthos, Athos, and Aramis.

ANSWER: **musketeers** [accept **mousquetaires**]

[10] That Dumas's son, Alexandre Dumas, fils, was also a writer, perhaps best known for *The Lady of the Camellias*, which was eventually adapted into this Giuseppe Verdi opera in which Violetta gets tuberculosis.

ANSWER: **La traviata** [accept *The Fallen Woman*]

[10] The first Dumas's father and second Dumas's grandfather was a notable military man, the highest-ranking man of African descent to ever serve in any European army and the first person of color in France to achieve this rank between colonel and major general.

ANSWER: **brigadier** general [prompt on **general**; prompt on **Brig. Gen.**] <CL>

14.

For 10 points each, name some deities who sometimes took the form of a fish.

[10] This Hindu god's first avatar was Matsya, a fish. This "preserver" in the Trimurti had nine other avatars, including Krishna and Rama.

ANSWER: **Vishnu**

[10] This god transformed into a salmon while trying to run away from the rest of the Aesir, but was caught in a net. He was then bound up under a venomous snake will not be freed until the onset of Ragnarok.

ANSWER: **Loki**

[10] In Greek myth, this goddess and her child escaped the threat of Typhon by changing into fish that later became represented by the astrological sign Pisces.

ANSWER: **Aphrodite** <RY>

15.

For 10 points each, name some people who contributed to the development of atomic theory.

[10] This Ancient Greek philosopher, along with Leucippus, helped develop the term "atom" and theorized that matter was composed of indivisible, indestructible, and constantly moving particles.

ANSWER: **Democritus**

[10] This twentieth century Danish physicist worked with Ernest Rutherford to develop an atomic model featuring electron shell orbitals based on the hydrogen atom.

ANSWER: Niels (Henrik David) **Bohr**

[10] This botanist inadvertently contributed to atomic theory with his notes on the dust particles in certain pollen grains. He was also the first to note the distinction between angiosperms and gymnosperms.

ANSWER: Robert **Brown** [accept **Brownian** motion] <CL>

16.

This man toured the USSR in 1957 at the age of 24, despite the Cold War tensions between the USSR and his country. For 10 points each:

[10] Name this musician known for his staccatissimo style, who often played on pianos modified to create faster responsiveness to touch. He rejected public performance, preferring to create recordings with often unusual tempos.

ANSWER: Glenn **Gould**

[10] Glenn Gould was from this country, where his influential piano teacher Alberto Guerrero taught at the Toronto Conservatory of Music.

ANSWER: **Canada**

[10] Another Canadian recording musician, Lara St. John, set up her own studio for her recordings on this instrument. She struck controversy with a mostly nude photo on her album cover for Bach's Partitas for this instrument.

ANSWER: **violin** <DM>

17.

According to most accounts, these people rode black horses while on duty. For 10 points each:

[10] Identify these members of a political police force who also served as the personal guard for a certain sixteenth century leader. They sacked a city they suspected of contemplating defection to Lithuania during the Livonian War.

ANSWER: **oprichniki** [accept **oprichniks**]

[10] The oprichniki composed a force assembled by this tsar. This leader reigned shortly before the Time of Troubles and was succeeded by Feodor I.

ANSWER: **Ivan the Terrible** [or **Ivan the Fearsome** or **Ivan IV** Vasilyevich; accept **Ivan Grozny**; prompt on **Ivan**]

[10] One of the first challenges for Ivan the Terrible after his coronation was one of these events in Moscow in 1547. One of these disasters occurred in London in 1666, after which Christopher Wren rebuilt much of the city.

ANSWER: great **fires** [accept obvious equivalents] <CL>

18.

Celebrities are just like us, in that we probably shouldn't value their opinion too highly. For 10 points each, identify some things about why.

[10] Rapper B.o.B has repeatedly stated his belief in this conspiracy theory, and is thus attempting to raise funds for drones to "show him the curve." This conspiracy theory has believers all around the globe.

ANSWER: **the Earth is flat** [accept **Flat Earth** and equivalents; accept "**Flatline**"]

[10] Another supporter of "Flat Earth" is this Boston Celtics point guard, though he claims his intent is "for people to open up and do their own research."

ANSWER: **Kyrie** Andrew **Irving** [accept either]

[10] This actor in *Empire* and *Iron Man* reportedly spends up to 17 hours a day building models to prove his belief that $1 \times 1 = 2$. As he puts it, "One times one equals two because the square root of four is two, so what's the square root of two? Should be one, but we're told it's two, and that cannot be."

ANSWER: Terrence (Dashon) **Howard** <SB>

19.

The Seasons, a Lithuanian poem by Kristijonas Donelaitis (“KRIS-ti-yo-nas doe-NE-lie-tis”), is written in this meter. For 10 points each:

[10] Identify this meter named in part for a poetic foot consisting of a stressed syllable followed by two unstressed syllables. Henry Wadsworth Longfellow was criticized for using this meter to write *Evangeline*.

ANSWER: **dactylic hexameter** [prompt on partial]

[10] This epic poem is written in dactylic hexameter. A prophecy states that the protagonist of this epic poem will help build Alba Longa, and after leaving one city, that protagonist sees smoke from a funeral pyre.

ANSWER: *The Aeneid* [do not accept or prompt on “Aeneas”]

[10] This Roman poet of the *Eclogues* and the *Georgics* also wrote the *Aeneid*.

ANSWER: **Virgil** [or **Vergil**; accept Publius **Vergilius** Maro; prompt on **Publius** or **Maro**] <CL>

20.

These structures form after the formation of a cell plate. For 10 points each:

[10] Name these cellulose-based structures which are found in certain multicellular organisms. These structures are stretched outward when the cell is turgid and lie outside outside the cell membrane.

ANSWER: **plant cell walls** [accept equivalents that mention both **plants** and **cell walls**; prompt on **cell walls**]

[10] These channels in plant cell walls contain a section of specialized endoplasmic reticulum called the desmotubule. They enable transportation and communication between cells.

ANSWER: **plasmodesmata**

[10] Sieve elements in this structure also use plasmodesmata. This structure found in vascular plants moves soluble organic compounds throughout the organism.

ANSWER: **phloem** [accept **bast**; accept **liber**] <DM/CL>

TB.

For 10 points each, name some things about the music of London written by people not from London.

[10] This German composer was patronized by multiple kings of Britain, writing *Zadok the Priest* for George II’s coronation and *Water Music* for George I’s relaxation. He also wrote *Music for the Royal Fireworks*.

ANSWER: George Frederick **Handel** [accept Georg Friedrich **Handel**]

[10] While in London, Handel wrote his Opus 4 and Opus 7 for this instrument, played by both him and Dietrich Buxtehude. Those works were for the chamber version of this instrument, which is quiet enough not to drown out a smaller orchestra.

ANSWER: pipe **organ**

[10] A few years after Handel’s death, this member of the Bach family began composing in London and was subsequently known as the “London Bach.” A young Mozart stopped in London on tour and was heavily influenced by this composer’s style of concerto.

ANSWER: **Johann Christian** Bach <DM>