

PRISON BOWL XI: WE LOVE NO FISH

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PACKET TWELVE

Tossups

1.

They're not amino acids, but the Maillard reaction involves these chemicals. These chemicals' flammability led to a 2008 explosion in a Georgia facility producing these chemicals. These molecules can also be converted into volatile compounds like diacetyl via pyrolysis, and they can act as antigen-marking tags on the surfaces of cells. A reduction of one of these molecules yields (*) sorbitol. One of these types of molecules is split into two molecules of pyruvate in glycolysis, and the IUPAC suffix for these molecules is "-ose." For 10 points, name this class of carbohydrates that includes galactose, lactose, and glucose.

ANSWER: sugars [accept saccharides; accept monossaccharides or disaccharides or polyssaccharides; accept reducing sugars; prompt on carbohydrates] <AJ>

2.

NOTE TO MODERATORS: Read relatively slowly.

Given a chord in ascending order "B-flat G F-flat D," this number is the third highest in its figured bass representation. The major chord on a key's leading tone is the dominant of this scale degree of that key. If theme A in sonata-allegro form is minor, theme B is usually in the key of this scale degree. It's not (*) six, but in Renaissance polyphony, this number interval is a consonant imperfect interval. A Phrygian scale off of this scale degree shares its key signature with the tonic major. This scale degree is the mediant, named by the movable-do Solfege syllable "mi." For 10 points, which scale degree is E in the key of C?

ANSWER: three [accept word forms such as third] <DM>

3.

In 1986, John Earmer wrote a "primer" on this theory. Nancy Cartwright argued against this theory in *The Dappled World*, which elaborated on her so-called anti-laws view. This philosophical theory is analogous to the scientific billiard ball theory. A linguistic theory which (*) shares its name with this theory is the strong form of the Sapir-Whorf hypothesis, which says that language controls thought. The theory of compatibilism attempts to reconcile this theory with free will. For 10 points, name this theory which posits all events happen due to pre-existing circumstances.

ANSWER: causal determinism [accept word forms; prompt on there are laws of nature and equivalents until "anti-laws"] <CL>

4.

In her youth, one character in this play threatened to burn all the hair off a girl she mistakenly calls Thora, and Aunt Rina dies near its end. One character in this play asks her husband if another character had vine leaves in his hair the night before when he went to Mademoiselle Diana's. One character in this play asks a former lover to (*) die "beautifully," and in this play, Judge Brack helps George buy a house. The main character in this play burns the manuscript of a man to whom she gives a pistol, Eilert Lovborg. For 10 points, name this Henrik Ibsen play about the title manipulative daughter of a general.

ANSWER: Hedda Gabler <CL>

5.

One of these events began after thousands of soldiers from a neighboring country helped suppress the Donghak Rebellion. During one of these events, one country lost 157 out of 169 ships in the Battle of Chilcheollyang before a reinstated admiral won the Battle of Myeongnyang against a much larger fleet. That one of these events eventually ended at the Battle of (*) Noryang. The first of these events was repelled through Manchu reinforcements from the Ming, while the last occurred in the First Sino-Japanese War and ended the Choson dynasty. Famous for their turtle ships, for 10 points, name these East Asian invasions, in some of which Toyotomi Hideyoshi occupied Seoul.

ANSWER: Japanese invasions of Korea [accept clear equivalents; prompt on partial answer; prompt on naval invasions or sea voyages and equivalents] <DM>

6.

One man with this last name made a game-winning three-pointer from behind the backboard in his rookie year while sprinting to catch a pass. Another man with this last name famously joined forces with Dr. J and proclaimed that the Philadelphia 76ers would win the championship in "fo', fo', fo'." A man with this last name has the second most NBA points of all time and was known as the (*) "Mailman." That power forward with this last name had the ball stolen from him in Game 6 of the 1998 Finals by Michael Jordan before "the shot" and played the pick-and-roll with John Stockton on the Utah Jazz. For 10 points, give this last name of Jeff, Moses, and Karl.

ANSWER: Malone [accept Jeffery "Jeff" (Nigel) Malone; accept Moses (Eugene) Malone; accept Karl (Anthony) Malone] <DM>

7.

In this work, one character discovers his sight is returning when he can discern a chain around his wife's neck. In this novel, a sketch of Rosamond Oliver helps one character learn the protagonist's identity, and the final chapter opens, "Reader, I married him." A tombstone in this novel reads "Resurgam," and this novel's protagonist is confined to the (*) Red Room. This novel's protagonist, to whom St. John ("SIN-jin") proposes, is forced to stand on a stool by Mr. Brocklehurst at Lowood Institution. In this novel, Thornfield Hall is burned down by Bertha Mason, and the title character falls in love with Edward Rochester. For 10 points, name this most famous novel of Charlotte Brontë.

ANSWER: Jane Eyre [accept Jane Eyre: An Autobiography] <RY>

8.

One battle in this war gave its name to a word to describe particularly heavy fog. The occupation of one polity involved in this war was affirmed by the Treaty of Stettin. In this war, Hackapelite troops crossed the Lech River before the Battle of Rain, and one noble used innovative mobile field artillery to gain a decisive victory. In this war, the (*) Bohemian Revolt took place at White Mountain, where the man who later sacked Magdeburg defeated Frederick V. That man was Count Tilly. This war included the Battle of Breitenfeld and started with the defenestration of two Catholic officials in Prague. For 10 points, name this war ended by the Treaty of Westphalia, which lasted from 1618 to 1648.

ANSWER: **Thirty Years'** War [accept equivalents] <BL>

9.

Charcoal made from the wood of these plants is an important ingredient in the Lincoln County whiskey-making process. The fruits of these plants are known as samaras. It's not poplar, but the wood of this plant is used for the backs and flames of violins. These plants are members of the genus *Acer*. In (*) Japan, a festival celebrating the change in color of these plants is known as "momijigari." These plants have an opposite leaf arrangement with five jagged lobes and a branching vein pattern. One of these trees is *Acer saccharum*, or the "sugar" variety. For 10 points, name these trees with leaves that can be found on the Canadian flag.

ANSWER: **maple** trees [or **maples**; accept **Japanese maples** or **Japanese maple** trees before "saccharum" is read; generously prompt on **trees** before read] <AJ>

10.

Three wells were spread among these things, and one of them was given to the god of summer as a teething gift. A giant was prevented from entering one of these by a bonfire, and rulers of these things include Hreidmar and Surt. The building of a wall around one of these was delayed when Loki (*) shapeshifted into a mare. One of these things was named after a half-blue and half-flesh goddess. One of these things contained Valhalla and was connected to another by the rainbow bridge Bifrost. Yggdrasil connected these things, and was hence nicknamed after them. For 10 points, name these things that make up the cosmology of Norse mythology, such as Asgard and Midgard.

ANSWER: **worlds** of **Norse** myth [both parts necessary before "Norse" is mentioned; accept obvious equivalents for **worlds** like **realms**; prompt on **worlds** before "Norse"; prompt on **underworld** after "half-blue"] <RY>

11.

Leaders of two sides in this event met in 1054 and revoked decrees issued during this event. The turning point of this event was precipitated by Humbert of Silva Candida. One source of discontent leading up to this event included the Filioque clause, as were disputes over the Pentarchy and (*) clerical celibacy. During this event, Leo IX died before his excommunication decree was delivered to Michael Cerularius in the Hagia Sophia. The Fourth Crusade of 1204 deepened antagonisms which began in this event. For 10 points, name this 1054 split between the Eastern Orthodox and Roman Catholic churches.

ANSWER: **Great Schism** [accept **East-West Schism**; accept **Schism of 1054** before "1054"; prompt on descriptive answers; do not accept or prompt on "Western Schism"] <BL>

12.

Along with John Livingood, this scientist created iodine-131 to help treat thyroid disease and this scientist shared the Nobel Prize for Chemistry with Edwin McMillan in 1951. This scientist was a member of the team that discovered plutonium and chaired the AEC for ten years. He developed the actinide concept and secured patents for americium and curium while in Chicago to work on the (*) Manhattan Project. This scientist is the only person to have an element named after them while they are still alive. For 10 points, name this scientist who helped discover ten transuranic elements and is the namesake of element 106.

ANSWER: Glenn (Theodore) **Seaborg** <BC>

13.

One artist from this movement painted a rabbit in a basket underneath a doctor who performs the title action in *The Circumcision of Jesus*. In another work from this movement, a man holds a speckled skin over his knee and points upward. A disjointed figure holds a honeycomb behind one child who mischievously holds roses over his head in a work from this movement. That child, (*) Folly, is posed in figura serpentinata, a style from this movement. Members of its Italian school include Agnolo Bronzino and Parmigianino, who painted *Madonna with the Long Neck*. For 10 points, name this post-Renaissance movement whose proponents used elongated features for the human body.

ANSWER: **Mannerism** [accept Italian **Mannerism**; prompt on **Late Renaissance**; do not accept or prompt on “Renaissance” or “High Renaissance”] <GA>

14.

According to one doctrine sometimes abbreviated RBD, this process can be prevented from occurring by suspending convertibility. Thomas Sargent and Neil Wallace developed the rational expectations theory to explain why people experiencing the effects of this process over long periods of time are able to predict it, and one thinker stated that it is “always and everywhere a (*) monetary phenomenon.” According to Keynesian economics, this process can be caused by “cost push.” An extreme form of this process occurred in 1990s Zimbabwe and is called its “hyper” form. For 10 points, name this economic process which refers to an overall increase in prices.

ANSWER: **inflation** [accept word forms; accept **bank run** and equivalents or asset **loss** and equivalents until “Hayek”; prompt on **increasing prices** and equivalents until “overall increase”] <BL/CL>

15.

Grace Ansley and Alida Slade are childhood friends originally from this U.S. state in the story “Roman Fever.” One character from this state marries Gilbert Osmond after rejecting Warburton and Goodwood. Winterbourne finds one character from this state in the Colosseum. In this state, Lily Bart falls from high society in *The House of Mirth* and Newland Archer falls for Ellen (*) Olenska in *The Age of Innocence*. A billboard in this state features the bespectacled eyes of T. J. Eckleberg. A green light is visible from a dock in this state’s fictional town of West Egg. For 10 points, name this state, the setting of *The Great Gatsby* and *Washington Square* and the home of the Empire State Building.

ANSWER: **New York** <CL>

16.

This process is sometimes known as metousiosis, and it was linked to Aristotelian metaphysics in the twelfth century, when it was discovered that this process could not change its materials' accidents. This process occurs during the Anaphora according to one school of thought, and it was not infallibly defined until the Fourth (*) Lateran Council. Anglicans do not believe in the literal form of this process, which was described by Jesus after he said Judas would betray him. Jesus told his followers to cause this process to occur "in remembrance of me." For 10 points, name this process which occurs during the Eucharist in which bread and wine become the body and blood of Christ.

ANSWER: **transubstantiation** [accept word forms; accept **transformation** and equivalents until "Aristotelian" and prompt after until mention; prompt on the **Eucharist** and equivalents until mention; prompt on **communion** and equivalents; prompt on descriptions until "involves"] <AJ>

17.

Legendarily, the first beneficiary of this act convinced Gage County officials to open a government office in the early hours of New Year's Day. Ken Deardorff was the last beneficiary of this act which was essentially repealed in 1976 except for in Alaska. The passage of this act vastly decreased the invocations of the Preemption Act. The first person to benefit from this act was Daniel Freeman. (*) Conditions for using this act included building a large enough house and doing a minimum of five years' agricultural work on the plot acquired, which was usually located in the West. For 10 points, name this 1862 act which gave farmers free parcels of public land.

ANSWER: **Homestead** Act of 1862 <CL>

18.

This was the first language in its lineage to use class objects, an introduction inspired by the language Simula. Unlike later languages in its lineage, this language requires manual garbage collection. This programming language supports four types of memory management (*) objects described by the adjectives standard, thread, automatic, and dynamic. A print function in this language is called by using the command c-out. This language allows for object-oriented programming, as well as other decomposition paradigms, like modular programming. For 10 points, name this object-oriented extension to C.

ANSWER: **C++** [do not accept or prompt on "C"] <AJ>

19.

In one work, this character disguises himself as the cousin of a boy who has a crush on Amelia Harris, Danny. In a scene from a different work, this character acquires an iron object which was once used to measure the depths of floodwaters, and in a sequel to that work, this character is stuck in a dream world created by a fish demon. This character sometimes gets headaches from the (*) ring around his head, and runs through a waterfall on Flowers and Fruit Mountain. This character, who knows 72 transformations, protects the Monk Xuanzang ("SHU-an-tsang") on a certain expedition. For 10 points, name this Monkey King featured in *Journey to the West*.

ANSWER: **Sun Wukong** [accept **Monkey King** before read; prompt on partial] <BL/R/CL>

20.

This building displayed $E=mc^2$ in lights along its side for the 50th anniversary of Albert Einstein's death. Curled ornaments representing ceremonial scepters adorn the exterior of this building, which is the tallest LEED certified building in the world. This building is notable for holding the world's largest and heaviest tuned mass (*) damper and was designed by C. Y. Lee. The center of this building features eight segments of eight floors each stacked on top of each other, resembling an inverted pagoda. For 10 points, name this skyscraper named for the number of floors it contains, which is located in the capital of Taiwan.

ANSWER: (the) **Taipei 101** [accept **Taipei World Financial Center**; prompt on partial] <BL>

TB.

Michael Caine makes a cameo appearance in this film as Fortis Leader, whose voice is only heard over the radio. A ticking watch owned by this film's director is almost always heard on screen, until this film's final seconds, which take place on a train in (*) Surrey. Most characters in this film are not given names, such as a boat captain played by Mark Rylance and a soldier trying to get off a beach played by Harry Styles. This 2017 film covers the events surrounding Operation Dynamo. For 10 points, name this film directed by Christopher Nolan, about the British evacuation from its title French city in World War II.

ANSWER: *Dunkirk* <SB>

Bonuses

1.

This thinker coined the term “participatory observation.” For 10 points each:

[10] Name this Polish anthropologist who wrote *Argonauts of the Western Pacific* and *Coral Gardens and Their Magic*. His psychological functionalist theory of society opposed Alfred Radcliffe-Brown’s structural functionalism.

ANSWER: Bronisław (Kasper) **Malinowski**

[10] In *Argonauts of the Western Pacific*, Malinowski wrote about the Kula ring in the Trobriand Islands, which is a system of this type of action. In the case of the Kula ring, it primarily involves necklaces and armbands.

ANSWER: **gift exchange** [accept either; generously accept **gift**-giving and equivalents; do not accept or prompt on “trade”]

[10] It is often said that Malinowski brought anthropology off one of these structures, a phrase which also titled a documentary about his work. Architecturally, these structures are open-air, roofed porches.

ANSWER: **verandahs** <CL>

2.

Harry Truman became aware of this project’s existence twelve days into his presidency. For 10 points each:

[10] Name this scientific project which conducted the Trinity tests and was advocated for by Albert Einstein. It is named for a borough of New York City.

ANSWER: **Manhattan** Project [accept **Development of Substitute Materials**]

[10] This man headed the Los Alamos Laboratory responsible for much of the work on the Manhattan Project. He also calculated the photoelectric effect for hydrogen under X-rays.

ANSWER: Julius Robert **Oppenheimer**

[10] Oppenheimer later claimed that when he first viewed the Trinity tests, the image of the nuclear bomb brought to mind this quote, which originally referred to the decay of everything over time.

ANSWER: now **I am become death**, the destroyer of worlds <AJ>

3.

This law was passed by John Quincy Adams and set a certain rate to 38%. For 10 points each:

[10] Name this law which was amended in a compromise in 1832 that was seen as insufficient by many in the South. It sparked an “Exposition and Protest” by the sitting vice president.

ANSWER: **Tariff of Abominations** [or **Tariff of 1828**]

[10] John Calhoun from this state wrote that “Exposition and Protest,” which “nullified” the tariffs of 1828 and 1832. This state was the first to secede and is home to Fort Sumter.

ANSWER: **South Carolina**

[10] Expressing his belief in nullification, Calhoun stated: “the union, next to [this concept], most dear.” In another speech during the Nullification Crisis, a man noted that this concept and another concept were “one and inseparable, now and forever.”

ANSWER: **liberty** [do not accept or prompt on anything else] <DM>

4.

Old, shirtless Greek guys appear often in artworks by French painters. For 10 points each, answer some questions about them.

[10] In this work by Jacques-Louis David, the central old Greek guy points his finger upwards while reaching for a goblet of poison hemlock, foreshadowing the title event.

ANSWER: The *Death of Socrates* [accept *La mort de Socrate*]

[10] In a grand painting of this man's "apotheosis," he is robed waist-down as a winged figure crowns him with a laurel wreath. This old Greek guy is honored in a Rembrandt painting in which his image is being contemplated.

ANSWER: Homer

[10] *The Apotheosis of Homer* includes a portrait of fellow French artist Nicolas Poussin ("poo-SAN"), who painted one work in which this concept names a muscled lyre-playing old Greek guy who sits in profile next to four dancing figures.

ANSWER: Time <GA>

5.

For 10 points each, name some things about William Congreve.

[10] Congreve was a playwright associated with this 17th century period of literature and history in England. Other writers from this period include John Dryden, Aphra Behn, and William Wycherley.

ANSWER: the Restoration period [accept the Restoration of the crown/monarchy or Restoration comedy or anything indicating that he was a playwright during the English Restoration; generously accept Comedy renaissance but not "Renaissance comedy"]

[10] One of Congreve's best-remembered lines is often paraphrased as "Hell hath no fury like [one of these people] scorned." Oscar Wilde wrote a play titled for one of these people *of No Importance*.

ANSWER: a woman [or women; do not accept or prompt on anything else]

[10] Congreve's "Hell hath no fury" line is from his play named for a *Mourning* one of these people. This is the last word in the title of the most famous novel by William Goldman.

ANSWER: bride <CL>

6.

Women in this city-state frequently used the labor of helots to avoid doing housework. For 10 points each:

[10] Name this city-state which defeated Athens at Aegospotami at the conclusion of the Peloponnesian War.

ANSWER: Sparta [accept Lacedaemon]

[10] The destruction of the Long Walls at Aegospotami was led by this Spartan admiral, who clashed with Antiochus at the Battle of Notium. This military leader negotiated with Theramenes after blockading Piraeus.

ANSWER: Lysander [or Lysandros]

[10] Following the capitulation of Athens at the end of the Peloponnesian War, Sparta instituted this group to rule Athens in an oligarchy. One leading member of this group, Critias, became notorious for his violence after his execution of several prisoners.

ANSWER: Thirty Tyrants <GA>

7.

For 10 points each, name some elements related to Michael Bay's favorite things: explosions.

[10] This alkaline earth metal is often used in the manufacture of fireworks because when it reacts with oxygen, it produces a bright flame. It's not calcium, but this element is found along with carbonate in dolomite.

ANSWER: **magnesium** [prompt on **Mg**; do not accept or prompt on "manganese"]

[10] This element is thought to have the highest reactivity with water and, due to its short half-life, is the second-rarest naturally occurring element on Earth.

ANSWER: **francium** [prompt on **Fr**]

[10] Fission of this element with atomic number 92 has been used to produce explosions, such as the one that destroyed the Japanese city of Hiroshima.

ANSWER: **uranium** [prompt on **U**] <AJ/CL>

8.

Although the modern high schooler may not know much about sleep, for 10 points each, name some things about beds in mythology.

[10] When this man returned home to Ithaca after a decade, he verified his identity by telling Penelope that their marriage bed could not be moved because one of its legs was an olive tree.

ANSWER: **Odysseus** [accept **Ulysses**]

[10] This bandit, whom Theseus met on his road to Athens, stretched people or cut their legs off in order to fit them on an iron bed that fit no one perfectly. Theseus killed this man by instead fitting him to the bed.

ANSWER: **Procrustes** [accept **Prokoptas**; accept **Damastes**]

[10] In a conflict between two Langobardic groups, Odin, husband of this deity, decided that the first group he saw at sunrise the next morning would be the victor. This goddess rotated his bed so that the Winnilier tribe would win.

ANSWER: **Frigg** [accept **Frigga**, **Frija**, **Frea** ("FREE-ya"), and **Frige**; do not accept "Freya" ("FRAY-ya") or "Freyja"] <RY>

9.

In this play, Larry Slade declares, "What's before me is the comforting fact that death is a fine long sleep, and I'm damned tired, and it can't come too soon for me." For 10 points each:

[10] Identify this play in which Hickey admits to killing his wife and urges the other patrons of Harry Hope's saloon to give up their "pipe dreams." Parritt jumps off a fire escape to his death in this play.

ANSWER: *The Iceman Cometh*

[10] *The Iceman Cometh* is a work by this American playwright who described the Tyrone family in *Long Day's Journey Into Night*.

ANSWER: Eugene (Gladstone) **O'Neill**

[10] This O'Neill play, in which the title prostitute and daughter of Chris Christopherson marries Mat Burke, is also set in a bar, one owned by Johnny the Priest with a bartender named Larry.

ANSWER: **Anna Christie** <CL>

10.

For 10 points each, name some things about the 26 states of Brazil.

[10] This Brazilian state shares its name with the country's largest city, which is also the largest city proper in the Western Hemisphere. On its eastern edge, this state borders the state of Rio de Janeiro.

ANSWER: **São Paulo**

[10] Acre, a Brazilian state in which pre-Columbian Indians made mysterious geoglyphs, borders this country's department of Pando. Another department in this country is Potosí.

ANSWER: Plurinational State of **Bolivia**

[10] This modern Brazilian state was invaded in Paraguay's initial campaign into Brazil in the War of the Triple Alliance. This third largest Brazilian state by area has a name which translates to "Thick Bushes."

ANSWER: **Mato Grosso** [do not accept or prompt on "Mato Grosso do Sul"] <DM>

11.

This disease may have originated from a mutation of yaws. For 10 points each:

[10] Name this disease spread by a 1494 invasion of Naples. Historically, its second stage caused large pustules to form and flesh to fall off, resulting in quick death.

ANSWER: **syphilis** [or *Treponema pallidum*]

[10] Syphilis likely developed in the New World, spreading to Europe as part of this biological exchange of species between Africa, Eurasia, and America. Alfred Crosby coined the name of this exchange.

ANSWER: **Columbian** Exchange

[10] The deadliest disease to go from Europe to America in the Columbian Exchange was this "pox" that was eradicated in 1977. The first vaccine was made by Edward Jenner for this disease.

ANSWER: **smallpox** [generously accept *Variola major* or *Variola minor*] <DM>

12.

Part of this work discusses the state of Cimmeria, named for an ancient people from Ukraine. For 10 points each:

[10] Name this postmodernist novel in which you are the main character and meet the beautiful Ludmilla at a bookstore.

ANSWER: ***If on a winter's night a traveler*** [accept *Se una notte d'inverno un viaggiatore*]

[10] *If on a winter's night a traveler* is a work by this Italian author of *Cosmicomics*, *Six Memos for the Next Millennium*, and *Invisible Cities*, which consists primarily of a conversation between Marco Polo and Kublai Khan.

ANSWER: Italo **Calvino**

[10] Calvino's first novel is set during World War II and titled for a path to a nest of these animals. A poem about one of these animals describes the poet's soul as "Ceaselessly musing, venturing, throwing, seeking."

ANSWER: **spiders** [accept **ragno** or **ragni**; accept *The Path to the Nest of Spiders*; accept "A Noiseless Patient Spider"] <CL>

13.

Before 2017, the last Democrat elected to serve as senator of this state was Richard Shelby, who subsequently changed parties. For 10 points each:

[10] Name this Southern state where former federal prosecutor Doug Jones narrowly won a 2017 special election over Republican Roy Moore.

ANSWER: **Alabama**

[10] Before his candidacy, Jones was best known for successfully prosecuting two actors behind this 1963 terrorist incident in Alabama, in which four young girls were killed.

ANSWER: the **16th Street Baptist Church** bombing [accept equivalents; accept the **Birmingham church** bombing; prompt on partial]

[10] One of the factors in Jones's win was the recurrence of accusations that Moore had pursued and sexually assaulted minors. One Moore supporter, Jim Ziegler, used this Biblical defense in response. A description is fine.

ANSWER: **Mary and Joseph** were teenagers [accept anything related to the idea that Jesus was born to teenage parents; accept **Zachariah** was much older than **Elizabeth** or anything about the parents of John the Baptist having a large age difference] <CL>

14.

For 10 points each, name these ruling families important in German history.

[10] From 1138 to 1208, this dynasty ruled over Germany, producing three Holy Roman Emperors, including Kaiser Friedrich Rotbart, better known as Frederick Barbarossa.

ANSWER: **Hohenstaufen** [accept **Staufer** or House of **Staufen**]

[10] This dynasty ruled Brandenburg and Prussia in a personal union and unified various German states into the German Empire in 1871 before the fall of its last ruling member, Wilhelm II, at the end of World War I.

ANSWER: House of **Hohenzollern**

[10] This ruling house of Austria fought the Hohenzollerns in the War of the Austrian Succession and was the last dynasty of the Holy Roman Empire. Prominent members of this house, which had a distinctive jaw, included Francis I and Franz Josef I.

ANSWER: **Habsburg**-Lorraine [do not accept or prompt on "House of Lorraine"] <BL>

15.

For 10 points each, name some music adapted for patriotic and nationalist means.

[10] This current French national anthem often invoked by 19th-century leftist movements was quoted in Tchaikovsky's *1812 Overture* to symbolize an invading army. It opens, "Arise, children of the Fatherland."

ANSWER: "La **Marseillaise**"

[10] This work is considered an unofficial Austrian national anthem along with a work written by its composer's father, the *Radetzky March*. In this work, strings respond to a repeated rising triad motif with two pairs of high staccato notes.

ANSWER: "The **Blue Danube**" [or "The **Blue Danube** Waltz"; accept "By the Beautiful **Blue Danube**"; accept "An der schönen **blauen Donau**"]

[10] In the movie *Casablanca*, German officers singing this song are interrupted by French refugees singing "La Marseillaise." The lyrics to this song are inscribed on the Niederwalddenkmal monument in Hesse.

ANSWER: "**Die Wacht am Rhein**" [accept "**The Watch/Guard on/of the Rhine**" or equivalents] <BL/GA>

16.

This author used his own experiences at a military academy to write his first novel, *The Time of the Hero*. For 10 points each:

[10] Name this author behind *The Green House* and *Aunt Julia and the Scriptwriter*.

ANSWER: Mario **Vargas Llosa** [accept Jorge Mario Pedro **Vargas Llosa**, 1st Marquis of Vargas Llosa; prompt on partial]

[10] One of Vargas Llosa's novels is about a "conversation" of Santiago Zavala and Ambrosio at a bar named for one of these places. T. S. Eliot wrote about a murder in one of these places, examples of which include Notre-Dame.

ANSWER: **cathedral** [or **cathedrals**; accept *Conversation in the **Cathedral***; accept *Murder in the **Cathedral***; do not accept or prompt on "church" or "churches"]

[10] In a book-length essay titled *The Perpetual Orgy*, Vargas Llosa argued that this author wrote the first modern novel and analyzed his aesthetics.

ANSWER: Gustave **Flaubert** <CL>

17.

For 10 points each, name some things about experimental music in the 20th century.

[10] Name this American composer who wrote *Sonatas and Interludes* for prepared piano. In 1952, David Tudor premiered this composer's three-movement work 4'33" ("four minutes and thirty-three seconds").

ANSWER: John **Cage** [or John Milton **Cage**, Jr.]

[10] John Cage's *Imaginary Landscape No. 4* for twelve radios is determined in this way, as was the composition of his *Music of Changes* based on the *I Ching*.

ANSWER: **randomly** [accept **random choice**; accept by **chance**; accept **aleatory** or **aleatoric** music; prompt on **indeterminate** music; prompt on **polyvalent** music; prompt on **mobile** music; prompt on descriptions or synonyms]

[10] This form of electronic music pioneered by Pierre Schaeffer combines synthesizer sounds with recordings of musical instruments and the human voice. The name for this type of electronic music comes from French and takes its meaning from the raw auditory materials used in its composition.

ANSWER: **musique concrète** [prompt on **concrete** music by asking for the French phrase] <GA>

18.

Sometimes, two religious origins are better than one. For 10 points each, name some syncretic religions.

[10] A syncretic version of this West African religion is prevalent in New Orleans. Contrary to popular belief, this religion has little to do with its namesake dolls; stereotypes forged that association in the 20th century.

ANSWER: **Voodoo** [accept **Vodun**; accept **Vodon**; accept **Voudou**; accept **Vodoun**; accept **Vodou**]

[10] This religion syncretizes Roman Catholicism with Yoruba culture. It was developed in Cuba, and its tradition of ritual slaughter was challenged in the case *Church of the Lukumi Babalu Aye v. City of Hialeah* in 1993.

ANSWER: **Santería** [accept **Regla de Oché**; accept La **Regla de Ifá**; accept **Lucumí**]

[10] This modern religion combines elements of the Abrahamic religions and Zoroastrianism. Its adherents believe that God entrusted the universe to a Heptad of Holy Beings, headed by Melek Taus, or the Peacock Angel.

ANSWER: **Yazidism** [accept **Yazidis** or **Yezedis**; prompt on **Yazdânism**] <CL>

19.

Far out, dude! For 10 points each, name some trans-Neptunian objects.

[10] This trans-Neptunian object actually was closer to the Sun than Neptune for 20 years, and it was visited by New Horizons in 2015. This object was formerly the ninth planet of the solar system.

ANSWER: 134340 **Pluto**

[10] This object is the most massive dwarf planet. Its moon is Dysnomia, and it is named for the Greek goddess of strife who once threw the Golden Apple.

ANSWER: 136199 **Eris**

[10] This trans-Neptunian object has the second largest perihelion of any body orbiting the Sun and its aphelion is at over 900 astronomical units. It is named for the Inuit goddess of the sea.

ANSWER: 90377 **Sedna** <BC>

20.

Let's talk about things you might find on an old map of Europe. For 10 points each, name some of these regions.

[10] This region is currently split between Ukraine and another country, and was once also known as the Kingdom of Lodomeria. It shares a name with a region that has its capital at the end of the Way of St. James.

ANSWER: **Galicia**

[10] This once-hotly contested, resource-rich region was annexed by Frederick the Great in 1740, beginning the War of the Austrian Succession.

ANSWER: **Silesia** [accept **Slask** or **Slezsko** or **Schlesien** or **Schläsing** or **Slunsk** or **Slazynska** or **Sleska**]

[10] Part of Galicia and most of Silesia are located in this modern-day country which was once ruled by the Piast dynasty. The capital of this country is Warsaw.

ANSWER: Republic of **Poland** [accept Rzeczpospolita **Polska**] <BL/CL>

TB.

Yeah, that's not supposed to happen. For 10 points each, name some facts about buildings that melt things.

[10] 20 Fenchurch Street, a skyscraper in this city nicknamed "The Walkie-Talkie," gained notoriety in 2013 for its propensity to reflect beams of sunlight, melting cars on the street below. This city is also home to The Gherkin and The Shard.

ANSWER: **London**

[10] Architect Rafael Viñoly, who designed 20 Fenchurch Street, had previously designed a hotel in this Southwestern city with a similar parabolic reflector effect, which employees termed "the Vdara death ray".

ANSWER: Las **Vegas** [accept **Paradise**]

[10] The glare from this city's Museum Tower reportedly killed off the bamboo foliage in its title museum next door, the Nasher Museum designed by Renzo Piano. This city is also home to Reunion Tower.

ANSWER: **Dallas** <SB>