

LOGIC (Lots of Good Interesting Content)
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Written by the teams at Miami Valley, Stevenson and University Lab

Packet 10

Tossups

1. **One of this writer's poems describes how an "individual being" can become brother to "the insensible rock" and "the sluggish clod." In that poem by this author, the speaker exalts the reader to "take the wings of morning" and "pierce the Barcan wilderness." This poet's most famous poem ends with the image of a man who "wraps the (*) drapery of his couch about him." A poem by this author, which is addressed to "him who in the love of Nature holds/Communion with her visible forms," tells the reader not to go "like the quarry-slave at night" as they prepare to "join the innumerable caravan." For 10 points, name this poet of "Thanatopsis."**

ANSWER: William Cullen **Bryant** <EA, Non-Epic Poetry>

2. **A rhomboid, dome, and tilted cone clad in aluminum constitute this architect's design for the Macao Science Center. This architect was inspired by the Ibn Tulun Mosque to design a Museum of Islamic Art in Doha, while a research center designed by this architect in Colorado was inspired by Anasazi cliff dwellings. This architect of (*) Mesa Laboratory received heavy criticism for a project whose main structure resembles the entrance to this architect's Rock and Roll Hall of Fame. That design by this man includes a glass-covered entrance to the Parisian art museum it sits in front of. For 10 points, name this architect of the Louvre Pyramid, who died in 2019.**

ANSWER: I.M. **Pei** [or Ieoh Ming **Pei**] <JG, Other Visual Fine Arts>

3. **The conservation of this quantity's equation can be derived by taking the divergence of the differential form of Ampere's law. The flux through a surface is equivalent to this quantity enclosed over the permittivity of free space, according to Gauss's law. One over 4 pi times the vacuum permittivity is the constant of proportionality in an equation involving two particles with (*) non-zero values for this quantity. Capacitance is defined as this quantity over voltage. The force between particles as a function of distance and this quantity is calculated in an equation named for Coulomb. For 10 points, name this property, symbolized q, that is positive for protons and negative for electrons.**

ANSWER: **charge** [do NOT accept or prompt on "current"] <LZ, Physics>

4. **This country gained its easternmost region in the 1963 New York Agreement. Mass violence following the 30th of September movement in this country led to the New Order Administration taking control. The founding principles for the Non-Aligned Movement were established at the (*) Bandung Conference, which was hosted in this country. This country's first president ruled the country under Guided Democracy and was overthrown by his general Suharto. Mohammad Hatta and Sukarno fought for the independence of this country from the Netherlands after World War II. For 10 points, name this Asian nation, whose thousands of islands include Sumatra and Java.**

ANSWER: Republic of **Indonesia** [or Republik **Indonesia**] <JL, World History>

5. **One character in this film claims that he sometimes lets matches burn to his fingertips "just to feel something." The protagonist of this film is told to write an essay on the novel *Great Expectations* after scoring a 0/100 on a true/false test. While introducing themselves, several characters in this film state "let's do this one last time." In an attempt to reunite with his wife and son, this film's main antagonist, (*) Kingpin, builds a super collider under New York City. The songs "What's Up Danger" and "Sunflower" are featured in, for 10 points, what animated film, in which Miles Morales is bitten by a radioactive spider and teams up with superheroes from other dimensions?**

ANSWER: *Spiderman: **Into the Spiderverse*** <WG, Trash>

6. **Inotropic agents affect either the concentration of this ion or the sensitivity of receptors for this ion in a cell. Levels of this ion are controlled by T-tubules. The binding of troponin to this ion allows myosin to bind to actin. This ion is stored in the sarcoplasmic reticulum. Parathyroid hormone elevates levels of this ion by promoting (*) osteoclast activity. This ion is released during muscle contraction. Abnormally low levels of this ion can cause osteoporosis to occur. For 10 points, name this divalent cation found in teeth and bones.**

ANSWER: calcium [or Ca²⁺] <GC, Biology>

7. **In this play, a joke about an Englishman in a brothel is interrupted by one character who yells “STOP IT!” This play features a monologue which repeats the phrase “Testew and Cunard” and references the “Acacacademy of Anthropopometry.” That monologue in this play is delivered after a character is commanded to (*) “Think!” After failing to remove a boot, a character in this play decides that there is “nothing to be done.” The two main characters of this play encounter Pozzo and his slave Lucky before considering hanging themselves from a tree. For 10 points, name this absurdist play about Vladimir and Estragon, which was written by Samuel Beckett.**

ANSWER: Waiting for Godot [or En attendant Godot] <WG, Drama>

8. **These people were defeated in the Battle of Ad Decimum by Belisarius, who was sent to fight these people after the overthrow of their king Hilderic. These people’s tribes included the Hasdingi and Salingi, and a half-Roman one of these people named Stilicho served as regent for Emperor Honorius. (*) Gelimer was the final ruler of these people, whose most notable action began following the overthrow of Valentinian III by Petronius Maximus. Genseric founded these people’s kingdom and led them in a 455 C.E. sack of Rome. For 10 points, name these people, whose name has become synonymous with those who damage and deface property.**

ANSWER: Vandals <GP, Ancient/Other History>

9. **A group of works by this composer written for the Grand Duke Paul of Russia includes a quartet nicknamed “The Joke.” A symphony by this composer in the uncommon key of F-sharp minor has its performers blow out candles as they leave the stage. The calm second movement of another symphony by this composer opens with the notes C-C-E-E-G-G-E. This composer’s *Emperor* (*) string quartet was adapted into the German national anthem, and the nickname of one work by this composer of the *Farewell* Symphony stems from a sudden G major chord. For 10 points, name this composer, the “father” of the string quartet who wrote the *Surprise* symphony.**

ANSWER: Franz Joseph Haydn <DB, Auditory Fine Arts>

10. **This saint’s vision of a man named Victoricus is recorded in his *Confessio*, which names his father as Calpornius. Folk tradition holds that this saint learned about monasticism while being held captive in France. As a youth, this saint was taken captive by pirates and enslaved for six years. Though he’s thought to have lived in the fifth century, this saint’s date of death is given as 657 by the *Annals of* (*) *Ulster*. Tampa, Chicago, and San Antonio all dye their rivers to celebrate a holiday named after this saint. For 10 points, name this saint who drove the snakes out of Ireland and is the namesake of a green holiday celebrated on March 17th.**

ANSWER: Saint Patrick [or Patricius or Padraig; accept Maewyn Succat or Maewyn Succat] <EA, Religion>

11. **While discussing this event, the Duchess of Sanseverina asks a character if he wouldn’t prefer keeping “thoroughbred horses” rather than pursue a career inspired by this event. Thenardier saves Count Pontmercy’s life while looting bodies after this event in *Les Misérables*. George (*) Osborne dies at this battle in *Vanity Fair*. Lord Byron described this battle’s location as “the grave of France” in *Childe Harold’s Pilgrimage* and opened Canto 9 of *Don Juan* [don joo-ahn] by mocking this battle’s winning commander, the Duke of Wellington. For 10 points, name this 1815 battle, a catastrophic defeat for Napoleon.**

ANSWER: the Battle of Waterloo <TB, Long Fiction>

12. **Kabocha squash is used in a noodle soup called hōtō that is from this island's Kōfu Basin. One city on this island, which lies east of the Hida Mountains, used the M-Wave and Mount Iizuna as venues for the 1998 Winter Olympics. A stringed instrument is the namesake of this island's Lake Biwa, which is in Shiga Prefecture. This island is separated from its (*) northern neighbor by the Tsugaru Strait, which is spanned by the Seikan Tunnel. The Taiheiyō Belt on this island extends from the Kanto Plain to Hiroshima, and its Tōkaidō Shinkansen, the world's first bullet train, links cities like Nagoya and Osaka. Mount Fuji is on, for 10 points, what largest Japanese island that contains Tokyo?**

ANSWER: **Honshū** <JG, Geography>

13. **Several members of this group of elements by definition have an acentric factor of 0. Neil Bartlett synthesized a square planar molecule with one of these elements at its center. Barium, three neutrons, and one of these elements is produced by the fission of Uranium-235. The smallest atomic radius is possessed by an element in this group; that element also possesses the highest first (*) ionization energy. Members of this group of elements have a filled shell of valence electrons, making them highly unreactive. The far-right side of the periodic table contains--for 10 points--what group of inert, typically gaseous elements, which include argon, neon, and helium?**

ANSWER: **noble gases** [or group **18**; or group **8A**] <GC, Chemistry>

14. **This figure was born after his father was told by the Oracle of Delphi to "not loosen the bulging mouth of the wineskin." This man turned the tables on an outlaw who pushed people off cliffs when they washed his feet by pushing the outlaw off a cliff to be eaten by a sea monster. This killer of Sciron also defeated a man who (*) stretched people on a bed, Procrustes, while taking the land route to the city he ruled, Athens. This son of Aegeus was given a ball of thread and a sword by his lover Ariadne so that he could find his way through Daedalus's Labyrinth. For 10 points, name this mythological hero who slew the Minotaur.**

ANSWER: **Theseus** <EA, Mythology>

15. **Spanish forces won a decisive victory in this war at the Battle of Nordlingen under the leadership of the future emperor Ferdinand III. Another monarch in this war was killed at the Battle of Lutzen after leading his country's forces to victory at the Battle of Breitenfeld during the Swedish phase of this war. Albrecht von (*) Wallenstein and Gustavus Adolphus were prominent commanders in this war, which saw the Count of Tilly win an early victory at the Battle of White Mountain against Bohemian Protestants. The Peace of Westphalia ended, for 10 points, what war fought between 1618 and 1648 by Catholic and Protestant states in Europe?**

ANSWER: **Thirty Years'** War <GP, European/British History>

16. **The central action of this painting is modeled on Raphael's *Miraculous Draught of Fishes*, and one figure in it is based on the pose of the *Borghese Gladiator*. This painting's background features Morro Castle, which its artist included, despite never having visited Havana Harbor. Two men in white reach to the central figure of this painting, while a man with a (*) harpoon prepares to thrust downwards. At the bottom of this painting, a nude blonde boy floating on the water is being lunged at by a fish that oddly has nostrils and lips. For 10 points, name this painting by John Singleton Copley that depicts a young sailor being attacked by an aquatic carnivore.**

ANSWER: **Watson and the Shark** <DB, Visual Fine Arts>

17. **Cratons are typically found at the center of these structures. The accretion of sediment on these structures can create an accretionary wedge. Three of these structures meet at triple junctions. The crumpling of these structures drives orogeny. The motion of these objects are driven by slab pull and ridge push. These objects float on top of the (*) mantle in a common example of isostasy. Transform, convergent, and divergent boundaries can form between two of these structures. These structures are pulled into the mantle during subduction. The theory of continental drift explains the movement of--for 10 points--what moving pieces of the Earth's crust?**

ANSWER: tectonic **plates** [prompt on continents] <GC, Earth Science>

18. Under this president, Joseph Swing organized mass deportations of undocumented Mexican immigrants. This president promoted positive uses of nuclear energy with his “Atoms for Peace” program, but stockpiled nuclear weapons with a policy of “brinkmanship” formulated by this President’s Secretary of State. This president’s admiration for the (*) autobahn led to the development of the Interstate Highway System, and he warned against the influence of the military-industrial complex in his Farewell Address. For 10 points, name this 34th President, who previously served as Supreme Allied Commander during World War II.

ANSWER: Dwight D. Eisenhower [accept Dwight David Eisenhower; or David Dwight Eisenhower] <AN, American History>

19. In one novel by this author, Tony Clarke detains the protagonist after his priestly powers supposedly make Captain Winterbottom fall ill. In another novel by this author, the protagonist starts taking bribes to deal with his depression over being unable to marry the *osu* Clara. In that novel by this author, the UPU pays to have the protagonist, (*) Obi, study law in England. This author wrote a novel whose protagonist kills Ikemefuna and accidentally shoots the son of Ezeudu. That protagonist created by this author hangs himself after he is unable to convince the people of Umuofia to resist Christian missionaries. For 10 points, name this Nigerian author of *Arrow of God* and *Things Fall Apart*.

ANSWER: Chinua Achebe [accept Albert Chinualumogu Achebe] <EA, Long Fiction>

20. Like Plato and Hegel, this philosopher’s historicism is criticized as totalitarian by Karl Popper’s *The Open Society and Its Enemies*. Abolition of inheritance and free education are two of the “ten planks” put forth in a work written primarily by this philosopher. This thinker called the misconception of a product’s intrinsic worth (*) “commodity fetishism” in a work subtitled “A Critique of Political Economy.” This thinker’s most famous work begins by stating that “a Spectre is haunting Europe,” and describes the class struggle between the bourgeoisie and the proletariat. For 10 points, name this author of *Das Kapital*, who collaborated with Friedrich Engels on *The Communist Manifesto*.

ANSWER: Karl Marx [or Karl Heinrich Marx] <DB, Philosophy>

Bonuses

1. A dormant one of these structures named Mauna Kea is located in Hawai'i and is the tallest mountain in the world when measured from the ocean floor. For 10 points each:

[10] Name these geologic features that spew lava from their eruptions. The "Year Without a Summer" was caused by one of these features in Indonesia, which spewed out debris that blocked out sunlight across the globe.

ANSWER: **volcanoes**

[10] The cone-shaped type of these volcanoes are built up by several layers of different rock types. These volcanoes have viscous lava that allows for enormous eruptions, and they are often contrasted with shield volcanoes.

ANSWER: **stratovolcanoes**

[10] Stratovolcanoes like Mt. Rainier are at a high risk for lahars, a type of these events. Lahars are usually caused by the melting of the ice at the peak during a volcanic eruption.

ANSWER: **mudflows** [or **mudslides**; prompt on **landslides**] <DB, Other Science>

2. The meeting that preceded this event had to be moved from Faneuil Hall to the Old South Meeting House, due to larger than expected crowds. For 10 points each:

[10] Name this event in which members of the Sons of Liberty, led by Samuel Adams, dressed up as Mohawks to dump a certain commodity into the harbor of a major city.

ANSWER: **Boston Tea Party**

[10] The Boston Tea Party, along with the Boston Massacre, occurred under the rule of this colonial governor of Massachusetts. This governor's inflammatory letters to Andrew Oliver were published in a later controversy.

ANSWER: Thomas **Hutchinson**

[10] As a result of the Boston Tea Party, these retaliatory acts were passed by Parliament. These 1774 acts included the closing of Boston Harbor and the Quartering Act.

ANSWER: **Intolerable** Acts [accept **Coercive** Acts] <AN, American History>

3. This painting was destroyed, along with many others from the Old Masters' Gallery, during the Dresden firebombing. For 10 points each:

[10] Name this painting, which features a hatted man using a hammer on its far right. The hatted man works with another man on his left in this painting to build a road.

ANSWER: *The* **Stone Breakers** [or *Les* **Casseurs de Pierres**]

[10] *The Stone Breakers* is a work by this artist, who depicted a group of people standing around during the funeral of his great-uncle in *A Burial at Ornans*.

ANSWER: Gustave **Courbet**

[10] Courbet, along with artists like Jean-Francois Millet, was a member of the Realist school in this country.

ANSWER: **France** [or **French Republic**; or **Republique Francaise**] <DB, Visual Fine Arts>

4. One character in this short story goes to the druggist to buy arsenic, and later has her house coated with lime to mask a smell. For 10 points each:

[10] Name this short story, in which a single iron gray hair is found next to the corpse of Homer Barron.

ANSWER: "A **Rose for Emily**"

[10] This author of "A Rose for Emily" wrote about the Compson and Bundren families in his novels *The Sound and The Fury* and *As I Lay Dying*.

ANSWER: William **Faulkner** [or William Cuthbert **Faulkner**]

[10] Both *The Sound and The Fury* and *As I Lay Dying*, as well as various other short stories and novels by Faulkner, are set in this state's fictional Yoknapatawpha County.

ANSWER: **Mississippi** <WG, Short Fiction/Other>

5. While working at this university, Albert Bandura conducted the Bobo Doll experiment, in which children from this university's nursery school saw adults beating up the namesake toy. For 10 points each:

[10] Name this West Coast university, where Walter Mischel studied delayed gratification with the "marshmallow test."

ANSWER: **Stanford** University [or Leland **Stanford** Junior University]

[10] In another landmark Stanford experiment, a mock one of these institutions was set up in the basement of Jordan Hall, with participants acting as guards and inmates.

ANSWER: **prison** [or Stanford **Prison** Experiment; or clear-knowledge synonyms like **jail**]

[10] The Stanford Prison experiment was conducted by this man, which led him to write the book *The Lucifer Effect*, which describes "how good people turn evil."

ANSWER: Philip **Zimbardo** <TB, Social Science>

6. This man interprets a baker's dream about birds eating bread out of three baskets to mean that the baker will be hanged in three days. For 10 points each:

[10] Name this man, who interpreted the pharaoh's dream of seven lean cows eating seven fat cows as a sign of an impending famine. This son of Jacob owned a multicolored coat.

ANSWER: **Joseph** [also accept **Yosef** or **Yusuf**]

[10] In another instance of biblical dream interpretation, Daniel interprets the dream of this Babylonian King. This man also destroys the first temple.

ANSWER: **Nebuchadnezzar II**

[10] In one of Nebuchadnezzar's dreams, four of these entities are crushed by a stone from heaven. Another of these entities named Bel is revealed to not actually consume the food sacrificed to it.

ANSWER: **idols** [also accept **statues** or obvious equivalents; do NOT accept "gods"] <WG, Mythology>

7. These cells mature in an organ that is missing in DiGeorge's syndrome. For 10 points each:

[10] Identify these cells of the immune system. These cells are named for the fact that they mature in the thymus, unlike B cells.

ANSWER: **T** cells

[10] Members of this class of T cells are activated by MHC class II expressed on professional antigen presenting cells, which trigger these cells to release cytokines. These T cells are deficient in people with AIDS.

ANSWER: **helper** T cells [or **Th** cells; accept, but do NOT reveal **CD4+** helper T cells or **CD4 positive** helper T cells]

[10] Helper T cells are often named after the fact they express this glycoprotein on their surface. MHC Class II binds to this cluster of differentiation on the surface of helper T cells.

ANSWER: **CD4** [or cluster of differentiation **4**] <GC, Biology>

8. A recent Kosky and Andrade staging of this singspiel reimaged it as a 1927 "silent" film, complete with Monostatos as Nosferatu. For 10 points each:

[10] Name this Mozart opera, in which Tamino falls in love with Pamina and uses the title instrument to pass the tests of Sarastro's temple of Wisdom.

ANSWER: *The **Magic Flute*** [accept *Die **Zauberflöte***]

[10] This character from *The Magic Flute*, who was played by librettist Emanuel Schikaneder at the premiere, is dressed in a suit of feathers in order to help him catch birds. In Act I, this character sings the aria "Der Vogelfänger bin ich ja."

ANSWER: **Papageno**

[10] Several elements in *The Magic Flute*, such as a recurring motif of "3," are said to be allegories to this fraternal organization. Mozart was admitted to one of its lodges in Vienna.

ANSWER: free**masons** <DB, Other Fine Arts>

9. This novel begins by noting that "ours is essentially a tragic age, so we refuse to take it tragically." For 10 points each:

[10] Name this novel, in which Constance has affairs with the Irish playwright Michalis and the gamekeeper Oliver Mellors. A republication of this novel prompted an obscenity trial against Penguin Books.

ANSWER: Lady Chatterley's Lover

[10] This author of *Lady Chatterley's Lover* also wrote about Elizabeth Bates learning of the death of her husband in his short story "Odour of Chrysanthemums."

ANSWER: D.H. Lawrence [or David Herbert Lawrence]

[10] In this other Lawrence short story, Paul repeatedly screams "Malabar" and dies of brain fever after winning eighty thousand pounds.

ANSWER: "The Rocking-Horse Winner" <WG, Long Fiction>

10. After this leader successfully captured and executed a Jurchen chieftain in 1576, his superior officers accused him of desertion from the battle, resulting in him being tortured and stripped of his rank. For 10 points each:

[10] Name this naval commander, often considered one of the best in history. After being fatally shot by a bullet at the Battle of Noryang, he instructed his soldiers to beat the war drums instead of announcing his death.

ANSWER: Yi Sun-Shin [or Admiral Yi]

[10] Admiral Yi's decisive victories at Myeongyang and Noryang defended this peninsula from a Japanese invasion. The northern half of this peninsula, divided by a demilitarized zone since 1953, is ruled by the Kim family.

ANSWER: Korean Peninsula

[10] This second "great unifier" of Japan during the Sengoku period led two failed invasions of Korea. This leader's son Hideyori had his power usurped by Tokugawa Ieyasu after the death of this leader.

ANSWER: Tovotomi Hideyoshi <JL, World History>

11. Newtonian telescopes are part of a class of telescopes which rely on this process to focus light. For 10 points:

[10] Identify this phenomenon, in which light bounces off a surface, such as in a mirror.

ANSWER: reflection

[10] The law of reflection states that the value of the angle of incidence has this relationship to the value of the angle of reflection.

ANSWER: the angle of incidence and the angle of reflection are equal [accept equivalent answers like "they are the same"]

[10] The law of reflection only holds for this type of reflection, which requires the reflection to occur off a smooth surface. This type of reflection is contrasted with diffuse reflection.

ANSWER: specular reflection <GC, Physics>

12. Footage from Hong Kong shows protesters neutralizing this substance by covering it with a traffic cone and pouring water down the top. For 10 points each:

[10] Name this riot-control weapon, which irritates mucous membranes after being converted to aerosol form. Various home remedies to alleviate this substance's namesake physical reaction include saline solution and milk.

ANSWER: Tear gas

[10] Police fired tear gas to try to quell this movement initially started in 2018 to protest Emmanuel Macron's fuel-tax hikes. This movement is named for the safety apparel French drivers must keep in their vehicles.

ANSWER: Yellow Vests movement [accept Yellow Jackets movement, accept *Mouvement des gilets jaunes*]

[10] Protests against fuel prices and other shortages in this country began in January 2019, which President Emmerson Mnangagwa's ZANU-PF government blamed on this country's Movement for Democratic Change.

ANSWER: Republic of Zimbabwe <DD, Current Events>

13. One work that has this description is Bartók's Viola Concerto for William Primrose. For 10 points each:

[10] Name this description, also applied to Charles Ives's *Universe Symphony*. One composer's Symphony No. 8 in B minor has this description, as it consists of two movements.

ANSWER: **unfinished** [accept "*Unfinished Symphony*"]

[10] The latter *Unfinished Symphony* is by this Austrian composer, who wrote more than 600 *lieder*, or art songs, in addition to the *Trout Quintet*.

ANSWER: Franz Schubert [or Franz Peter **Schubert**]

[10] Thankfully, this synesthetic Russian composer of *Prometheus: The Poem of Fire* never completed his work *Mysterium*, which was to last for an entire week in the Himalayas before concluding with the end of the world.

ANSWER: Alexander **Scriabin** [or Alexander Nikolayevich **Scriabin**] <JG, Auditory Fine Arts>

14. In one play, this character sends his friend Mnesilochus to spy on a female-only festival to learn about their discussions of this character's writings. For 10 points each:

[10] Name this main character of *Thesmophoriazusae* [thes-moh-fore-ee-ah-zuh-zay]. In another play, this character loses a contest to Aeschylus for "Best Tragic Poet" and is left in the Underworld by Dionysus.

ANSWER: **Euripides**

[10] Euripides appears in this play, where Dionysus and his slave Xanthias go to retrieve him from the Underworld in order to restore the quality of tragedy in Athens. The title figures of this play chant "brekekekex-koax-koax."

ANSWER: *The Frogs* [accept **Bátrachoi**]

[10] *The Frogs* and *Thesmophoriazusae* were both written by this master of Greek Old Comedy, who also made fun of the Peloponnesian War in the play *Lysistrata*.

ANSWER: **Aristophanes** <EA, Drama>

15. During his rule, this world leader expelled all the Asians in his country. For 10 points each:

[10] Name this eccentric military dictator of Uganda, who was deposed by Julius Nyrere after attempting to annex the Kagera province of Tanzania.

ANSWER: Idi **Amin** Dada Oumee [accept "His Excellency, President for Life, Field Marshal Al Hadji Doctor Idi **Amin** Dada, VC, DSO, MC, Lord of All the Beasts of the Earth and Fishes of the Seas and Conqueror of the British Empire in Africa in General and Uganda in Particular"]

[10] During Idi Amin's reign, members of the PLO were allowed to land a hijacked plane at this airport. Yonatan Netanyahu was killed while rescuing Israeli hostages from this airport in Operation Thunderbolt.

ANSWER: **Entebbe** International Airport

[10] Amin came to power after a coup against this president of Uganda. After Nyrere deposed Amin, this man was restored to the presidency.

ANSWER: Milton **Obote** [or Apollo Milton **Obote**] <WG, World History>

16. This country allowed Britain to use its Donegal Corridor to access the Atlantic Ocean. For 10 points each:

[10] Name this country, which remained neutral during World War II during a period known as "the Emergency." Despite that neutrality, the German Luftwaffe bombed its capital, Dublin, in 1941.

ANSWER: **Ireland** [accept **Dominion of Ireland**]

[10] Ireland was ruled by this Taoiseach [TEE-shuck] during World War II. This man earlier led Anti-Treaty forces during the Irish Civil War and established the Fianna Fáil party.

ANSWER: Eamon **de Valera**

[10] de Valera and his supporters broke from this Irish party in 1926, whose name translates to "We Ourselves." This party has since gotten involved in Northern Irish politics, and is associated with the Irish Republican Army.

ANSWER: **Sinn Féin** [shin FAYN] <GP, European/British History>

17. This city is the southern terminus of the Southern Fuegian Railway. For 10 points each:

[10] Name this port city in Argentina, which is commonly referred to as the southernmost city in the world.

However, the city of Puerto Williams in Chile is actually further south across the Beagle Channel.

ANSWER: **Ushuaia**

[10] Ushuaia is located on this island, the largest in an archipelago of the same name. This island's highest peak is Monte Darwin, and it was divided into two parts following the Argentina-Chile Boundary Treaty of 1881.

ANSWER: Isla Grande de **Tierra del Fuego**

[10] The Atlantic coast of the main island of Tierra del Fuego was once inhabited by this indigenous group. During a late 19th century gold rush, this tribe was decimated in a namesake genocide perpetrated by Julio Popper.

ANSWER: **Selknam** people <JL, Geography>

18. Practitioners of this religion believe that the soul consists of the big good angel and little good angel, or gros bon ange and ti bon ange. For 10 points each:

[10] Name this syncretic religion from Haiti, with priests called houngans and mambos. This religion combines aspects of Yoruban traditions with Christianity, and does not actually involve sticking pins in its namesake dolls.

ANSWER: **Voodoo**

[10] Voodoo holds this god to be supreme. This god's name is derived from the French for "good god."

ANSWER: **Bondye** [or **Bondeye**]

[10] Because Bondeye doesn't intervene in human affairs, practitioners of voodoo pray to these intermediary spirits, exemplified by Baron Samedi and Papa Legba.

ANSWER: **loas** <WG, Religion>

19. In the even chapters of this novel, you attempt to read various fictional novels but never get past the first chapter, meaning you'd probably be very good at quizbowl. For 10 points each:

[10] Name this Italo Calvino novel written in second person, in which you and Ludmila both attempt to read the title book.

ANSWER: ***If on a Winter's Night a Traveler*** (or ***Se una Notte D'inverno un Viaggiatore***)

[10] In his essay "Why Read the Classics?," Calvino recounts Michel Butor's first time reading the books of this man. This author of *La Bête Humaine* wrote a cycle of novels about the Rougon and Macquart families.

ANSWER: Emile **Zola**

[10] In a Calvino novel, this man discusses the 55 title "invisible cities" with Kublai Khan. This medieval Italian explorer's real adventures to China are recounted in his book *Il Millione*.

ANSWER: **Marco Polo** <WG, Long Fiction>

20. Alkyl groups can stabilize these species via hyperconjugation, which delocalizes their charge. For 10 points each:

[10] Name these species produced as intermediates during SN1 reactions, which feature carbon atoms with three bonds and no lone pairs.

ANSWER: **carbocations**

[10] The SN1 reaction is a reaction of this general type, in which a leaving group is replaced with a new group. The Friedel-Crafts reaction is an electrophilic aromatic reaction of this type.

ANSWER: **substitutions** [or electrophilic aromatic **substitution** reaction]

[10] A type of acid named after this scientist is used to catalyze the Friedel-Crafts reaction. Element symbols are surrounded by electrons in this man's namesake "dot notation."

ANSWER: Gilbert Newton **Lewis** [or **Lewis** dot notation; or **Lewis** dot diagrams; or **Lewis** acids] <DB, Chemistry>