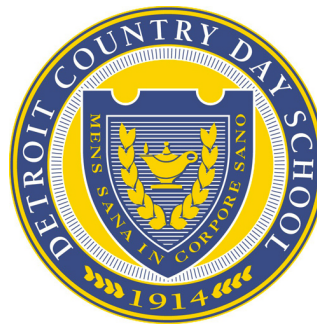


Detroit Country Day Academic Regular Tournament II

Packet 9

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Special thanks to Neil Gurram

1. **This poet told himself to “stop playing the fool” and asked a “wicked girl” “who'll see your beauty?” in one work. This poet sent a book to his friend polished with dry pumice. This poet called himself the worst poet, just as Cicero was the greatest patron. This poet “speaks to silent ash” after arriving in Bithynia, and he wrote an elegy for his lover's (*) dead sparrow. A poem by this author states, “I hate and I love.” This poet wrote, “hail and farewell” upon the death of his brother. For 10 points, name this Roman poet who addressed poems to his lover Lesbia.**

ANSWER: **Catullus** [or Gaius Valerius **Catullus**]
<European Literature, Zhou> [Ed.]

The Allred-Rochow scale uses a coefficient of 3,590 to measure this quantity. For 10 points each:

[E] Name this quantity that measures an atom's ability to attract electrons. Fluorine's value of 4.0 for this quantity is the highest of any element.

ANSWER: **electronegativity**

[H] The size of an atom is directly related to this quantity, which describes an atom's ability to distribute its electron density unevenly in response to external electric fields.

ANSWER: **polarizability** [do NOT accept or prompt on “polar(ity)” or “polarization”]

[M] Slater's rules are used to calculate the effects of shielding on this quantity, often symbolized Z^* [Z-star]. Unlike a similar quantity, it does *not* depend solely on the number of protons.

ANSWER: **effective nuclear charge** [prompt on **effective charge** or **Z-eff**; do NOT accept or prompt on “charge” or “nuclear charge”]

<Chemistry, Wu> [Ed. Yin]

2. **In a cartoon about this conflict, a leopard biting a sword reaches towards the long braid of a sleeping beast while a bald eagle looks on. Participants in this conflict hid in a large arms depot to await rescue after the failed Seymour Expedition. During this conflict, Klemens von Ketteler was killed by the all-Muslim (*) Kansu Braves. This conflict began a year after the attempted Hundred Days' Reform. A siege of the Legation Quarters was repelled by the Eight-Nation Alliance during this conflict. Empress Dowager Cixi supported the losing side of, for 10 points, what anti-Western revolt in China led by the “Society of Righteous and Harmonious Fists?”**

ANSWER: **Boxer** Rebellion [accept equivalents in place of “rebellion”; accept **Yihetuan** movement]
<World History, Hartung> [Ed.]

This symphony was premiered in Stockholm under the name *Fantasia sinfonica I* [one]. For 10 points each:
[H] Name this symphony in one movement, the last by its composer. The C major trombone motif from this symphony is named for its composer's wife Aino.

ANSWER: Symphony no. **7** in C major by Jean **Sibelius** [accept any answers referring to Jean **Sibelius**' **7th** symphony; prompt on **Symphony no. 7** in C major by asking "by whom?"]

[M] The Symphony no. 7 opens with strings ascending through the notes in this key. This key is the relative minor of C major, meaning it also doesn't have any sharps or flats.

ANSWER: **A minor** [prompt on **A**; do NOT accept or prompt on "A-flat" or "A-sharp"]

[E] Despite only having one movement, Sibelius's seventh symphony preserves the classic symphonic form of having this many movements. This is the number of strings on a violin.

ANSWER: **four**

<Auditory Fine Arts, Chapman> [Ed. Bowman]

3. **Growth bands in these structures, called the striae of Retzius, can be used to estimate the ages of animals. The bottoms of these structures are covered by a layer of cementum, and the process by which these structures become visible is termed eruption. A porous yellow matrix surrounds a (*) chamber inside these structures that is filled with nerve-containing pulp. The visible surface of these structures is covered by enamel, which can be strengthened through fluoride therapy. For 10 points, name these structures in the mouth that can be straightened with braces.**

ANSWER: **teeth** [or **tooth**; accept **molars** or **premolars** or **incisors** or **canines** or **wisdom teeth**]

<Biology, Melkumian> [Ed. Yin]

This anthropologist documented David Graybeard using a straw to extract termites from a termite hill. For 10 points each:

[H] Name this anthropologist who studied Flo and her son Flint, both from the Kasakela community.

ANSWER: Jane **Goodall**

[E] Jane Goodall studied chimpanzees in this country, which is separated from the Democratic Republic of the Congo by Lake Tanganyika. This country is home to Serengeti National Park.

ANSWER: **Tanzania**

[M] Goodall also disproved the notion that chimpanzees do not eat this kind of substance. Claude Levi-Strauss examined the history of eating this kind of substance in *The Culinary Triangle*.

ANSWER: **meat** [or **flesh**; accept **muscles**; accept **animals**]

<Social Science, Wu> [Ed.]

4. **After this character is sarcastically told that he has "no defect," he disagrees, claiming that his "good opinion once lost, is lost forever." This character proclaims that his love interest's "fine eyes" were "brightened" by a five-mile-long muddy trek. A childhood friend of this character seduces his piano-playing sister (*) Georgiana for her money. This character convinces Mr. Wickham to marry Lydia to prevent an elopement scandal, earning him the favor of the second-eldest Bennet sister. For 10 points, name this master of Pemberley who marries Elizabeth in Jane Austen's *Pride and Prejudice*.**

ANSWER: Mr. **Darcy** [or **Fitzwilliam** Darcy]

<British Literature, Gayden> [Ed.]

This woman published a weekly newspaper along with her sister Tennessee Claflin. For 10 points each:

[H] Name this woman, who became the first female presidential candidate when she was nominated by the newly formed Equal Rights Party in 1872.

ANSWER: Victoria **Woodhull**

[E] Woodhull, along with Horace Greeley, was defeated in the 1872 Presidential Election by this popular Union general. This man's presidency was damaged by the Crédit Mobilier and Whiskey Ring Scandals.

ANSWER: Ulysses S. **Grant** [or Hiram Ulysses **Grant**]

[M] The Equal Rights Party nominated this man to serve as Woodhull's running mate during the 1872 election, without informing him. In one speech, this man claimed the Fourth of July was "yours, not mine."

ANSWER: Frederick **Douglass**

<US History, Hartung and Gayden> [Ed. Nageswaran]

5. **It's not the word of testimony, but Revelation 12 says the faithful overcame Satan through this thing. Tertullian considered this thing to be the "seed of the Church." Leviticus 17 says that it is this thing which makes atonement for one's life, and that one's life is in this substance. Multiple Bible verses teach that the forgiveness of sins occurs through this substance. God tells Cain that this substance belonging to (*) Abel is crying out from the ground. Jesus compared a cup to a "new covenant" in this substance. The wine taken during Eucharist represents, for 10 points, what red substance that Jesus shed during the Crucifixion?**

ANSWER: (human) **blood** [accept **blood** of the Lamb or **blood** of the martyrs]

<Religion, Suh> [Ed.]

One of these things named after Alexander von Humboldt is located off the coast of Peru. For 10 points each:

[E] Name these large flows of water in the Earth's oceans. They are called "gyres" when they move in circles.

ANSWER: ocean **currents** [accept Humboldt **Current**]

[M] Deep water rises towards the surface in this process, producing an upward current. This process promotes the growth of phytoplankton by transporting nutrients from the seafloor.

ANSWER: **upwelling** [prompt on **overturning**]

[H] The flow rates of ocean currents can be expressed in this non-SI **[non S-I]** unit named after a Norwegian. This unit symbolized Sv equals 1 million cubic meters per second.

ANSWER: **sverdrup** **[SVAR-droop]** [accept Harald **Sverdrup**]

<Earth Science, Wu> [Ed.]

6. **A priestess from this empire was the first known named author. After defeating the Lullibi people, a ruler of this empire commissioned a namesake "victory stele" on which he declared himself to be a god-king. For attacking a temple of Enlil in Nippur, this empire was supposedly cursed by its ruler (*) Naram-Sin. The language of this empire's rulers was the Near East's lingua franca before Aramaic and is the oldest known Semitic language. This empire's founder previously served as a cupbearer for king Ur-Zababa of Kish before conquering many of the former Sumerian city-states. For 10 points, name this Mesopotamian empire founded by Sargon the Great.**

ANSWER: **Akkadian** Empire

<Ancient History, Verma> [Ed. Gayden]

This musician worked with John Coltrane on tunes like “Trinkle, Tinkle”. For 10 points each:

[M] Name this pianist who wrote “Straight, No Chaser” and “Round Midnight”. This pianist released several compilations entitled *Genius of Modern Music*.

ANSWER: Thelonious Sphere **Monk**

[H] The album “Monk, Trane, Miles and Me” was recorded by Larry Coryell, a player of this instrument. Other jazz players of this instrument include John McLaughlin and Wes Montgomery.

ANSWER: **guitar** [accept jazz **guitar** or acoustic **guitar** or electric **guitar**]

[E] For the 1956 version of *Genius of Modern Music*, Monk included a track titled for “April in” this city. George Gershwin composed an energetic piece titled for an “American in” in this city.

ANSWER: **Paris** [accept “April in **Paris**” or “American in **Paris**”]

<Jazz, Yang> [Ed. Bowman]

7. **This team signed a homeless and jobless player, Damon Sheehy-Guiseppi, for the 2019 preseason but waived him afterward. In the 2021-2022 season, this team released a wide receiver after his father posted a video criticizing its quarterback for not throwing to him. A player on this team accused an opposing quarterback of using a racial slur to justify (*) hitting him with his helmet. This team fired Head Coach Hue Jackson following their 0-16 [“Oh and sixteen”] 2017 season. This team acquired Deshaun Watson to replace a quarterback this team drafted, Baker Mayfield. Myles Garrett plays for, for 10 points, what AFC North team from Ohio?**

ANSWER: **Cleveland Browns** [accept either underlined portion]

<Sports, Peela and Joshi> [Ed.]

John Francis Wade's song *O Come All Ye Faithful* contains coded messages for members of this group. For 10 points each:

[H] Name this group that attempted to install the descendants of James II's House of Stuart to the British throne in 1715 and 1745 rebellions.

ANSWER: **Jacobites** [do NOT accept or prompt on “Jacobins”]

[E] The Jacobite Risings opposed two rulers of this name. A later porphyria-suffering ruler of this name opposed the colonies in the American Revolution.

ANSWER: **George** [accept **George** I or **George** II or **George** III]

[M] The 1745 Jacobite Rising prevented the British from participating in this war. Frederick the Great violated the Pragmatic Sanction to begin this war, which was ended by the Treaty of Aix-la-Chapelle.

ANSWER: War of the **Austrian Succession**

<Hartung, History European> [Ed.]

8. **In 2020, this state’s “fair tax” constitutional amendment allowing for a graduated income tax was defeated. Along with Liz Cheney, a representative from this state was censured by the RNC for his position on the Select Committee investigating January 6th. Adam Kinzinger represents this state, whose long-term House Speaker (*) Mike Madigan resigned in 2021. Lori Lightfoot is the mayor of this state’s most populous city. This state’s governor J.B. Pritzker is the richest governor in American History. For 10 points, name this Midwestern state governed from Springfield.**

ANSWER: **Illinois** [accept **IL**]

<Current Events, Wu> [Ed.]

This poet wrote, “I can’t stand my own mind” in a poem declaring that “Sacco and Vanzetti must not die.” For 10 points each:

[E] Name this Beat Generation poet who claimed to have seen “the best minds of [his] generation destroyed by madness” in “Howl.”

ANSWER: Allen **Ginsberg**

[M] This poet claimed that the “Justice Denied” and Vanzetti’s executions had left a “blighted earth to till / With a broken hoe,” and resigned to “go home and sit in the sitting room.” This poet declared, “my candle burns at both ends” in her collection *A Few Figs from Thistles*.

ANSWER: Edna St. Vincent **Millay** [or Nancy **Boyd**]

[H] This Lost Generation author admitted, “all right we are two nations” in a passage about the Sacco and Vanzetti trial from his book *The Big Money*, part of a trilogy centering on the futility of the American dream.

ANSWER: John **Dos Passos** [or John Roderigo **Dos Passos**] [The trilogy is the *U.S.A. Trilogy*]

<US Literature, Melkumian> [Ed. Gayden]

9. **The characterization of this theory’s low-energy limits is the subject of the swampland conjectures. Worldsheets are traced out by objects in this theory in which compactification generates Calabi-Yau manifolds. The existence of T- and S-dualities allowed Ed Witten to unify five limiting cases of this theory into the eleven-dimensional (*) M-theory.** This theory is a potential candidate for unifying quantum mechanics and gravity. For 10 points, name this possible theory of everything named for the fact that it describes all particles as vibrating one-dimensional objects.

ANSWER: super**string** theory [accept **M**-theory before it is read]

<Physics, Bajji> [Ed. Liu]

This island’s indigenous population are collectively known as the “Dayak” People, some of whom live near its city of Kuching in Sarawak. For 10 points each:

[M] Name this island, administered by three countries, which contains the former British colonies of Sabah and Sarawak.

ANSWER: **Borneo** [accept **Kalimantan**]

[E] Sarawak, now part of this country, is home to many critically endangered orangutans. The Petronas Towers are located in this country’s capital city, Kuala Lumpur.

ANSWER: **Malaysia**

[H] Borneo is bounded to the northeast by this sea, named for an archipelago stretching between Sabah and Mindanao. It lies between the Celebes Sea and the South China Sea and is bounded to the north by Palawan.

ANSWER: **Sulu** Sea

<Geography, Gayden> [Ed. Ma]

10. **A self-portrait by Élisabeth Le Brun with the sky as the background is titled for one of these items. Thomas Gainsborough’s depiction of these items resulted in their “picture” type being named after him. The Baron de St. Julien reclines in the shrubbery gazing at his pink-clad mistress while holding a tricorne one of these items in Fragonard’s (*) *The Swing*. Jonathan Buttall, clad in all blue, holds one of these items at his side in Gainsborough’s *The Blue Boy*. The central figure of *Liberty Leading the People* wears a red one of these items described as “Phrygian” [FRIH-jee-un].** For 10 points, name these clothing items worn on one’s head.

ANSWER: **hats** [or **caps**; accept subtypes such as straw **hats** or Phrygian **caps**]

<Painting, Gayden> [Ed.]

One character in this story is baffled how a man who could read 600 volumes in four years spent a full year reading the New Testament. For 10 points each:

[H] Name this story in which a banker agrees to pay a lawyer to spend 15 years in solitary confinement. After the imprisonment, the lawyer forfeits the prize.

ANSWER: “The **Bet**” [or “**Pari**”]

[E] “The Bet” was written by this Russian playwright of *The Cherry Orchard*.

ANSWER: Anton **Chekhov**

[M] In this other Chekhov short story, Dmitri Gurov begins an affair with Anna Sergeyevna in Yalta after seeing her walking with her Pomeranian.

ANSWER: “The **Lady with the Dog**” [or “**Dama s sobachkoy**”]; accept similar translations like “The **Lady with the Lapdog**” or “The **Lady with the Little Dog**” or “The **Lady with a Dog**”]

<European Literature, Palavajjhala> [Ed.]

11. **This story’s protagonist notes the “prismatic colors” of “a million blades of grass” at a moment in which he is “in full possession of his physical senses.” A “loud, rushing sound” in this story is described as *diminuendo* shortly after the protagonist notices a man’s keen gray eye. The wife of this story’s protagonist fetches some water for a traveling (*) scout, who recounts a dry pile of driftwood. After he imagines swimming to freedom, this story’s protagonist feels a “stunning blow upon the back of the neck.” Peyton Farquhar is hanged for trying to burn down the title structure of, for 10 points, what short story by Ambrose Bierce?**

ANSWER: “An **Occurrence at Owl Creek Bridge**”

<U.S. Literature, Joshi> [Ed. Gayden]

In February 2022, Vladimir Putin forced this leader to sit across a 20-foot table from him during a meeting after this leader refused a Russian COVID test. For 10 points each:

[M] Name this world leader who will face a head-to-head election against the far-right National Rally candidate later this month.

ANSWER: Emmanuel **Macron** [Emmanuel Jean-Michel Frédéric **Macron**]

[E] Macron met with Putin to negotiate an end to the Ukrainian crisis, which began in 2014 when Russia annexed this peninsula. This peninsula contains the cities of Sevastopol and Yalta.

ANSWER: **Crimean** Peninsula

[H] Earlier in 2022, Putin met with this country’s president Kassym-Jomart Tokayev across the same long table. In 2022 the Collective Security Treaty Organization was deployed to put down gas price protests in this country.

ANSWER: **Kazakhstan** [accept Republic of **Kazakhstan**]

<Current Events, Gayden> [Ed.]

12. **A B major aria from this opera in 3/4 [three-four] time begins with the repeated motif [read slowly] D sharp, D sharp, D sharp, long F sharp, short E, C sharp [pause], and ends by holding out an F-sharp on the e [ay] of “e di pensier” [AY dee pense-YAIR]. The title character of this opera recalls Count Monterone’s curse after realizing he is holding the corpse of his daughter Gilda, whom the assassin (*) Sparafucile has killed. In this opera, the Duke of Mantua sings about the flightiness of women in the aria “La donna e mobile.” For 10 points, name this Giuseppe Verdi opera about a hunchbacked jester.**

ANSWER: **Rigoletto**

<Opera, Gayden> [Ed.]

The *curtisia dentata* tree is sometimes named after one of these objects, as its wood was used to make them. For 10 points each:

[M] Name these objects whose *assegai* and *iklwa* varieties were used by the “horns,” “chest,” and “loins” of the “buffalo horns” formation.

ANSWER: spears

[E] This kingdom's *iklwa* armed fighters used the “buffalo horns” formation to great success throughout the 19th century. The *iklwa* was introduced to this South African kingdom by its ruler, Shaka.

ANSWER: Zulu Kingdom

[H] Shaka Zulu employed the “buffalo horns” formation during this period of unrest between Bantu [BON-two] and Nguni [N'GOON-ee] tribes. Shaka's mentor Dingiswayo seized land in the leadup to this period whose name translates to “the Crushing.”

ANSWER: Mfecane [M'FEK-ayne] [or Difaqane or Lifaqane]

<World History, Hartung> [Ed.]

13. **This body goes through five lobes during its closest approach to Earth, forming its namesake “pentagram.” Deformed regions on this body called tesserae [TESS-er-ee] include the Alpha and Beta Regio [REE-jee-oh]. This body’s volcanic “pancake domes” were studied by the Magellan [muh-JELL-un] spacecraft. This body’s Ishtar Terra is home to its tallest peak, (*) Maxwell Montes [MAX-well MAHN-teez]. This body’s dense atmosphere results from a runaway greenhouse effect and contains clouds made of sulfuric acid. For 10 points, what solar system planet has the highest surface temperature and is second from the Sun?**

ANSWER: Venus [accept Pentagram of Venus]

<Astronomy, Wu> [Ed.]

This character discusses the “public works of Puncher and Wattmann.” For 10 points each:

[M] Name this character who says “quaquaquaqua” and discusses the “practice of sports such as tennis, football, running” in a long, rambling monologue from the play in which he appears.

ANSWER: Lucky

[H] Lucky begins his monologue after Pozzo gives him this one-word command. After the monologue, Pozzo says that Lucky can no longer do this action when his hat is removed.

ANSWER: “Think!”

[E] Lucky and Pozzo appear alongside Vladimir and Estragon in this Samuel Beckett play.

ANSWER: Waiting for Godot

<British Literature, Joshi> [Ed.]

14. **This leader claimed that his countrymen would revolt if they saw the spoils of a Houston supermarket. The Yabloko Party was formed to oppose this leader’s reforms. This leader indirectly created oligarchs like the Seven Bankers through vouchers to buy shares in newly privatized companies as part of his disastrous (*) “shock therapy” program. This leader’s popularity soared after he denounced the August Coup in a speech given atop a tank. This leader criticized his predecessor’s policy of *perestroika* for not going far enough. Vladimir Putin succeeded, for 10 points, what first president of post-Soviet Russia?**

ANSWER: Boris (Nikolayevich) Yeltsin

<European History, Gayden> [Ed.]

The first law of thermodynamics relates this quantity to work and internal energy. For 10 points each:

[E] Name this quantity denoted Q , the transfer of thermal energy from one object to another.

ANSWER: **heat** [accept **heat** transfer; do NOT accept or prompt on “temperature”]

[H] The process of heat transfer across a finite temperature difference has this property. Thermodynamic processes and cycles with this property generate entropy and cause lost work.

ANSWER: **irreversible** [or **irreversibility**]

[M] In a thought experiment named for this physicist's “demon,” heat transfer is reversed by only letting high-velocity gas particles through a gate. This physicist names four relations between derivatives of thermodynamic potentials.

ANSWER: James Clerk **Maxwell** [accept **Maxwell**'s demon or **Maxwell**'s relations]

<Physics, Bajji> [Ed. Liu]

15. **One property of these devices is measured by Coulomb counting. Some of these devices lose their effectiveness through the memory effect, which is absent in a type of them that employs polypropylene glycol**

[poly-PROH-pil-eeen GLYE-kall] **and graphite. A simple kind of these devices was invented by John Daniell** [DAN-yuhl].

One value within these devices is equaled out by (*) salt bridges, and another value for them is expressed in milli-amp-hours. Sulfuric acid is the electrolyte in a type of these devices used to start car engines, while their “lithium-ion” type is found in cell phones. For 10 points, name these devices that store electrical energy.

ANSWER: **batteries** [or **battery**; accept lithium-ion **batteries** or **voltaic cells** or **voltaic pile** or **galvanic cells**; prompt on electrochemical **cells**; do NOT accept or prompt on “electrolytic cells” or “fuel cells”]

<Chemistry, Wu> [Ed. Yin]

Answer the following about recent XXL freshmen. For 10 points each:

[H] This artist was chosen as an XXL freshman after he collaborated with Lil Tjay on “Pop Out.” This artist’s “RAPSTAR” was released on his album *Hall of Fame*.

ANSWER: **Polo G** [accept Taurus Tremani **Bartlett**]

[M] Freshman Jack Harlow featured on this 2021 song, whose chorus claims, “I ain't lost since I began.” The prison setting of this song’s music video mocks a recent lawsuit involving Nike.

ANSWER: **“Industry Baby”** [by Lil Nas X]

[E] This XXL Freshman blew up in 2020, collaborating with Cardi B on “WAP,” and collaborating on a remix of her song “Savage” with Beyonce. A song by this rapper is the origin of the phrase “hot girl summer.”

ANSWER: **Megan Thee Stallion** [accept Megan Jovon Ruth **Pete**]

<Popular Music, Gayden> [Ed.]

16. **A neighborhood in this city saw the US’s first bubonic plague epidemic. An 1877 riot in this city took place in its “sandlot,” where Denis Kearney gave fiery racially-charged speeches. So-called “paper sons” flooded into this city after an event in which Frederick Funston attempted to assist Mayor Eugene Schmitz. (*) Immigrants were often subjected to racial discrimination at this city’s Angel Island facility. Much of this city’s urban district was destroyed by a 1906 earthquake, including all of its Chinatown. For 10 points, name this Californian city home to the Golden Gate Bridge.**

ANSWER: **San Francisco** [accept **SF**]

<US History, Gayden> [Ed.]

This object is described as the Black Man's "mark" by old Mistress Hibbins. For 10 points each:

[M] Name this object, a likeness of which is carved into a minister's breast in an act of self-mutilation.

ANSWER: the **scarlet letter** [or the letter "**A**"; accept partial answers describing Hester Prynne's scarlet letter]

[E] This woman wears the scarlet letter as a reminder of the adultery by which she conceived her daughter Pearl.

ANSWER: **Hester Prynne**

[H] In contrast to the scarlet letter, one of these specific plants near a prison door symbolizes freedom from strict Puritan life. Rather than having been conceived through adultery, Pearl claims to have been picked from one of these specific plants by her mother.

ANSWER: **rose bushes** [prompt on roses]

<US Literature, Gayden> [Ed.]

17. **Sandra Day O'Connor described a case concerning this amendment as a "Number 10 earthquake"; that case was *Blakley v. Washington*. This amendment creates a loophole allowing one to get away with murder in a part of Yellowstone National Park. Many evidence rules are governed by this amendment's "Confrontation Clause," and another part of it was revolutionized by the case (*) *Gideon v. Wainwright*. This amendment guarantees the right to be informed of the nature and cause of an accusation and the right to a lawyer. For 10 points, name this amendment that guarantees the right to a trial by jury.**

ANSWER: **Sixth** Amendment [or Amendment **6**]

<Social Science, Wu> [Ed.]

Answer the following bonus about the appearance of ants in mythology. For 10 points each:

[E] This Aztec god disguised himself as a black ant to steal maize from the red ants and give it to mankind. This Feathered Serpent god often clashed with his brother Tezcatlipoca.

ANSWER: **Quetzalcoatl** [kwet-zul-koh-AH-tul]

[M] In one story, Vishnu appears as a little boy to quell the pride of this Vedic god by comparing him to ants. This wielder of the thunderbolt weapon Vajra heroically slayed the evil asura Vritra.

ANSWER: **Indra**

[H] The maiden Myrmex was beloved by this deity, but when Myrmex falsely claimed that she invented the plough, this deity turned her into an ant. This goddess refused to make Melanippus immortal because he ate Tydeus's brain.

ANSWER: **Athena** [or **Athene**; prompt on Pallas]

<Mythology, Suh> [Ed.]

18. **A complex built by this civilization contains a lintel that depicts Lady Xook [chook] with a rope through her tongue. The Hollyhock House in Los Angeles contains the horizontal lines, textile blocks and open courtyards typical of this civilization's architecture. Since it was designed to "float" on mud, a hotel built by (*) Frank Lloyd Wright in an architectural style named for this civilization's "revival" survived a 1923 earthquake. A city built during this civilization's classic period contains a massive ballcourt and a large stepped pyramid. For 10 points, name this Mesoamerican civilization that built Chichén Itzá.**

ANSWER: **Mayan** civilization

<Architecture, Gayden> [Ed.]

A model organism in this clade is *Arabidopsis thaliana*, or thale cress. For 10 points each:

[M] Name this clade of plants whose members are divided into monocots and dicots based on their number of cotyledons [cah-tuh-LEED-uhns].

ANSWER: **angiosperms** [or **Angiospermae** or **Magnoliophyta**; accept, but do NOT reveal **flowering** plants]

[E] Angiosperms like *Arabidopsis* are characterized by these reproductive structures made of carpels, stamens, petals, and sepals.

ANSWER: **flowers**

[H] AP1 [A-P-one] and AP2 [A-P-two] are *Arabidopsis* genes involved in this model of flower development. In this model, three classes of genes control the formation of a flower's four whorls.

ANSWER: **ABC** [A-B-C] model

<Biology, Melkumian> [Ed. Yin]

19. **A couplet by this author provides the title of George Lamming's novel *In the Castle of My Skin*. This author described an "ancient war between obsession and responsibility" in a poem that ends "The classics can console. But not enough." This poet describes a "napkin of a dirty cause" upon which a gorilla wrestles a superman and asks, "How can I face such (*) slaughter and be cool?" at the end of a poem on the Mau Mau Uprising. An epic poem by this author of "Sea Grapes" features the fishermen Hector and Achilles, who compete for the maid Helen. For 10 points, name this Caribbean poet of "A Far Cry from Africa" and *Omeros*.**

ANSWER: Derek **Walcott** [or Sir Derek Alton **Walcott**]

<World Literature, Melkumian> [Ed.]

One of the perpetrators of this shooting reportedly asked victim Cassie Bernall if she believed in God, and then killed her after she said yes. For 10 points each:

[E] Name this 1999 shooting carried out by Eric Harris and Dylan Klebold at a Colorado high school.

ANSWER: **Columbine** High School massacre

[H] This filmmaker explored the possible motives for the Columbine shooting in his documentary "Bowling for Columbine." Another of his documentaries examined the failures of George W. Bush's War on Terror.

ANSWER: Michael **Moore**

[M] Charlton Heston, who served as president of this organization, controversially claimed the United States being "mixed ethnicity" contributed to the shooting. In 2019, Oliver North resigned as president of this organization.

ANSWER: **National Rifle Association** [or **NRA**]

<US History, Guo> [Ed. Nageswaran]

20. **This country's land south of the Sibun River is claimed by its western neighbor. This country contains the world's only jaguar preserve. Hurricane Hattie destroyed this country's former capital city in 1961, causing its new capital to be placed inland. Jacques Cousteau helped to popularize this country's Great Blue Hole as a diving spot. This country's namesake (*) barrier reef is the world's second-largest behind the Great Barrier Reef. This country is east of Guatemala and south of the Yucatan Peninsula. For 10 points, name this only English-speaking Central American country whose capital is Belmopan.**

ANSWER: **Belize** [buh-LEEZ]

<Geography, Gayden> [Ed.]

A pioneer of this art style created stencil paintings of rats, which he called “the only free animal in the city,” For 10 points each:

[M] Name this urban art form practiced by Blek le Rat and a duo whose tag ended with a copyright symbol, SAMO [say-moh].

ANSWER: **graffiti** [prompt on street art]

[H] This artist formed the graffiti duo SAMO with Al Diaz. He also depicted a head divided into numerous compartments in the painting *Untitled (Skull)*.

ANSWER: Jean-Michel **Basquiat**

[E] Basquiat was based in this city. Basquiat’s paintings and drawings were first publicly displayed in 1981 at this city’s MoMA.

ANSWER: **New York** City [accept **NYC**]

<Painting, Guo> [Ed. Sun]