

ILLIAC -- ILLinois Academic Competition -- Round 1

1. **One ruler of this modern-day country ceded it to Venice in exchange for the title Lady of Asolo; that woman was Catherine Cornaro. The Templars sold this country to Guy of Lusignan in 1192. This country, which contains the British military bases of Dhekelia and Akrotiri, was the site of a coup by a group that supported the process of (*) enosis or unification. After the siege of this country's city of Famagusta, this country became part of the Ottoman Empire. Archbishop Makarios III led this country that has been divided by the Green Line due to a 1974 invasion by Turkey. For 10 points, name this Mediterranean island split into Greek and Turkish parts along Nicosia.**

ANSWER: Cyprus [accept Kingdom of Cyprus; accept Republic of Cyprus; accept Royaume de Chypre; accept Vasíleion tis Kýprou; accept Kıbrıs Cumhuriyeti; accept Kıpros; accept Kupriake Demokratia; do **NOT** accept or prompt on "Kupriake" or "Turkish Republic of Northern Cyprus"]
< Sarod Nori | *Continental Europe* >

2. **One painting by this artist on the walls of a Joseph Maria Olbrich building depicts floating nude genii ("genie"- "i") to the right of a thick brown-haired beast with several missing teeth representing Typhon. This artist depicted a naked red haired girl curling up with Jupiter's golden rain in this artist's rendition of (*) Danae. A topless woman clutches the hair of Holofernes while staring directly at the viewer in this artist's *Judith*. This artist of the *Beethoven Frieze* painted eyes onto the golden dress of his portrait of Adele Bloch Bauer. Gold leaf features prominently in many of this artist's paintings including one of two lovers embracing. For 10 points, name this Vienna Secession artist who painted *The Kiss*.**

ANSWER: Gustav Klimt
< Iain Carpenter | *Painting and Sculpture* >

3. **This man sent a telegram stating "Thomas is standing like a rock" while serving as William Rosecrans's Chief of Staff at the Battle of Chickamauga. A forged letter claiming that this man supported unlimited Chinese immigration, along with contention from James Weaver, contributed to the close election that he won against Winfield Scott Hancock. (*) Dr. Willard Bliss and Alexander Graham Bell couldn't prevent this president's death, which led to the passing of the Pendleton Act. This man died of sepsis after he was shot by a man who claimed to be a "Stalwart of Stalwarts." Charles Guiteau assassinated, for 10 points, what President succeeded by Chester A. Arthur?**

ANSWER: James A(bram) Garfield
< Tim Cho / Tyler Vaughan | *US History* >

4. **In one part of this novel, a stakeholder for the state college meets a man who accidentally impregnated his own daughter. The protagonist of this novel gets sent downtown to talk about "The Woman Question" after receiving a leg chain from Brother Tarp. This novel's narrator works under Kimbro and (*) Lucius Brockway while at Liberty Paints after being expelled from college by Dr. Bledsoe. This novel opens with blindfolded black youths donning boxing gloves and pummeling each other in a "battle royal." For 10 points, name this novel whose unnamed narrator notes how his skin color makes others refuse to see him, written by Ralph Ellison.**

ANSWER: Invisible Man [do **NOT** accept or prompt on "The Invisible Man"]
< Ethan Ashbrook | *Long-Form Fiction* >

5. **Tissue from this organism is dipped into a 5% sucrose solution with surfactant for transformation. This species uses AP1/AP2 genes to control pattern development regulated by AGAMOUS. While Enrico Coen was working on *Antirrhinum majus*, Meyerowitz independently formulated a developmental model using this species. A bacterium containing opine-coding genes on its Ti plasmid is used to transform this species; that bacteria is (*) *Agrobacterium tumefaciens*.** Based on experiments in this organism, overlapping expression of three sets of hox genes called A, B, and C were posited to explain flower development. For 10 points, name this flowering weed and model organism.

ANSWER: *Arabidopsis thaliana* [accept either underlined portion; accept Thale Cress; accept Mouse-Ear Cress; accept A. Thaliana]

< Jonathan Lau | *Biology* >

6. **In one text, God instructed this figure to walk naked and barefoot for three years after king Sargon of Assyria assaulted the Philistine city of Ashdod. This figure advised one king to resist Sennacherib's invasion and later chastised that king for revealing the treasures of the temple to a king of Babylon. This adviser of Hezekiah described himself as a man of "unclean lips" during a vision of God surrounded by six-winged (*) Seraphs, after which a coal was placed in this prophet's mouth. This prophet's namesake book predicts the virgin birth of Immanuel. For 10 points, name this prophet whose namesake Biblical book precedes Jeremiah and foretells the birth of Jesus.**

ANSWER: Isaiah [accept Book of Isaiah]

< Jonathan Lau | *Mythology, Stories, and Legends* >

7. **Lyrics to music for this activity often draw from the Lunfardo dialect of Italian immigrants in the Americas. An annual festival held in Seinäjoki celebrates the Finnish style of this dance. In a satire of this activity, Tom Lehrer wrote a song titled for the "Masochism" type of it. Some figures in this activity are embraces, boleos, and salidas. The composition (*) "Adiós Nonino" by bandoneón virtuoso Astor Piazzolla was influential in creating this dance's "nuevo" style. The Caminito in La Boca, a neighborhood of Buenos Aires, inspired a dance of this type with the same name. For 10 points, name this improvisational partner dance that originated in Uruguay and Argentina.**

ANSWER: tango

< Bryan Lu | *Other Fine Arts* >

8. **Three of the oldest collections of this substance are known as the Farnbag, Gushnasp, and Burzen-Mihr. Dasturs are the chief priests of locations named for this substance. One form of this substance that is produced by combining 16 other varieties is called Atash Behram. This substance names a type of structure where the (*) haoma plant is offered. Those structures are built to honor a personified "pure" form of this substance. Parsi priests perform rituals with an "everlasting" type of this substance known as "atar." For 10 points, name this substance found in namesake temples in Zoroastrianism, which is used in cleansing rituals with its opposite -- water.**

ANSWER: fire [accept atar before mention; accept any synonyms such as flames or anything indicating burning]

< Ethan Ashbrook | *Religion* >

9. **This scientist names a law in thermochemistry relating the difference in standard reaction enthalpy to the difference in temperature times the difference in standard molar heat capacities. This scientist described how dense gas will emit a continuous spectrum while low-density gas emits discrete wavelengths in his (*) laws of spectroscopy. This scientist names a spectroscopy award with Robert Bunsen, and he coined the term “black-body radiation.” This scientist also names laws describing the conservation of current going into a node and the conservation of voltage around a closed loop. For 10 points, name this scientist who formulated the junction and loop circuit rules.**

ANSWER: Gustav (Robert) **Kirchhoff**

<Michael Etzkorn | *Physics*>

10. **According to Plutarch, this politician would lock himself in his underground study to practice his mannerisms and then shave half of his head so that he'd be too embarrassed to leave. This man lambasted a “third-rate actor” over a dispute involving the offering of a golden crown. This statesman and Aeschines helped negotiate the (*) Peace of Philocrates before this man would denounce Aeschines for prosecuting Ctesiphon in the 330 BC oration “On the Crown.” Plutarch paralleled this statesman’s life with Cicero and describes this orator using pebbles to prevent stuttering. For 10 points, name this Athenian statesman who denounced Philip’s Macedonian imperialism in the *Philippics*.**

ANSWER: **Demosthenes**

< Michael Etzkorn | *Classics, Britain or Commonwealth, Other History* >

11. **The largest of the “sporadic” form of these structures is called the “Friendly Giant” or “Monster” and can be proved by the theorem of the classification of finite, simple versions of these structures. The arrangements of facets on a Rubik’s cube is isomorphic to the “permutation” type of these structures. Lagrange’s theorem and Sylow’s theorems are central to the study of these (*) algebraic structures. Each one of these algebraic structures satisfies the axioms of closure, associativity, identity, and invertibility. These structures are called abelian if they are commutative. For 10 points, name these abstract algebraic structures that consist of a set and a binary operation whose name was coined by Évariste Galois.**

ANSWER: **groups**

< Iain Carpenter | *Other Science - Math* >

12. **In a collection titled after one of these events, the author describes his wife sipping coffee in a “mad, execution uniform” in the poem “The Blue Flannel Suit.” A work titled after one of these events features an interrogation scene with questions like “Is 846 necessary or possible?” and “Why did the chicken cross the road?” Ted Hughes wrote a poetry collection dedicated to (*) Sylvia Plath about the letters of one of these events. At the end of a play titled for one of these events, McCann and Goldberg take away a blabbering Stanley Webber. Emily Webb chooses to relive one of these events after her death in *Our Town*. For 10 points, name this event that titles a Harold Pinter play and that marks a day Emily turned 12 years old.**

ANSWER: **birthday** party [accept obvious equivalents; accept *Birthday Letters*; accept 12th **Birthday**]

< Ethan Ashbrook | *Misc Literature* >

13. **On arriving in this country, Hugo Spadafora was imprisoned, and his decapitated head was later found in a post office bag. Eric Delvalle (*del-va-yay*) attempted to overthrow a leader of this country whose paramilitary beat up Billy Ford and were known as the Dignity Battalions. Jimmy Carter's negotiations with this country's leader (*) Omar Torrijos (*tor-ri-hos*) earned it full sovereignty over one area. In 1989, loud rock music was blasted outside the hideout of a dictator of this country during Operation Just Cause. Before being arrested for drug trafficking, Manuel Noriega was a dictator of this country. For 10 points, name this country home to a canal that links the Atlantic and Pacific Oceans.**

ANSWER: Republic of **Panama** [or República de **Panamá**]

< Sarod Nori | *Non-European, Non-Commonwealth History* >

14. **This city holds a Chinese Dragon Boat Festival every July on Sloan's Lake. The intersection of two major interstates in the north of this city is known as "The Mousetrap" for its convoluted ramps that often result in traffic bottlenecks. It's not New York, but this city's historic Rossonian Hotel was an important jazz venue in its Five Points neighborhood. Lawrence Argent sculpted a 40-foot blue grizzly bear peering into a glass window at this city's (*) largest convention center. This city's Confluence Park sits at the junction of the South Platte River and Cherry Creek. Major suburbs of this city include Centennial, Lakewood, and Littleton. For 10 points, name this "Mile High City," the capital of Colorado.**

ANSWER: **Denver** [or the City and County of **Denver**]

< Jonathan Lau | *Misc - Geography* >

15. **Political actions in favor of this language caused "la vergonha," a phenomenon in which a minority group felt shame towards their native language. This language's word "meuf," meaning woman, comes from slang that inverts a word's syllables known as verlan. The standard kind of this language uses base twenty for numbers (*) between 70 and 99, and speaking it involves voicing of usually silent word-final consonants before a vowel, which is called liaison. The English words for pig and cow meat come from this language since it was spoken by the English upper-class after the Norman Conquest. For 10 points, name this language spoken in Ivory Coast, Brussels, and Quebec.**

ANSWER: **French** [or **Français**]

< Bryan Lu | *Social Science* >

16. **In the second movement of a suite in 2/2 time by this composer, the left hand plays alone starting on F2 and descends to G1 after the right hand plays staccato F G major seconds. The slow third movement of a suite by this composer begins with the left hand playing an F A-flat minor third, pianissimo followed by the right hand playing the same minor third an octave higher; that (*) D-flat major movement is in 9/8 time. For his daughter Chou-chou (*shoo-shoo*), this composer wrote a suite that includes "Jimbo's Lullaby." This composer of *Children's Corner* took inspiration from Paul Verlaine poetry for a moonlight inspired movement in his *Suite Bergamasque*. For 10 points, name this French composer of "Clair de Lune."**

ANSWER: (Achille-)Claude **Debussy**

< Iain Carpenter | *Music* >

17. In one story by this author, a bus driver asks a woman to disclose the contents of a blood-lined bag that contains a fish. The protagonist of another story by this author is fired from her job as a stairway-sweeper after a basin is stolen from the apartment building. In a different story by this author, a man is told “there’s an American flag on the moon” and that his response should be (*) “splendid.” This author wrote a story detailing a visit to the Mapparium and Dev’s affair with Miranda. This author wrote a short story collection whose title story ends after the tour guide Mr. Kapasi rescues Bobby from a group of monkeys. For 10 points, name this author whose story “Sexy” is collected in *Interpreter of Maladies*.

ANSWER: Jhumpa **Lahiri** [or Nilanjana Sudeshna **Lahiri**]

< Mitch McCullar | *Short-Form Fiction* >

18. In one technique commonly employed in this process, aromatic compounds like 2,4-benzoic acid and cinnamic acid act as chemical crosslinks to form a matrix onto which a sample is embedded. A similar technique in this process is the use of a high voltage to create an aerosol of microdroplets, which is often preferred when performing this process in (*) tandem. This technique often makes use of MALDI when measuring time of flight, while the use of electrospray ionization provides for a broader range of reported bar peaks. For 10 points, name this technique that analyzes a molecule by breaking it into fragments and measuring the ratio of the namesake quantity to charge.

ANSWER: **mass spectrometry** [prompt on (electrospray) **ionization**; prompt on **MALDI** by asking “What analytic technique is MALDI being used in conjunction with?”]

< Michael Etkorn | *Chemistry* >

19. In *The Twilight of the Idols*, Nietzsche contrasted this thinker with Thucydides, saying that this thinker is a “coward before reality.” In an essay titled for this thinker, the terms *pharmakeia*, *pharmakon*, and *pharmakeus* are discussed in a critique of the division between “inside” and “outside.” This thinker titles a Derrida essay about this thinker’s (*) “Pharmacy.” A utopian society created by this philosopher contains the elements of modern totalitarianism according to a Karl Popper work about the *Spell of* [this philosopher]. Alfred North Whitehead argued that Western thought is a “series of footnotes to” this philosopher. For 10 points, name this Greek philosopher, the author of dialogues such as *Symposium* and *The Republic*.

ANSWER: **Plato** [or **Platon**]

< Brad McLain | *Philosophy* >

20. The speaker of one poem by this author says that “in a difficult hour,” they wouldn’t “trade the memory of this night for food.” A different poem by this author mentions a time when they had to “burn up the chairs/ and sit on the floor.” In addition to the sonnet “Love is not all,” this poet wrote a sonnet telling the geese to “gabble and hiss.” Another of this author’s poems is about a mother who spent all night making the (*) “clothes of a king’s son” before she froze to death. The sonnet “Euclid alone has looked on beauty bare” and “The Ballad of the Harp Weaver” are by, for 10 points, what author who penned the line “My candle burns at both ends” in her collection *A Few Figs from Thistles*.

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

< Mitch McCullar | *Non-Epic Poetry* >

BONUSES:

1. Early practitioners in this field include Mary Ellen Richard, which developed out of the Settlement House movement. For 10 points each:

[10] Name this applied field, whose practitioners often work in child protective services.

ANSWER: **Social Work**

[10] The Settlement House movement was spearheaded by this “mother of social work” and graduate of what would become Rockford University. This social activist established a Chicago area settlement house with Ellen Gates Starr.

ANSWER: Jane **Addams** (the Chicago area one is the Hull House)

[10] Social workers often work in these institutions where they provide mental health services to adolescents and children. The methods of these institutions are discussed in Maria Montessori’s book *Peace and Education*.

ANSWER: (public/private/charter) **schools**

<Brad McLain | *Misc - Other Academic* >

2. This event took place after a special prosecutor subpoenaed the Oval Office Tapes. For 10 points each:

[10] Name this event that resulted in multiple members of the Justice Department resigning rather than fire Archibald Cox.

ANSWER: **Saturday Night Massacre**

[10] The Saturday Night Massacre occurred because this Republican president ordered the firing of Archibald Cox. This president resigned shortly after the Watergate Scandal.

ANSWER: Richard (Milhous) **Nixon**; [accept “(Tricky) Dick” **Nixon**]

[10] Richard Nixon eventually decided to release the Oval Office Tapes. Mindful of his wholesome reputation, Nixon ordered all profanities to be removed and replaced with this two-word phrase.

ANSWER: **expletive deleted**

< Nathan Fredman | *US History* >

3. Name some poets who wrote about skylarks. For 10 points each:

[10] Perhaps the most famous poem about a skylark is “To a Skylark” by this poet of “Ozymandias.”

ANSWER: Percy Bysshe **Shelley**

[10] The poems “The Caged Skylark” and “The Sea and the Skylark” were written by this author who told of “five Franciscan nuns” dying in a shipwreck in another poem.

ANSWER: Gerard Manley **Hopkins** (the other poem is “The Wreck of the Deutschland”)

[10] This poet described a skylark “hang between” the green earth and blue sky in her poem “The Skylark.” This poet wrote about the sisters Laura and Lizzie being tempted by some super suspicious salesmen in “Goblin Market.”

ANSWER: Christina (Georgina) **Rossetti**

< Mitch McCullar | *Non-Epic Poetry* >

4. In the early stages of this battle, a G.I. questioned Omar Bradley what the capital of Illinois was to ensure he wasn't a German spy and detained him when he answered Springfield -- because the answer was obviously Chicago. For 10 points each:

[10] Name this World War II battle in the Ardennes forest, which created a namesake wedge in the Allied lines.

ANSWER: Battle of the **Bulge** [or Operation **Watch on the Rhine**; or Unternehmen **Wacht am Rhein**]

[10] During the Battle of the Bulge, this event took place near the namesake Belgian city. During this event, American prisoners of war were killed by members of the 1st SS Panzer Division under the leadership of Joachim Peiper.

ANSWER: **Malmedy** massacre

[10] Another event during the Battle of the Bulge was the siege of this Belgian city where Anthony McAuliffe replied to a request to surrender with the one-word reply "Nuts!"

ANSWER: **Bastogne** [or **Bastenaken**; or **Bastnach**; or **Bastenach**; or **Baaschtnech**; accept alternative pronunciations]

< Sarod Nori | *Continental Europe* >

5. For 10 points each -- answer some questions about oscillatory systems with many degrees of freedom:

[10] Solutions to multi-degree of freedom systems are often written in terms of these mathematical constructs. These constructs represent orthogonal oscillations in systems with many degrees of freedom.

ANSWER: **normal modes** [accept **eigenmodes**; prompt on **mode** shapes; prompt on **modes**]

[10] The eigenvalues corresponding to eigenmodes represent this quantity for that oscillation. This quantity is equal to wave velocity over wavelength, and it is equal to one over the period.

ANSWER: **frequency** [accept eigen**frequency**; accept angular **frequency**]

[10] To construct the equations of motion for a multi-degree-of-freedom system, one must find this quantity. This quantity is equal to the kinetic energy minus the potential energy of a system. The Hamiltonian can be obtained by a Legendre transformation on this quantity.

ANSWER: **Lagrangian** [do not accept or prompt on "Lagrange"]

< Iain Carpenter | *Physics* >

6. Ice is theorized to have covered the Earth from pole to equator during these events. For 10 points each:

[10] The most recent occurrence of these events happened 550 million years ago and possibly jump started the Cambrian Explosion. These extreme ice ages are hypothesized to occur due to a positive feedback loop caused when the Earth's albedo increases, eventually causing the Earth to look like a namesake substance.

ANSWER: **Snowball** Earths

[10] Ice had a mild comeback in this epoch that spanned from two million years to 11,000 years ago during which Earth had repeated ice ages. This epoch was followed by the current one -- the Holocene.

ANSWER: **Pleistocene** Epoch

[10] However, the future looks hot. The Sun is getting brighter, and within a billion years the oceans will start to boil away, causing a runaway type of this effect as the increased water vapor traps more heat.

ANSWER: Runaway **Greenhouse** Effect

< Nathan Fredman | *Other Science - Earth Science* >

7. For 10 points each -- name these famous jazz pianists:

[10] This man often collaborated with Louis Armstrong to sing “It Don’t Mean a Thing If It Ain’t Got That Swing.” He popularized Billy Strayhorn’s jazz standard “Take the ‘A’ Train.”

ANSWER: Duke **Ellington** [accept Edward Kennedy **Ellington**]

[10] This man was the pianist on Miles Davis’s album *Kind of Blue*. This pianist’s use of deep, rootless harmonies can be seen on his album *Waltz for Debby*.

ANSWER: (William John) Bill **Evans**

[10] This pianist was a member of Miles Davis’s band in the 1960s. This pioneer of jazz-fusion recorded his song “Spain” with the group Return to Forever on the album *light as a feather*.

ANSWER: Chick **Corea** [accept Armando (Anthony “Chick”) **Corea**]

< Iain Carpenter | *Other Fine Arts* >

8. You are a recently deceased Jew. For 10 points each:

[10] Members of this organization will clean, ritually purify, and dress your body in a simple white robe. Some members of this organization will watch over you until your funeral to protect you from desecration.

ANSWER: **Chevra** Kadisha (*HEV-ruh kuh-DEE-sha*)

[10] On the anniversary of your death, your loved ones will likely recite the mourner’s variety of this prayer. The “Half” variety of this prayer is used to mark the sections of worship services.

ANSWER: **Kaddish** [do **NOT** accept or prompt on “Kiddush”; ask players to spell if unsure]

[10] In lieu of flowers, visitors to your grave will customarily leave these natural objects on your grave to represent permanence and to symbolically weigh down the soul. After one’s death in Western traditions, these sorts of objects are often inscribed with names and dates of birth and death.

ANSWER: **stones** [accept equivalents like **rocks**; or **pebbles**; accept **tombstones** or **headstones**]

< Nathan Fredman | *Religion* >

9. In one work, this practice is explained in terms of the barbaric nature of a certain Brazilian tribe and their old encounters with the cruel methods of Portuguese explorers. For 10 points each:

[10] Name this practice that one writer described happening to a prisoner after his arms were cut off while tied to a tree. That author concluded that doing this to an alive person is worse than if the person were dead.

ANSWER: **cannibalism** [prompt on eating people; accept “**Of Cannibalism**”]

[10] This author who wrote “Of Cannibalism” is often considered the pioneer of the essay. Other essays by this French writer include “Of Vanity” and “On Friendship”.

ANSWER: Michel (Eyquem) de **Montaigne**

[10] Scholars often note the influence of Montaigne’s *Essays* on other authors such as this playwright, who used an almost exact passage of Montaigne’s essay “Of Cannibalism” in part of his play *The Tempest*.

ANSWER: William **Shakespeare**

< Ethan Ashbrook | *Misc Literature* >

10. This molecule can be synthesized from lauryl alcohol derived from the hydrolysis of coconut oil. For 10 points each:

[10] Name this surfactant that remains relatively immobile in polyacrylamide after losing a certain counterion. The anionic form of this molecule is useful for coating proteins in uniform negative charge.

ANSWER: **SDS** [or **Sodium Dodecyl Sulfate**; accept **SLS** or **Sodium Lauryl Sulfate**]

[10] SDS is used in PAGE, one variant of this technique whose most common variety involves running DNA through an agarose gel.

ANSWER: **electrophoresis** [accept SDS-PAGE **electrophoresis**; accept gel **electrophoresis**]

[10] The hydrophobic tail and polar head of SDS allows it to form this structure. These structures are similar to a liposome, and surfactants begin forming these structures above the Krafft temperature.

ANSWER: **micelles**

< Michael Etzkorn | *Chemistry* >

11. Answer some questions about the Chinese water monster Gonggong. For 10 points each:

[10] In one of his usual antics, Gonggong headbutted and destroyed Mount Buzhou. Since that mountain had been holding up the sky, this wife of Fuxi (*foo-she*) replaced it with the legs that she severed from the turtle Ao (*ah-oh*).

ANSWER: **Nüwa** [or **Nügua**]

[10] Yu the Great is said to have killed Gonggong's nine-headed snake minion Xiangliu (*she-aang-"leo"*) in his quest to end these natural disasters. Yu the Great eventually succeeded in stopping these disasters through the construction of a series of channels and dams.

ANSWER: **floods** [accept **deluge**]

[10] Yu the Great was assisted by Yinglong in his struggles against Gonggong and Xiangliu. Yinglong is one of these creatures commonly associated with rain, rivers, and the underworld in Chinese myth.

ANSWER: **dragons** [prompt on **serpent** or **snakes**]

< Ethan Ashbrook / Bradley McLain | *Mythology, Stories, and Legends* >

12. Answer some questions about night music composed by people who weren't Mozart. For 10 points each:

[10] This composer made use of dissonance and cluster chords to invoke his "Night Music" style which can be heard in his *Miraculous Mandarin* after the title character glows in an eerie-green light.

ANSWER: Béla (Viktor Janos) **Bartók**

[10] This Late Romantic composer's Seventh Symphony is nicknamed "Song of the Night." This composer used a setting of Nietzsche's "Midnight Song" in his Third Symphony.

ANSWER: Gustav **Mahler**

[10] *Les nuits d'été* or "the Summer Nights" is a piece by this French composer. This ardent supporter of the octobass fell madly in love with the Irish actress Harriet Smithson, whom he had never met, and composed his *Symphonie Fantastique* about her.

ANSWER: (Louis-)Hector **Berlioz**

< Dylan Bowman | *Music* >

13. One character in this story changes her name to Hulga, a name her mother compares to a “broad blank hull of a battleship.” For 10 points each:

[10] Name this story in which the bible salesman Manley Pointer steals Joy’s artificial leg.

ANSWER: “**Good Country People**”

[10] “Good Country People” is by this Southern Gothic author of “A Good Man is Hard to Find.”

ANSWER: (Mary) Flannery **O’Connor**

[10] In her story “The Life You Save May Be Your Own,” this is the first word Tom teaches the deaf Lucynell to say. The protagonist of a story by different author titled for these things fortifies his house after finding the bodies of the Trigg family.

ANSWER: **bird** [do not accept or prompt on specific birds] (the story is “The Birds” by Daphne du Maurier)

< Mitch McCullar | *Short-Form Fiction* >

14. Answer some questions about the powerhouse of the cell. For 10 points each:

[10] This organelle gets its “powerhouse” reputation because the combined production of ATP is over 50 kilograms a day.

ANSWER: **mitochondria** [or **mitochondrion**]

[10] Eukaryotic cells might not have always had mitochondria according to this evolutionary theory that holds that mitochondria, plastids, and chloroplasts used to be separate cells. This theory posits that a larger cell engulfed the mitochondria and a mutualistic relationship began.

ANSWER: **endosymbiosis** [accept **endosymbiotic** theory or **symbiogenesis**]

[10] One key part of the powerhouse is this protein embedded throughout the outer membrane of the mitochondria. This beta-barrel protein facilitates the equilibrium of protons into the cytosol -- enlarging the pH gradient and allowing ATP synthase to keep pumping out ATP.

ANSWER: **porins** [do **NOT** accept or prompt on “aquaporin”]

<Michael Etzkorn | *Biology* >

15. Answer the following about the philosophy of Bernard Williams. For 10 points each:

[10] Williams introduced the moral type of this concept, which he described as situations in which a person’s actions depend on factors beyond their control, yet they are still blamed for the consequences.

ANSWER: moral **luck**

[10] In a book subtitled “For and Against,” Bernard Williams criticized this ethical system for denying moral agency and treating humans as empty vessels for consequences. This ethical system was formulated by Jeremy Bentham and John Stuart Mill as “the greatest happiness for the greatest number.”

ANSWER: **Utilitarianism**

[10] Williams’ formulation of moral luck was used to criticize this earlier philosopher’s moral theories. In the *Dialectic of Enlightenment*, this thinker’s views of enlightenment are argued to be a source of barbarism and violence.

ANSWER: Immanuel **Kant**

< Ethan Ashbrook / Brad McLain | *Philosophy* >

16. This country engaged in Operation Linda Nchi in an effort against insurgents in its south. For 10 points each:

[10] Name this country which established a federal provisional government in 2012. In 2017, hundreds of people were killed by explosions in its capital city of Mogadishu.

ANSWER: (Federal Republic of) **Somalia** [do NOT accept or prompt on “Somaliland”]

[10] In response to this man’s government cracking down on the Somali National Movement, separatists declared the unrecognized state of Somaliland in 1991. His dictatorial regime declined after losing the Ogaden War.

ANSWER: (Mohamed) Siad **Barre**

[10] This Somali militant group affiliated with al-Qaeda instituted environmental regulations such as banning plastic bags and logging rare species of trees. Its name translates to “the youth,” and it has often come in conflict with the Sufi group Ahlu-Sunna-Waljama’a.

ANSWER: Harakat **al-Shabaab** al-Mujahideen [accept **Ash-Shabaab**, **Hizul-Shabaab**, or **Popular Resistance Movement** in the Land of the Two Migrations]

< Jonathan Lau | *Non-European, Non Commonwealth History* >

17. In this novel, Joyce Emily dies in a train attack after the title character convinces her to join the Spanish Civil War. For 10 points each:

[10] Name this novel about a fascist sympathizer teaching her “set” of six chosen protegés at the Marcia Blaine School for Girls.

ANSWER: *The **Prime of Miss Jean Brodie***

[10] *The Prime of Miss Jean Brodie* was written by this Scottish novelist. She also wrote books like *Memento Mori* and *The Girls of Slender Means*.

ANSWER: Dame Muriel (Sarah) **Spark**

[10] Along with Derek Stanford, Muriel Spark wrote a long essay detailing the life and works of this author of *Wuthering Heights*.

ANSWER: **Emily Jane Brontë** [prompt on **Brontë**]

< Ethan Ashbrook | *Long-Form Fiction* >

18. A Ban Zhao work titled *Lessons for [these people]*, lists humbleness, implicit obedience, and whole-hearted devotion among the seven qualities that these people should strive for. For 10 points each:

[10] Name these people. A later work subtitled “with Strictures on Political and Moral Subjects” criticized Rousseau for the views of these people that he laid out in his work on education *Emile*.

ANSWER: **women** [accept logical equivalents such as **females** or **girls**]

[10] This is the work that criticized *Emile*. This early work in feminist literature was written in response to Talleyrand-Perigord’s report to the French National Assembly.

ANSWER: *A **Vindication of the Rights of Woman**: with Strictures on Political and Moral Subjects* [prompt on **Rights of Woman**]

[10] This activist and author of *A Vindication of the Rights of Woman* laid out her thoughts on education in *Thoughts on the Education of Daughters*. She was also the mother of Mary Shelley.

ANSWER: Mary **Wollstonecraft**

< Bradley McLain | *Social Science* >

19. One work by this artist features a central arrangement of red and blue flowers in front of the titular drowning character. For 10 points each:

[10] Name this Symbolist artist of *Ophelia Among the Flowers*. This artist depicted a humanoid Polyphemus with fat pink lips, rising up behind rocks, to overlook the naked, resting Galatea in *The Cyclops*.

ANSWER: Odilon **Redon** [accept Bertrand **Redon**]

[10] This Pre-Raphaelite artist accidentally let Elizabeth Siddal contract pneumonia while sitting in a cold bath tub to model for his portrayal of *Ophelia*. This artist was viciously attacked by the press for his painting *Christ in the House of His Parents*.

ANSWER: Sir John Everett **Millais**, 1st Baronet, PRA

[10] This French artist created a lithograph titled *Death of Ophelia*. A topless woman in a phrygian cap waves a French flag in this artist's painting *Liberty Leading the People*.

ANSWER: (Ferdinand Victor) Eugène **Delacroix**

< Iain Carpenter | *Painting and Sculpture* >

20. Answer some questions about the aftermath of Roman withdrawal from Britain. For 10 points each:

[10] The Roman Emperor Honorius withdrew troops from Britain in response to this man's invasion of Italy. After destroying Aquileia and Cremona, this king of the Visigoths sacked Rome in 410 AD and died as his tribe marched south into Calabria.

ANSWER: **Alaric** I [or **Alarico** I; or **Alarich** I]

[10] In his work *De Excidio et Conquestu Britanniae*, the medieval writer St. Gildas retold an incident in which a Christian king defeated these people at the Battle of Badon. The language of these people is also known as Old English.

ANSWER: **Anglo-Saxons** [Accept **Angles**, **Saxons**, or **Jutes** alone, or just two out of three]

[10] This archeological site was discovered on the estate of Edith Pretty in 1939 and is thought to be the final resting place of Raedwald, king of East Anglia. Although his body had dissolved, excavators unearthed numerous ornate metal artifacts owned by the king, including this site's namesake helmet.

ANSWER: **Sutton Hoo** Ship Burial

< Jonathan Lau | *Classics, Britain or Commonwealth, Other* >