

WHAQ (Washington High Academic Questionfest) III: Miami Vice
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Packet 5

Tossups

1. **Imines, which have C-N double bonds, are also known as the “Schiff” type of these substances. “Bulky” versions of these compounds such as potassium *tert*-butoxide cause exceptions to Zaitsev’s rule during elimination reactions. Lithium monoxide anion is a “super” type of these compounds. These substances tend to hydrolyze (*) triglycerides in a process called saponification. The Lewis type of these compounds are electron pair donors. Brønsted and Lowry defined these compounds as proton acceptors. For 10 points, name these compounds that have a pH greater than 7.**

ANSWER: **bases** <Chemistry> <David Dennis>/<ed. AR>

2. **One dream sequence in this novel symbolically describes a moral plague spreading across the world and another centers on a horse being beaten to death. The protagonist of this novel has the story of Lazarus read to him by Sonia and pays for her father Marmeladov’s funeral. This novel’s protagonist believes great men should have power over the law, which leads him to murder (*) Lizaveta and the pawnbroker Alyosha [*“al-yo-sha”*]. For 10 points, name this novel about the ‘Napoleonic’ mad-genius Raskolnikov [*“rah-skol-ni-kov”*] and his eventual prosecution, written by Fyodor Dostoyevsky [*“dos-toy-ev-sky”*].**

ANSWER: **Crime and Punishment** [or **Prestupléníye i nakazániye**] <European/World Lit> <Carrie Derner>/<ed. ME>

3. **A Biblical scene with a woman wearing a crown of twelve of these things led to an upside down version of these shapes being used in Mormon Temples. One of these shapes named Haykal is a symbol of the Bahá’i faith. The Druze faith is symbolized by a (*) five-pointed version of one of these objects. One of these objects named for Bethlehem led the three Magi to Jesus’ birth. The Shabbat ends when three of these objects are seen in the sky. One of these shapes named for David is the symbol of Judaism. For 10 points, name these celestial objects that include the Sun.**

ANSWER: **stars** [prompt on **pentagram**] <Religion> <Ganon Evans>/<ed. AR>

4. **Sociologist Royal Melendy studied institutions that led to the passage of this legislation. The Cullen-Harrison Act repealed part of this legislation. Carrie Nation attacked institutions that were targeted by this legislation with a hatchet. The Volstead Act was passed to carry out this legislation, whose passage led to a rise in speakeasies and (*) bootleggers. This legislation was supported by the Women's Christian Temperance Union, and the Twenty-First Amendment repealed it. For 10 points, name this legislation which placed a complete ban on alcohol in the US from 1920 to 1933.**

ANSWER: Prohibition of alcohol [or Eighteenth amendment; or Volstead Act before it is read; accept answers describing the banning of alcohol before it is read in the question; prompt on temperance] <American History> <Samantha Doepker>/<ed. CW>

5. **Description acceptable. One of the first instances of this action was in response to Bronze Night. A false alarm of this action involved the Burlington Electric Department. An earlier instance of this action may have been to apply pressure in favor of the closing of an air base at Manas. Screenshots of correspondence with the G.R.U.-linked *Guccifer 2.0*, one entity indicted for this action, were released by (*) Roger Stone. For 10 points, name this action, in which various entities such as the Democratic National Committee saw security breaches and DDOS attacks from organizations possibly located in Moscow.**

ANSWER: Russian Hacking [or obvious equivalents, except for "security breaches" and "DDOS attacks" after reading; or specific targets, which are, in order: Estonia hacking, Vermont hacking, Kyrgyzstan hacking, the hacking of the Democratic National Committee and hacking Hillary Clinton's emails (which, though not clued, were mentioned in the *Guccifer 2.0* indictment)] <Current Events> <David Dennis>

6. **In one poem by this author, a man describes making a garland, bracelets and "fragrant zone" for "a fairy's child" before being warned by "pale kings and princes too." This author begins a long mythological poem by stating "A thing of beauty is a joy forever." This author of (*) *Endymion* [*"en-dim-ee-in"*] wrote the ballad "La Belle Dame Sans Merci" and a poem that ends by declaring "beauty is truth; truth beauty, -- that is all / ye know on earth, and all ye need to know." For 10 points, name this English poet who wrote "Ode to a Nightingale" and "Ode on a Grecian Urn."**

ANSWER: John Keats <British Lit> <Tyler Benedict>/<ed. ME>

7. **In an exception to its foreign policy, this government allowed for scientific texts to be brought from Dejima, beginning the trend of "Dutch Learning." This government forced nobles who were returning home to leave their families as hostages in the *sankin-kotai* [*"sann-keen koh-tye"*], or alternate attendance, policy. The Convention of Kanagawa ended this government's isolation policy after the arrival of the "Black Ships" of (*) Matthew Perry. This government's founder defeated I-shida Mit-su-nari at the Battle of Sekigahara. The Meiji [*"may-jee"*] Emperor's restoration to power ended this government. For 10 points, name this dynasty of shoguns founded by Ieyasu [*"ee-yah-soo"*], which ruled during the Edo period of Japan.**

ANSWER: Tokugawa Shogunate [or the Tokugawa bakufu; or the Tokugawa period; or the Edo period before it is read; prompt on Japan until it is read] <World History> <Kyle Meyer>/<ed. JO>

8. **This figure bore a son who was suckled simultaneously with Telephus and later joined the Seven Against Thebes. Althaea avenged the death of her brothers Plexippus and Toxeus by burning the charmed log that kept this hero's lover alive. King Oeneus sent Meleager and this mother of Parthenopaeus after a beast of Artemis; after they killed that animal, this hero received its (*) hide.** Aphrodite lent Hippomenes three irresistible golden apples so that he could beat this hero in a footrace and marry her. For 10 points, name this Greek hero, a huntress of Artemis who was the only female Argonaut and drew first blood in the hunt for the Calydonian Boar.

ANSWER: Atalanta <Mythology> <Ganon Evans>/<ed. JO>

9. **The newest version of this language no longer requires a reference to a DOCTYPE. Elements in this language make up the DOM, and this language's spec is maintained by the W3C. Canvas elements incorporated into this language help it to avoid needing plugins like (*) Flash. Anchor tags in this language require a href [“h-ref”] attribute. Presentation of constructs in this language is run by CSS, while interaction is powered by JavaScript. This language was created by Tim Berners-Lee to facilitate moving between documents easily.** For 10 points, name this markup language used to design websites.

ANSWER: HTML <Other Science> <David Dennis>/<ed. AR>

10. **This composer's tune “Cranham” was described by Studwell as “the dreariest melody in a well-liked carol.” After the lukewarm success of a self-translated Sanskrit work, this composer of “In the Bleak Midwinter” found inspiration for one work after a Mediterranean trip and meeting with Clifford Bax. This composer of two *Suites for Military Band* set the hymn (*) “I Vow to Thee, My Country” to a tune from his astrology-based orchestral suite, whose first movement opens with a *col legno* ostinato in 5/4 time.** For 10 points, name this composer of *The Planets*.

ANSWER: Gustav Holst <Auditory FA> <David Dennis>

11. **In one poem by this author, the speaker meets an “encumbered sleeper” in some “profound dull tunnel” who claims “I am the enemy you killed my friend.” An “ecstasy of fumbling” occurs in one of this author's poems before the speaker hears “at every jolt, the blood / come gargling from the froth-corrupted lungs.” This author of “Strange Meeting” described men “Bent (*) double, like old beggars under sacks,” one of whom dies “guttering, choking, drowning,” during a gas attack. That poem by this author ends by calling the title phrase “the old lie.”** For 10 points, name this World War 1 poet of “Dulce et Decorum Est.”

ANSWER: Wilfred Owen <British Lit> <Max Shatan>/<ed. ME>

12. **The Daytime Emmy Awards disallowed the soap opera *Passions*' submission of a character of this type for a 2003 award. On *Crossfire*, after Tucker Carlson said that he thought his guest would be funny, Jon Stewart told Carlson that he refused to be his character of this type. A Kevin Murphy-portrayed character of this type travels with Pearl and "Brain Guy" on *MST3K*. Ross brought a character of this type named Marcel to Monica's New Year's Eve Party. An evil one of these characters lives in Chris' closet on (*) *Family Guy*. Regan Mirzahi voiced a character of this type nicknamed for his red boots on *Dora the Explorer*. For 10 points, name these simian characters, such as Mojo Jojo in *The Powerpuff Girls*.**

ANSWER: Monkeys <Trash> <David Dennis>/<ed. SP>

13. **The value of this parameter in a plasma is proportional to the square root of the adiabatic index. The SOFAR channel has a minimum value of this property and is located 1000 meters below the ocean. Taking the square root of the bulk modulus over density yields this quantity in liquids. The Prandtl-Glauert [*"glau-air"*] singularity was predicted to occur after (*) exceeding this property. In dry air, this quantity equals about 343 meters per second. Dividing an object's velocity by this quantity gives its Mach number. For 10 points, name this quantity, the rate that acoustic waves move in a medium.**

ANSWER: speed of sound [or word forms; prompt on c] <Physics> <Ganon Evans>/<ed. AR>

14. **One of this man's generals, Andre Massena, was prevented from finishing an invasion by the Lines of Torres Vedras. According to Thomas Carlyle, this man used a "whiff of grapeshot" to end an uprising. The term "guerrilla warfare" was first used to describe resistance to this man placing his brother Joseph on the throne of Spain during the (*) Peninsular War. The arrival of Gerhardt von Blucher's [*"bloo-kurr's"*] Prussian troops helped the Seventh Coalition to defeat this man for the final time, after which he was exiled to St. Helena. For 10 points, name this emperor of France, whose final defeat was at the Battle of Waterloo.**

ANSWER: Napoleon [or Napoleon I; or Napoleon Bonaparte; or Napoleone di Buonaparte; do NOT accept "Louis-Napoleon" or "Napoleon III"] <European History> <Aleija Rodriguez>/<ed. JO>

15. **According to an effect first observed by Irving Fischer, government actors cannot simultaneously target both stable price levels and an arbitrary level of this quantity. If this quantity falls below the NAIRU level, an inflationary spiral may occur. In a steady state economy, the Peter Diamond Coconut model predicts that a "natural" level of this quantity will occur. According to Okun's law, a 1 percentage point (*) increase in this quantity is associated with a 2 percent drop in GDP. The Phillips curve plots this quantity against inflation. For 10 points, name this phenomenon that occurs when people are unable to find work.**

ANSWER: unemployment rate <Social Science> <David Dennis>/<ed BM>

16. **In this novel, one character contracts scarlet fever after giving food to the Hummel family's baby. The family patriarch of this novel's central family serves as a chaplain in the American Civil War and does not return home for Christmas. One character in this novel sets up a school called Plumfield with her husband (*) Professor Bhaer [*"BAY-er"*]. In one scene of this novel, Mr. Laurence gifts a piano to Beth, who never recovers from her illness. Marmee is the mother of Meg, Jo, Beth, and Amy in, for 10 points, what book about the March sisters, written by Louisa May Alcott?**

ANSWER: Little Women <American Lit> <Samantha Doepker>/<ed. ME>

17. **This nation's largest lake is in the caldera of Mount Tauhara and is part of a Volcanic Zone that extends to the Bay of Plenty. The Hawke's Bay earthquake devastated this country's town of Napier, which has a large concentration of Art Deco buildings. The largest island in this nation contains the cities of (*) Dunedin and Christchurch. That island in this nation is also home to the Southern Alps and is located south of the Cook Strait from North Island. For 10 points, name this island nation, with a capital at Wellington and whose largest city is Auckland.**

ANSWER: New Zealand [or Aotearoa] <Geography> <John John Groger>/<ed BM>

18. **In this organ, a shortened ligament of Treitz can lead to part of this organ being compressed between two arteries. The sphincter of Oddi controls the flow of digestive juices from the pancreas to this organ. The most common type of Crohn's Disease causes inflammation of one part of this organ, a condition known as (*) ileocolitis. Some cells in this organ use microvilli in order to increase surface area for absorption. Other parts of this organ include the jejunum and duodenum. For 10 points, name this long digestive organ that empties into the large intestine.**

ANSWER: small intestine [prompt on duodenum before mentioned] <Biology> <David Dennis>/<ed. AR>

19. **A system of this kind was marked in public on entities called *fasti*. A reform of this type of system, which was instituted the same year a man was appointed dictator for life, is still used today on Mount Athos. Reforms on a system of this type were carried out by Numa Pompilius, the second King of Rome. Aloysius Lilius devised a variation to one of these systems that adds a (*) leap day in years divisible by 4, unless it is also divisible by 100. Lapses in the date of Easter were fixed by one of these systems named for Pope Gregory XIII. For 10 points, name these systems of organizing time, the most common of which has twelve months.**

ANSWER: Calendars [or Julian calendar; or Gregorian calendar; or the Roman calendar] <Misc. History> <Samantha Doepker>/<ed. JO>

20. **This artist painted a glass of water on top of an umbrella against a red background in his painting *Hegel's Holiday*. This artist also painted an eye with clouds in it in one painting, and depicted six men in black suits around a corpse in another. This artist of *The False Mirror* and *The Menaced Assassin* painted a clock on top of a fireplace with a (*) train coming out of it and added the nonsensical caption "this is not a pipe" to another painting. For 10 points, name this Belgian Surrealist artist of *Time Transfixed* and *The Treachery of Images*.**

ANSWER: Rene Magritte <Visual FA> <Ganon Evans/Chandler West>/<ed. CW>

Tiebreaker. **One type of these devices is called n-channel or p-channel based on gate voltage. Bootstrap circuits can be used to reduce the saturation voltage due to use of the bipolar junction types of these devices. These devices, which were first created at Bell Labs using gold foil contacts on a piece of germanium, went on to replace the (*) vacuum tube in electronic circuits. The density of these objects in an integrated circuit tends to double every two years or so, according to Moore's law. For 10 points, name these semiconductor circuit elements that serve as switches and amplifiers, often made of silicon.**

ANSWER: transistors <Physics> <David Dennis>/<ed. AR>

Bonuses

1. This particle was detected by both the ATLAS and CMS experiments as having a rest energy of 125 giga electron-volts. For 10 points each:

[10] Name this scalar boson that gives mass to certain gauge bosons. Leon Lederman popularized the term “God particle” to refer to this particle.

ANSWER: **Higgs** boson

[10] The discovery of the Higgs boson filled in the last missing piece of this theory in particle physics. This theory classifies all elementary particles, which are often depicted in a colorful table.

ANSWER: **Standard Model**

[10] This problem in the Standard Model has to do with the Higgs’ small mass, and why gravity is so much weaker than the other fundamental forces. One proposed solution to this problem is supersymmetry.

ANSWER: **hierarchy** problem <Physics> <David Dennis>/<ed. AR>

2. In this novel, Willie Copeland has to have his feet amputated to prevent the spread of gangrene after being put in a cold room for trying to escape prison. For 10 points each:

[10] Name this novel, whose deaf-mute protagonist befriends Biff Brannon and Jake Blount. In this novel, John Singer kills himself after the death of Spiros Antonopoulos [*“Spear-os An-ton-ah-pou-lows”*].

ANSWER: *The **Heart is a Lonely Hunter***

[10] Carson McCullers, the author of *The Heart is a Lonely Hunter*, titled her final novel about one of these devices “Without hands.” The “workings” of one of these devices describes an orange in the title of an Anthony Burgess novel.

ANSWER: **clock** [accept A **Clockwork** Orange; accept **Clock** Without Hands]

[10] In this Carson McCullers novel, Bernice takes care of the 12 year old tomboy Frankie Adams, who wishes to join her brother, Jarvis, on his honeymoon to Alaska.

ANSWER: *The **Member of the Wedding*** <American Lit> <William Groger>/<ed. ME>

3. This man is known as the “Hero of the Two Worlds” due to his involvement in the Ragamuffin War and other conflicts in South America. For 10 points each:

[10] Name this man, who commanded the Red Shirts in the Expedition of the Thousand against the Spanish Bourbons while conquering Sicily.

ANSWER: Giuseppe **Garibaldi**

[10] Garibaldi was a leader in the Risorgimento, whose goal was the unification of this modern-day country. Victor Emmanuel II was crowned as this country’s first king in Rome.

ANSWER: Kingdom of **Italy** [or **Italia**; or **Italian** Republic; or Repubblica **Italiana**]

[10] After witnessing the carnage of this battle during the Risorgimento, Henri Dunant was inspired to give aid to the wounded and found the International Red Cross.

ANSWER: Battle of **Solferino** [or the Battle of **Solferino** and San Martino] <Misc. History> <John John Groger>/<ed. JO>

4. Artist Keith Haring lost his life to this disease. For 10 points each:

[10] Name this disease, an epidemic of which started in the early 1980s.

ANSWER: **AIDS** [or **acquired immunodeficiency syndrome**; prompt on HIV or human immunodeficiency virus]

[10] In 1990, Haring's name was added to an AIDS memorial of this medium started in 1985. Artist Faith Ringgold's work chronicles her life in Harlem using this medium in works such as *Tar Beach*.

ANSWER: **quilt**s [or AIDS **quilt**; or obvious equivalents]

[10] A Keith Haring painting is titled *A Pile of Crowns for [this artist]*. This Haitian-American artist was part of the graffiti duo SAMO with Al Diaz and eventually died of a heroin overdose.

ANSWER: Jean-Michel **Basquiat** [*"bass-kee-ah"*] <Misc. FA> <Ganon Evans>/<ed. CW>

5. Tributaries of this river include the Miami in its namesake state and the Wabash. For 10 points each:

[10] Name this river that flows into the Mississippi River at Cairo [*"kay-roh"*], Illinois. Cities on this river include Louisville and Cincinnati.

ANSWER: **Ohio** River

[10] This tributary of the Ohio river has a name meaning "falling banks" in the Unama language. It rises in the Allegheny Plateau and flows through the southwest of Pennsylvania.

ANSWER: **Monongahela**

[10] The Monongahela and Allegheny Rivers merge to form the Ohio in this Pennsylvania city's Point State Park. It is also home to the headquarters of H.J. Heinz Company and is called the "Steel City."

ANSWER: **Pittsburgh**, Pennsylvania <Geography> <John John Groger>/<ed. BM>

6. Many sports use Hawk-eye's triangulation technology for this purpose. For 10 points each:

[10] Name this service performed during the World Cup by VAR. Coaches in the NFL wishing to use this service throw a red flag onto the field.

ANSWER: instant **replay** [or reasonable equivalents, such as action **replay** or **video** replay; prompt on a challenge]

[10] Hawk-eye's technology was gradually adopted in tennis after several questionable calls in this player's quarterfinal loss to Jennifer Capriati at the 2004 U.S. Open. This woman was again embroiled in controversy after she was docked a game against Naomi Osaka at the 2018 U.S. Open.

ANSWER: Serena **Williams**

[10] The first instant replay in Major League Baseball was used after a hit by this then-Yankee third baseman in 2008, upholding a home run call.

ANSWER: Alex **Rodriguez** [or **A-Rod**] <Trash> <David Dennis>/<ed. SP>/<ed. JO>

7. A disembodied baby head looms over another child crying amongst a field of scrap in *Echo of a Scream*, a painting from this country. For 10 points each:

[10] Name this country, whose 1930's muralism movement depicted historical figures like Miguel Hidalgo and was led the "big three," including David Alfaro Siqueiros.

ANSWER: **Mexico** [or **United Mexican States**; or **Estados Unidos Mexicanos**]

[10] This other "big three" artist painted a series of frescoes showing the impact of Native Americans and European colonists on North America for Dartmouth College, titled *The Epic of American Civilization*.

ANSWER: José Clemente **Orozco**

[10] This final member of "the big three" depicted his wife Frida Kahlo in part of a massive mural of *The History of Mexico*. This artist's mural *Man at the Crossroads* was painted over due to its controversial depiction of Lenin.

ANSWER: Diego **Rivera** <Visual FA> <Ganon Evans>/<ed. CW>

8. Recently declassified documents allege that this man authorized the Gu-ku-ra-hun-di massacres, saying that the people of Ma-ta-be-le-land needed to be "re-educated." For 10 points each:

[10] Name this leader, who violently confiscated the land of white farmers in the mid-2000s to redistribute it to the poor residents of his country. His recent opponents include Morgan Tsvangirai [*"svan-gee-rye"*].

ANSWER: Robert **Mugabe** [*"moo-gah-bay"*] [or Robert Gabriel **Mugabe**]

[10] Robert Mugabe was first Prime Minister and then President of this southern African nation. This country was known as Rhodesia when it was led by Ian Smith.

ANSWER: **Zimbabwe** [or Republic of **Zimbabwe**; do NOT accept or prompt on "Rhodesia"]

[10] In 2017, this party sacked Robert Mugabe as its leader and appointed Vice President Emmerson M-nan-gag-wa in his place.

ANSWER: **ZANU**-PF [or the **Zimbabwe African National Union**-Patriotic Front] <World History> <David Dennis>/<ed. JO>

9. This escaped convict travels with Bobby Lee and Hiram, who assist him in his killings. For 10 points each:

[10] Name this character who notes that "it's no pleasure in life" after shooting a woman in the chest three times.

ANSWER: The **Misfit**

[10] The Misfit appears in this story about the family trip to Florida where their death is foreshadowed by the Grandmother's mentioning of an article about the Misfit heading towards Florida.

ANSWER: A **Good Man Is Hard to Find**

[10] This author's Southern Gothic style and depiction of grotesque characters is exemplified in her short story "A Good Man is Hard to Find."

ANSWER: Flannery **O'Connor** [or Mary Flannery **O'Connor**] <American Lit> <Aleija Rodriguez>/<ed. ME>

10. Differentiation of cells in the development of these organs are influenced by transcription factors in the MADS-box family. For 10 points each:

[10] Name these reproductive plant structures. The ABC model describes the development of whorls of petals in these structures.

ANSWER: **flowers**

[10] The ABC model of flower development arose from study of gene expression in this model organism from the mustard family. This plant's tiny genome was the first for a plant to be fully sequenced.

ANSWER: **Arabidopsis thaliana** [or **Arabidopsis**; or **thale cress**]

[10] The outermost whorl of the meristem of Arabidopsis is differentiated into these leaf-like protective structures with the expression of class A genes. These structures collectively form the calyx.

ANSWER: **sepals** <Biology> <David Dennis>/<ed. AR>

11. The catla and rohu are types of the Indian kind of this group of fish, which also includes varieties such as Asian, grass, silver, and common. For 10 points each:

[10] Name this group of freshwater fish. Members of the family Cyprinidae, these fish include goldfish and koi.

ANSWER: **carp** [or **Indian carp**, or **Asian carp**, or **grass carp**, or **silver carp**, or **common carp**]

[10] Asian carp are harmful to the native species of this system of lakes and its tributaries because of the competition for room in the water and food. This system includes Lake Michigan and Lake Superior.

ANSWER: **Great Lakes**

[10] Other invasive species found in the Great Lakes are the quagga and zebra types of these animals. These bivalve molluscs include the family Mytilidae and Dreissenidae.

ANSWER: **mussels** <Other Science> <Silas Clements>/<ed. AR>

12. This tribe published the first Native American newspaper, *The Phoenix*. For 10 points each:

[10] Name this Native American tribe. The Treaty of New Echota was signed on behalf of this tribe, whose written language was developed by Sequoyah.

ANSWER: **Cherokee**

[10] This 1830 legislation forced the Cherokee out of Georgia, and many other Native American tribes out of the Southeast. The Trail of Tears occurred due to the implementation of this act.

ANSWER: **Indian Removal Act**

[10] This Supreme Court case saw Chief Justice John Marshall rule that only the federal government had the right to deal with Native American tribes.

ANSWER: **Worcester v. Georgia** [prompt on **Georgia** alone] <American History> <Katlynn Miller>/<ed. CW>

13. Answer the following about avatars of Vishnu. For 10 points each:

[10] The first avatar of Vishnu, Matsya, took the form of a giant fish to save Manu from one of these cataclysmic events. In the Bible, Noah builds an ark to survive one of these events.

ANSWER: **floods** [or **deluge**; prompt on **rain** or **storms**]

[10] Vishnu's seventh avatar, Rama, fought against this ten-headed Rakshasa king of Lanka who had abducted his wife, Sita.

ANSWER: **Ravana** [or **Ravanaan**]

[10] Mohini was the only avatar of Vishnu to be this type of person. The water buffalo demon Mahishasura could only be killed by a person of this type, which Durga eventually did.

ANSWER: **female** [or obvious equivalents, such as **woman** or **girl**] <Mythology> <William Groger>/<ed BM>

14. The wizard Archimago tricks this character into thinking his wife is unchaste. For 10 points each:

[10] Name this eventual husband of Una, who is revealed to be Saint George in Canto X of the work in which he appears.

ANSWER: The **Redcrosse Knight**

[10] The Redcrosse Knight plays a central role in *The Faerie Queene* by this English poet who, along with Shakespeare and Petrarch, names a type of English sonnet.

ANSWER: Edmund **Spenser** [or **Spenserian** sonnet]

[10] Edmund Spenser wrote a poem titled for the "Calendar" of this profession. Christopher Marlowe wrote a poem about a "passionate" type of this figure who hopes to watch others of this profession feed their flocks while spending some time with his love.

ANSWER: **shepherd** [or "The Passionate **Shepherd** to His Love"] <British Lit> <Tyler Benedict>/<ed ME>

15. Because he did not want to be associated with another figure from this school of philosophy, Gabriel Marcel called himself a "neo-Socratic." For 10 points each:

[10] Marcel was an early example of the Christian variety of this school, one of whose earliest thinkers argued that "anxiety is the dizziness of freedom" in *The Concept of Anxiety*.

ANSWER: **existentialism**

[10] Marcel dreaded being associated with this other existentialist thinker, who wrote a work that described concepts such as "bad faith" and "radical freedom," his *Being and Nothingness*.

ANSWER: Jean-Paul **Sartre** [or Jean-Paul Charles Aymard **Sartre**]

[10] Gabriel Marcel, Simone de Beauvoir, and Jean-Paul Sartre all wrote in this language, as did Franz Fanon, who was born in Martinique and wrote *The Wretched of the Earth*.

ANSWER: **French** [or **Français**] <Philosophy> <Tyler Benedict>/<ed BM>

16. NOTE TO MODERATOR: DO NOT REVEAL ALTERNATIVE ANSWERLINES TO THIS BONUS

The vie at a professorship by George [“*yur-gah*”] is threatened by the prospects of this object. For 10 points each:

[10] Name this object owned by Eilert Lovborg, which is burned by the title character. After burning this object, the title character suggests Lovborg commit suicide, which he does.

ANSWER: Eilert Lovborg’s **manuscript** [accept, but do not otherwise reveal, the **manuscript** in *Hedda Gabler*]

[10] The title character of this play commits suicide herself after securing her husband George [“*yur-gah*”] Tesman’s position for the professorship by burning Lovborg’s manuscript.

ANSWER: **Hedda Gabler**

[10] This Norwegian playwright of *Hedda Gabler* wrote about Nora Helmer leaving her husband in the play *A Doll’s House*.

ANSWER: Henrik **Ibsen** [or Henrik Johan **Ibsen**] <European/World Lit> <Audrey Bush>/<ed. ME>

17. Englishmen poked at this musician with their canes as he walked the streets of London, just to see if he was really made of flesh and blood. For 10 points each:

[10] Name this Italian virtuoso, rumored to have made a deal with the devil. A movement from Schumann’s *Carnaval* named for this man is one of two that is *not* derived from the A.S.C.H. motif.

ANSWER: Niccolò **Paganini**

[10] Paganini wrote a collection of 24 Caprices, renowned for their technical difficulty, for this highest string instrument, featuring multiple stops and various bowing techniques.

ANSWER: **Violin**

[10] The 24th Caprice has provided material for a set of variations by both Brahms and this pianist, whose 18th variation inverts the theme and transposes it to D-flat Major.

ANSWER: Sergei **Rachmaninoff** <Auditory FA> <James Collier>/<ed. DD>

18. The moral edict, or “rede,” of this movement is “An ye harm none, do what thou wilt.” For 10 points each:

[10] Name this religion, one branch of which traces its lineage to the writings of a British civil servant named Gerald B. Gardner. A ritual black-handled knife in this religion is called an athame.

ANSWER: **Wicca**

[10] A religious movement named the “Ancient Order” of this word was established in 1781 in London, inspired by but with no connection to Celtic religious leaders of the same name.

ANSWER: **Druids**

[10] Both Wicca and Druids are examples of Neo- or modern religions under this broader category. Christians used this word and heathen as pejoratives against these polytheistic or pantheistic nature-worshipping religions

ANSWER: **paganism** <Religion> <David Dennis>/<ed. AR>

19. This ruler's general Alexander Suvorov put down an uprising led by a man who pretended to be the long-lost tsar Peter III. For 10 points each:

[10] Name this enlightened despot, who was put on the throne through a coup orchestrated by Grigori Orlov. This monarch also faced Pugachev's ["*Poo-gah-chev's*"] Rebellion.

ANSWER: **Catherine the Great** [or **Yekaterina Velikaya**; or **Catherine II**; or **Yekaterina Alekseyevna**; or **Sophie Friederike Auguste**, Prinzessin von Anhalt-Zerbst; prompt on Catherine; prompt on Yekaterina]

[10] Catherine the Great was the leader of this empire. Other tsars of this country included Michael, the founder of its Romanov dynasty.

ANSWER: **Russia** [or the **Russian Empire**]

[10] This lover of Catherine the Great created namesake fake villages during one of Catherine's visits to the Crimea.

ANSWER: Grigory **Potemkin** ["*Pah-tem-kin*," or Grigori Aleksandrovich **Potemkin**-Tavricheski; or **Potemkin Villages**] <European History> <Aleija Rodriguez>/<ed. JO>

20. The flow of heat through conduction allows a system to approach this state. For 10 points each:

[10] Name this state, in which two systems maintain the same temperature. The zeroth law of thermodynamics shows how this property is transitive.

ANSWER: **thermal equilibrium**

[10] Another equilibrium, named for Donnan and this scientist, describes charged particles across a semipermeable membrane. This man names a "free energy" measuring the spontaneity of reactions.

ANSWER: Josiah **Gibbs** [or Josiah Willard **Gibbs**; or **Gibbs** Free Energy; or **Gibbs**-Donnan Effect; or **Gibbs**-Donnan Equilibrium]

[10] Another equilibrium named for Schlenk describes halides of this element. Reacting this alkali earth metal with an alkyl halide creates strong nucleophiles useful in creating carbon-carbon bonds.

ANSWER: **magnesium** [or **Mg**] <Chemistry> <Ganon Evans>/<ed. AR>