

WHAQ (Washington High Academic Questionfest) III: Miami Vice
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Packet 9

Tossups

1. **William Horsfall said he would “ride up to his saddle” in this group’s blood and was killed by one of these people, George Mellor. Lord Byron compared this group’s plight to “the most oppressed provinces of Turkey” in his first speech in Parliament, and this group’s slogan was “Enoch did make them, Enoch shall break them,” referencing (*) sledgehammers and shearing frames. These people claimed to follow “King Ned” and were targeted by the Frame Breaking Act of 1812. For 10 points, name this British group which has come to name anyone opposed to new technology.**
ANSWER: **Luddites** <European History> <Tyler Benedict>/<ed. CW>

2. **The Just Desert theory for the use of these systems was proposed by Andrew von Hirsch, which he claimed signaled a value shift in the US. According to one work, these institutions are successful because they appear voluntary. In addition to Michelle Alexander’s *The New (*) Jim Crow*, a Michel Foucault work argues that the last of the stages of the title concepts is this system. That work, *Discipline and Punish*, describes one of these systems designed by Bentham called the panopticon. For 10 points, name these systems where people are held for committing crimes.**
ANSWER: **prisons** [or **jails**; prompt on the **criminal justice** system; do NOT accept or prompt on “the legal system”] <Social Science> <David Dennis>/<ed BM>

3. **One character in this work vows not to shed blood while murdering his beloved whose skin was “whiter...than snow” and “smooth as monumental alabaster” after finding her strawberry handkerchief. By getting involved in a drunken brawl, (*) Cassio loses his favor with the title character of this play who is warned of “the green eyed monster” of jealousy. Desdemona is killed by her husband due to the misdeeds of Iago in, for 10 points, what Shakespeare play about the eponymous “Moor of Venice?”**
ANSWER: **Othello** <British Lit> <Ganon Evans>/<ed. ME>

4. **This man escaped capture by King Aretas by being lowered outside the city walls in a basket. This man criticized Peter after he had refused to eat with Gentiles. This man “made havock of the church,” “breathing out threatenings and slaughter” of early Christians, but stopped after hearing a voice cry on the road to (*) Damascus, “Why do you persecute me?” This man, a Roman citizen, changed his name after Ananias [“*ah-nah-NYE-us*”] healed this man of his blindness. For 10 points, name this Christian apostle formerly named Saul, author of New Testament epistles such as Romans and First Corinthians.**
ANSWER: St. **Paul** of Tarsus [or **Saul** before it is read] <Religion> <David Dennis>/<ed. AR>

5. **The GZK limit theoretically denotes the maximum energy these particles have when coming from other galaxies. This particle’s “spin crisis” asks how its quarks and gluons contribute to its spin. These particles make up about 90% of cosmic rays. During beta-plus decay, these particles break down into a neutrino, a positron, and a (*) neutron.** These baryons are made of two up quarks and one down quark. Different isotopes of the same element all contain the same number of these nucleons. One of these particles is found in the hydrogen nucleus. For 10 points, name these subatomic particles with a positive charge.

ANSWER: **protons** [prompt on cosmic ray(s) before it is read] <Physics> <Aleija Rodriguez>/<ed. AR>

6. **Aromatic amino acid de-car-box-y-lase inhibitors are often used to treat this disease. This disease can be indicated by the accumulation of alpha-synuclein in Lewy bodies. Patients with this disease may present with the cogwheel phenomenon or in rubbing the thumb and forefinger back-and-forth in (*) pill-rolling.** Levo-dopa and carbi-dopa are both used to treat this disease. This disorder, which is marked by muscle rigidity and tremors, involves the dysfunction of neurons in the substantia nigra that produce dopamine. For 10 points, name this neurodegenerative disease, known as “shaking palsy.”

ANSWER: **Parkinson’s** disease [or **Parkinsonism**] <Biology> <David Dennis>/<ed. AR>

7. **A speech given by one member of this family in Indiana called on “wisdom through the awful grace of God” and was given from the back of a flat-bed truck. That member of this family was assassinated at the Ambassador Hotel after winning the 1968 California Presidential primary. “The Gift Outright” was recited by (*) Robert Frost at an event centered on another member of this family, who stated “ask not what your country can do for you, ask what you can do for your country,” at that event.** For 10 points, name this political family which contained Senator Robert and President John.

ANSWER: **Kennedy** family [or John Fitzgerald **Kennedy**; or Robert Francis **Kennedy**; or **JFK**; or **RFK**] <American History> <David Dennis>/<ed. CW>

8. **A blue robed shepherd runs his finger along one of these objects, while a woman in blue and yellow gazes at him, in the center of Nicolas Poussin’s [“poo-sahn’s”] painting *Et in Arcadia Ego*. In another painting, four men in black hats march behind a hoisted (*) crucifix while holding one of these things. A crouched man drops his handkerchief next to the final destination for one of these objects in a Gustave Courbet painting set at Ornans.** For 10 points, name these objects used to transport the dead.

ANSWER: **tombs** [or **coffins**; or **sarcophagus**; or obvious equivalents; prompt on grave; prompt on burial; prompt on mausoleum or other equivalents] <Visual FA> <Ganon Evans>/<ed.CW>

9. In one poem by this author, the skipper ties his daughter to the mast of the title ship which crashes “on the reef of Norman’s Woe.” In another poem by this author, the three “blue eyed banditti” [*“ban-dee-tee”*] include “Grave Alice, and laughing Allegra,” who the speaker keeps in “the dungeon” of his heart. This author of “The (*) Wreck of the Hesperus” and “The Children’s Hour” wrote a poem about the title character who calls for the tower of the “old North Church” to hang a lantern-- “one if by land, two if by sea.” For 10 points, name this American Fireside Poet, the author of “Paul Revere’s Ride”.

ANSWER: Henry Wadsworth Longfellow <American Lit> <William Groger>/<ed. ME>

10. This country’s highest point is named for a saint whose remains were supposedly taken there by angels. In addition to Mount Catherine, this country is also home to the Western Desert, which contains several brackish oases and this country’s lowest point, the Qattara [*“kuh-tar-uh”*] (*) Depression. This country is home to a peninsula that is bordered on the east by the Gulf of Aqaba and contains a mountain sacred to Judaism, Mount Sinai. For 10 points, name this country home to Lake Nasser, whose Pyramids of Giza lie outside Cairo.

ANSWER: Arab Republic of Egypt <Geography> <Tyler Benedict>/<ed BM>

11. The ninth poem in this collection asks “Yes, but where leaves the rose of yesterday?” Another poem in this collection describes “so red the Rose where some buried Caesar bled.” The “Sultan’s turret” is struck with “a shaft of light” in the first poem in this collection that contains a description of “the Moving Finger.” The speaker sings under a tree in the wilderness with “A (*) Jug of Wine, a Loaf of Bread -- and Thou” in the most famous quatrain in this collection. For 10 points, name this collection of various poems translated by Edward Fitzgerald, written by Omar Khayyam.

ANSWER: The Rubaiyat of Omar Khayyám (the Astronomer-Poet of Persia. Rendered into English Verse) <European/World Lit> <Aleija Rodriguez>/<ed. ME>

12. Staveless examples of these objects lack vertical strokes, and an item displaying these objects was discovered on Berezan Island in the Black Sea. These items appear on the shoulder of the Lion of Piraeus and a parapet of the Hagia Sophia. Johannes Bureus wrote about these objects, believing they constituted a “Gothic Cabala.” The oldest version of these symbols is called Elder Futhark, and a version was used to write (*) Elfdalian as recently as 1900. Merging two of these symbols created the symbol for Bluetooth. For 10 points, name these symbols that comprise Viking script.

ANSWER: Runes [or Staveless runes; or the runic alphabet; or futhark before mentioned] <World History> <David Dennis>/<ed. JO>

13. **While playing against the Chicago Bears in 1971, a wideout playing for this team named Chuck Hughes suffered a heart attack and died on the field. A player from this team announced his retirement by faxing a letter to the *Wichita Eagle*, his hometown newspaper. That player from this team is (*) Barry Sanders. This team won the national championship title 10 years before the Super Bowl was put into place, but has never made it past the division championship round since. Matt Millen was the architect behind this team's 0-16 record during the 2008 season. For 10 points, name this NFC North team who plays at Ford Field and whose quarterback is Matt Stafford.**

ANSWER: Detroit **Lions** [or **Detroit** Lions] <Trash> <Silas Clements>/<ed. SP>/<ed. JO>

14. **Extreme programming encourages a type of “driven development” named for this process, which encourages developers to perform this process for each feature before writing their actual code. Continuous integration usually involves automatically running this process after building code. Assertions and mocks are widely employed in the (*) “unit” type of this process, done through frameworks such as Junit [*“J-unit”*], Karma, and Jest. This process is typically performed by software QA teams. For 10 points, name this process of making sure code works properly by finding bugs in it.**

ANSWER: software **testing** [or automated **testing**; or unit **testing**; or word forms of **testing**; prompt on **QA** or **quality assurance** before “QA” is read; prompt on **bug fixing**] <Other Science> <Ashwin Ramaswami>

15. **Over half of a posthumous collection of lieder [*“lee-der”*] by this composer uses texts by Stefan Witwicki. During a winter in Mallorca [*“my-yor-kah”*] with his lover and her two children, Maurice and Solange, this composer, like J.S. Bach, wrote a collection of 24 preludes in all major and minor keys. The longest of those preludes has a recurring A-flat and is nicknamed (*) “Raindrop.” Two of his most famous pieces were inspired by the bloody November Uprising and a dog chasing its tail. For 10 points, name this Polish composer of the “Revolutionary” etude [*“ay-tude”*] and the “Minute” waltz.**

ANSWER: Frédéric François **Chopin** <Auditory FA> <James Collier>/<ed. DD>

16. **Land that this man owns in Texas is currently being excavated to house the Danny Hillis-designed 10,000-year Clock of the Long Now. Saint Louis University drew criticism after installing a product from this man's company in every student apartment. This man founded one company with multiple projects named for members of the Mercury Seven, and this man's name forms the acronym from a (*) Bernie Sanders-introduced tax on under-paying employers. This owner of the *Washington Post* founded the second US company to reach \$1 trillion in value. For 10 points, name this man, Forbes' wealthiest man in the world, the founder and CEO of Amazon.**

ANSWER: Jeff **Bezos** <Current Events> <David Dennis>

17. **The ligands of Zeise's salt are three chloride atoms and one of these compounds. Ozone can react with these molecules to form a Criegee intermediate, yielding two aldehydes or ketones. These compounds have at least one atom with sp^2 ["s p two"] hybridization. These compounds' stereochemistry can be denoted by E and Z. Monomers of these compounds make up polyethylene and polypropylene.** (*) Acetylene is the simplest of these compounds, which more generally are named with the suffix *-ene*. For 10 points, name these molecules with at least one carbon-carbon double bond.
ANSWER: alkenes [do NOT accept or prompt on "alkane(s)" or "alkyne(s)"] <Chemistry> <Aleija Rodriguez>/<ed. AR>

18. **In one novel by this author, a "Resurrection-Man," who works at Tellson's bank and digs up bodies as a side hustle, is named Jerry Cruncher. In that novel by this author, a wife of a wine shop owner spends her days knitting names of people she has marked for death. Stryver gets credit for Lucie** (*) Manette's husband, Charles Darnay, in this author's novel centering on Darnay's "jackal" lookalike Sydney Carton. An orphan created by this author becomes a pickpocket for Fagin after meeting the Artful Dodger. For 10 points, name this Victorian author of *A Tale of Two Cities* and *Oliver Twist*.
ANSWER: Charles Dickens <Carrie Derner>/<ed. ME>

19. **In one myth, this deity commanded the poison of seven scorpions to leave the body of a young boy whose mother denied this deity shelter. In another myth, this deity removes a coffin from a pillar in Byblos, and is usually depicted with a throne headdress. This goddess is able to discover another god's secret name after constructing a** (*) snake out of clay and having it bite him. This goddess brought her husband back to life after his body was chopped into 14 pieces in a contest for the throne. For 10 points, name this mother of Horus and wife of Osiris, the Egyptian goddess of magic and motherhood.
ANSWER: Isis <Mythology> <Max Shatan>/<ed. JO>

20. **An early formula for making this substance incorporated one part birthwort herb. Marshall Hodgson used this substance to collectively describe the Ottoman, Safavid and Mughal Empires. A promise to send a recipe for this material is found at the end of the "Remember the Ladies" letter of** (*) Abigail Adams. A letter sent to the 4th Baron Monteagle led to the discovery of Guy Fawkes guarding 26 barrels of this substance, which names a "plot" against James I. For 10 points, name this substance which is widely used as a propellant in firearms.
ANSWER: Gunpowder [or the Gunpowder Empires; or the Gunpowder Plot] <Misc. History> <David Dennis>/<ed. JO>

Tiebreaker. **An artist from this country painted blue and white designs on his *Six-Pack of Coca-Cola*. Another artist from this country commissioned 100 million painted sunflower seeds in 2010. A complex in this country was discovered in 1974 by farmers digging a well. An artist from this country collaborated with Herzog and de Meuron to design a stadium known as the Bird's Nest in this country's (*) capital.** For 10 points, name this home country of artists like Zhang Hongtu [*Jang hohng-too*] and Ai Weiwei [*Ay Way-Way*] where many political artworks were prompted by the Cultural Revolution.

ANSWER: People's Republic of **China** [or **Zhonghua** Renmin Gongheguo; or **Chunghua** Jen-min Kung-ho-kuo; or **Zhongguo**] <Visual FA> <Ganon Evans>/<ed. CW>

Bonuses

1. The Tyndall [*“tin-doll”*] effect is an easy way of defining the difference between these mixtures and solutions. For 10 points each:

[10] Name these systems of insoluble particles suspended in a medium, such as fat globules and proteins found in milk.

ANSWER: colloids

[10] The majority of protein in cow’s milk is from these spherical particles made of casein (“cah-say-in”). These aggregations of surfactants form above the Krafft temperature.

ANSWER: micelles [or micellae]

[10] Using acid or rennet allows casein micelles to undergo this process of falling out of suspension, needed to form cheese curds. This process is the inverse of peptization.

ANSWER: coagulation [or flocculation; accept word forms] <Chemistry> <David Dennis>/<ed. AR>

2. For 10 points each, name these different European rivers:

[10] Name this river, one of the chief rivers of France. This river is crossed by 37 bridges including the Pont Neuf, Pont des Arts, and the Pont de Normandie, and runs through the heart of Paris.

ANSWER: Seine River [or La Seine]

[10] Tributaries of this river include the Drava and the Tisza. It passes through several capital cities, including Bratislava and Belgrade.

ANSWER: The Danube

[10] This river passes through Sacedon, Toledo, and Aranjuez before it empties into the Atlantic in Lisbon.

ANSWER: Tagus River <Geography> <Aleija Rodriguez>/<ed BM>

3. In this battle, Admiral Patricio Montojo [*“mont-o-ho”*] was forced to abandon the *Reina Cristina* and hoist his flag on the cruiser *Isla de Cuba*. For 10 points each:

[10] Name this decisive naval battle, also known as the Battle of Cavite [*“cah-vee-tay”*].

ANSWER: Battle of Manila Bay

[10] The Battle of Manila Bay was the opening battle of this war, which began after the explosion of the USS *Maine*. Guam and Puerto Rico were ceded to the US in the aftermath of this war.

ANSWER: Spanish-American War

[10] This commander of the American flotilla at the Battle of Manila Bay told Captain Gridley he “may fire when [he is] ready” at the battle.

ANSWER: George Dewey <American History> <David Dennis>/<ed. CW>

4. This character inherited her father's wealth after Gazerbeam and Fironic failed to respond to his emergency call during a home invasion. For 10 points each:

[10] Name this sister of Winston Deavor, who develops hypnotic goggles in order to capture and frame Supers for crashing the Everjust.

ANSWER: the **Screenslaver** [or **Evelynn** Deavor]

[10] The Screenslaver's attempt to crash a bullet train was foiled by this matriarch of the Parr family, who accepts Winston Deavor's offer to help restore Supers while her husband Bob takes care of Jack Jack.

ANSWER: **Mrs. Incredible** [or **Helen** Parr; or **Elastigirl**]

[10] In the *Incredibles 2*, this best friend creates an ice wall to help the kids escape from the Screenslaver. He asks "Honey, where is my supersuit?" before freezing the legs of the Omnidroid in the original movie.

ANSWER: **Frozone** [or **Lucius** Best; or Lucius **Best**] <Trash> <Ganon Evans>/<ed. SP>

5. This poet's works were translated and collected in Anne Carson's *If Not, Winter*. For 10 points each:

[10] Name this poet of Lesbos, whose 31st fragment is often called "Ode to Anactoria."

ANSWER: **Sappho**

[10] Sappho is frequently referred to as the tenth of these mythical figures of the arts, who were often invoked by poets like Homer and Virgil.

ANSWER: **muses** [or **moúsa**; or **moúses**]

[10] This author adapted Sappho's 31st fragment into his 51st of 116 carmina. In another poem, this author described bidding farewell to his dead brother.

ANSWER: **Catullus** [or Gaius Valerius **Catullus**] <European/World Lit> <Carrie Derner>/<ed. ME>

6. This woman was forced to live as a Vestal Virgin by her uncle Amulius after he usurped the throne of her father, Numitor. For 10 points each:

[10] Name this woman, who bore two children despite her vow of celibacy. Most traditions say her children were fathered by Mars, although Livy writes she was raped by an unknown man.

ANSWER: **Rhea Silvia** [prompt on a partial answer]

[10] *Two answers required.* Rhea Silvia gave birth to these *two* boys, one of whom would go on to found a city on the Palatine Hill after seeing six more vultures than his brother.

ANSWER: **Romulus** and **Remus** [accept answers in either order]

[10] According to legend, Romulus and Remus were nursed by one of these animals in a cave called the Lupercal after a servant set them adrift on the Tiber to avoid their capture by Amulius.

ANSWER: she-**wolf** [or **Canis lupus**] <Mythology> <Tyler Benedict>/<ed. JO>

7. This law is microscopically generalized between electrons in the Drude ["droad"] Model, assuming that the electric field is uniform and constant. For 10 points each:

[10] Name this law, which states that the resistance in a circuit is equal to voltage over current. In AC circuits, impedance can be found using this law.

ANSWER: **Ohm's** Law

[10] An analogue of Ohm's Law that applies to magnetic circuits is this law, where magnetic flux is equal to magnetomotive force over magnetic reluctance.

ANSWER: **Hopkinson's** Law

[10] Another analogue of Ohm's Law involves a dashpot, such as a plunger in a cylinder of liquid, in which the resistance equals this value over acceleration. Impulse is the integral of this quantity over time.

ANSWER: **force** <Physics> <Ganon Evans>/<ed. AR>

8. Miles shouts "You devil!" to a red-haired man with this characteristic before dying in the Governess' arms. For 10 points each:

[10] Identify this characteristic, shared by the lovers Peter Quint and Miss Jessel.

ANSWER: **dead** people [or **demons**; or **ghosts**; or clear knowledge equivalents, such as **supernatural** beings or **spirits**; or **figments** of the Governess' **imagination**]

[10] Peter Quint and Miss Jessel are two ghosts who haunt the governess in this novella about Miles and Flora, the children that the governess is tasked with keeping well.

ANSWER: *The **Turn of the Screw***

[10] This author of *The Turn of the Screw* also wrote *Portrait of a Lady* and *Daisy Miller*.

ANSWER: Henry **James** <American Lit> <Aleija Rodriguez>/<ed. ME>

9. Inns where travelers could stay along this route were known as caravanserais ["care-ah-van-sir-ay"]. For 10 points each:

[10] Name this trade route that connected Europe to Asia. It was named for its namesake commodity that originated from Asia.

ANSWER: **Silk Road** [or the **Silk Route**]

[10] At Kashgar, you could meet some of these Turkic-speaking Muslim people leaving to fight the An Lushan Rebellion. They still live in Xinjiang ["shin-jyong"] province in 2018, being detained in "re-education camps."

ANSWER: **Uyghurs** [or **Weiwu'er**; or **Uighur**; or **Uygur**]

[10] Along the Silk Road, you can see Taq Kasra, a Sassanid-built banquet hall by this river in Ctesiphon ["suh-tes-ee-phan"]. An 1888 flood of this river, along with the nearby Euphrates ["you-fray-teez"], damaged the massive vaulted arch.

ANSWER: **Tigris** River <World History> <David Dennis>/<ed. JO>

10. Though not Rimsky-Korsakov, this man wrote two pieces entitled *Shéhérazade* and an orchestral work named for Spain. For 10 points each:

[10] Name this French composer, who commemorated a compatriot Baroque composer in *Le tombeau de Couperin* [*“ley tom-bow duh cou-pair-en”*]. He also wrote a piano concerto for the left hand for Paul Wittgenstein.

ANSWER: Maurice **Ravel** [or Joseph Maurice **Ravel**]

[10] This C major piece by Ravel, commissioned for Ida Rubinstein, was inspired by Albeniz’s *Iberia*. It contains a notable snare drum ostinato.

ANSWER: **Boléro**

[10] This piano suite was based on a poetry collection by Aloysius Bertrand. Its third movement, “Scarbo,” was written to be more technically difficult than *Islamey* by Mily Balakirev.

ANSWER: **Gaspard de la nuit** [*“gas-par deh lah nwee”*] <Auditory FA> <John John Groger>/<ed.DD>

11. During the second of these wars, the army of Lucius Aemilius Paullus and Gaius Terentius Varro was effectively wiped out as a fighting force after being double-enveloped at Cannae. For 10 points each:

[10] Name this series of three wars fought between Rome and Carthage.

ANSWER: **Punic** Wars [or First **Punic** War; or Second **Punic** War; or Third **Punic** War]

[10] This leader of the Carthaginian forces during the Second Punic War used the double-envelopment tactic to crush the Romans at Cannae. This general crossed the Alps with war elephants.

ANSWER: **Hannibal** Barca [prompt on **Barca**]

[10] Due to his dissatisfaction with the result of the Second Punic War, this senator egged on the third war by ending every one of his senate speeches with the phrase “Carthage must be destroyed.”

ANSWER: **Cato the Elder** [or **Cato the Censor**; prompt on **Cato**; prompt on Marcus Porcius **Cato**] <Misc. History> <Aleija Rodriguez>/<ed. JO>

12. Composers from this country include Joaquín Rodrigo, whose *Concierto de Aranjuez* is a concerto for this nation’s namesake classical guitar. For 10 points each:

[10] Name this country. Another work from here is Manuel de Falla’s ballet *El amor brujo*, which inspired a track called “Will o’ the Wisp” on an album titled “Sketches of [this country].”

ANSWER: Kingdom of **Spain** [or Reino de **España**; or **Sketches of Spain**]

[10] *Sketches of Spain* is an album by this jazz trumpeter who also recorded *Kind of Blue* and *Birth of the Cool*.

ANSWER: Miles **Davis** [or Miles Dewey **Davis** III]

[10] “Spain” is also the name of a track on this jazz pianist’s 1972 album *Light as a Feather*, which he recorded with his group Return to Forever.

ANSWER: Chick **Corea** [or Armando Anthony **Corea**] <Misc. FA> <Tyler Benedict>/<ed.DD>

13. The last of these events is named for Brunhes and Matuyama and occurred 781,000 years ago. For 10 points each:

[10] Name these events in Earth's history. Evidence for these events is recorded in zebra-like stripes on the ocean floor.

ANSWER: geomagnetic reversals [or word forms; or polarity reversal; or any answers involving "Earth's magnetic field changing polarity"]

[10] Vine, Matthews, and Morley used evidence of geomagnetic reversals on the ocean floor to argue for this tectonic process. This process involves the creation of new seafloor around a mid-oceanic ridge.

ANSWER: seafloor spreading

[10] In their paper, Vine, Matthews, and Morley studied the Mid-Atlantic Ridge as well as the Carlsberg Ridge, which is located in this ocean. This ocean contains the Australian plate and eastern African plate.

ANSWER: Indian Ocean <Other Science> <Ashwin Ramaswami>

14. In May 2018, vandals painted and left pamphlets stating "It's okay to be white" near the entrance of one of this artist's installations. For 10 points each:

[10] Name this artist, best known for pioneering Color Field painting. A Houston "chapel" named for him features a Barnett Newman sculpture dedicated to Martin Luther King, Jr. in front of it.

ANSWER: Mark Rothko [or Markus Yakovlevich Rothkowitz]

[10] Rothko was first categorized as a Color Field artist by Clement Greenberg. Greenberg also championed the work of this Abstract Expressionist, an "action painter" who was known as "the Dripper."

ANSWER: Jackson Pollock

[10] Greenberg noted a link between this series of paintings and the work of Pollock. This series of paintings was created at the artist's garden in Giverny, and a summer 2018 exhibition at a Paris museum showed these paintings alongside works of Abstract expressionists.

ANSWER: Water Lilies (by Claude Monet [*"MO-nay"*]) [or Nymphéas; the museum is the Musée de l'Orangerie] <Visual FA> <David Dennis/Chandler West>/<ed. CW>

15. In this novel, hypnotist-enthusiast Mr. Holgrave claims daguerreotypes [*"da-gair-e-o-types"*] can see into your soul. For 10 points each:

[10] Name this novel that begins with a curse on the Pyncheon [*"pinch-in"*] family for Colonel Pyncheon's accusations against Matthew Maule for witchcraft.

ANSWER: *The* House of the Seven Gables

[10] This author of *The House of the Seven Gables* wrote about Faith and a satanic cult in "Young Goodman Brown." He also wrote about the consequences of adultery in *The Scarlet Letter*.

ANSWER: Nathaniel Hawthorne

[10] In *The Scarlet Letter*, this wife of Roger Chillingworth and mother of Pearl has an affair with Arthur Dimmesdale, causing her to be branded with the Scarlet Letter.

ANSWER: Hester Prynne [or Hester Prynne] <American Lit> <Aleija Rodriguez>/<ed. ME>

16. After Lady Caroline Lamb's affair with this author, she called him "mad, bad and dangerous to know." For 10 points each:

[10] Name this English poet whose poems about love include "So We'll Go No More a Roving" and "When We Two Parted."

ANSWER: Lord **Byron** [or George **Gordon** Byron, 6th Baron Byron; or George Gordon **Noel** Byron; or George **Byron**]

[10] Lord Byron ironically dedicated *Don Juan* to Robert Southey, who held this office for thirty years. This post is currently held by Carol Ann Duffy.

ANSWER: **Poet Laureate** of the United Kingdom [or "of (Great) Britain" or "of England"; do not accept "of the United States"]

[10] In *Don Juan*, Byron also mocks this poet of "The Rime of the Ancient Mariner," asking if he could "explain his explanation." on metaphysics.

ANSWER: Samuel Taylor **Coleridge** <British Lit> <Tyler Benedict>/<ed. ME>

17. The py-ro-phos-phate form of this compound is an essential cofactor required by trans-ke-to-lase and py-ru-vate de-hy-dro-gen-ase. For 10 points each:

[10] Name this compound, a B vitamin. Wernicke-Korsakoff syndrome can be caused by a lack of this vitamin.

ANSWER: **thiamine** [or vitamin **B1**]

[10] Prolonged thiamine deficiency can cause this illness with "wet" and "dry" forms. In ancient Japan, this disease was known as "kakke" and often caused by eating white rice.

ANSWER: **beriberi**

[10] By preventing pyruvate from being metabolized, thiamine deficiency can indirectly elevate levels of this molecule. The buildup of this molecule in muscles during fermentation leads to muscle soreness.

ANSWER: **lactic acid** [or **lactate**] <Biology> <David Dennis>/<ed. AR>

18. The last will of the founder of this philosophical school set up a trust for his academy, which came to be known as *Ho Kepos*, or "The Garden." For 10 points each:

[10] Name this Hellenistic system of philosophy that teaches that the greatest good is to seek modest pleasures in order to attain *ataraxia* and *aponia*.

ANSWER: **Epicureanism**

[10] Epicurus taught that the basic constituents of the world are these indivisible pieces of matter, flying through empty space. The Bohr model describes these things as being a small positively charged center surrounded by electrons.

ANSWER: **atoms**

[10] Along with his teacher Leucippus, this pre-Socratic philosopher developed the idea of the atom. This philosopher denied free will by arguing that atoms must move in straight lines.

ANSWER: **Democritus** <Philosophy> <David Dennis>/<ed BM>

19. After bragging about this city's riches, the Tartars allegedly hooked Nikita Shchemyaka [*“sh-chim-yah-kah”*] by the tongue to his horse's tail, saying that it will take him there. For 10 points each:

[10] Name this city, which was the capital of the Rus [*“roos”*] state until it was sacked by Batu Khan. This modern-day city is the capital of Ukraine.

ANSWER: **Kiev** [or **Kievan Rus**]

[10] This Prince of Kiev had the idol of Perun [*“pey-roon”*] tied to a horse's tail, dragged, beaten with sticks and cast into the Dnieper [*“neeper”*] River when he converted to Christianity.

ANSWER: **Vladimir I** [or **Vladimir the Great**; prompt on **Vladimir**]

[10] The Cardinal Isidore of Kiev survived the sacking of this city by putting his Cardinals habit on a corpse. This city was captured by Mehmed II's forces, who used cannons designed by Orban [*“or-bahn”*].

ANSWER: **Constantinople** [or **Istanbul**; or **Byzantium**] <European History> <David Dennis>/<ed. JO>

20. The Israelites made a dye of this color from sea snail secretions called *tekhelet* [*“te-CHELL-et”*], which was used to color the fringes of their prayer shawls. For 10 points each:

[10] Name this color. The *Zohar* warns that seeing this color in a dream is a bad omen, and that one must pray to avoid it.

ANSWER: **blue**

[10] The Blue Cliff Record contains many of these enigmatic Zen Buddhist statements. A famous one of these asks, “What is the sound of one hand clapping?”

ANSWER: **koans**

[10] Blue is also mostly worn by the armed warrior order of followers of this religion, known as the Nihang. The Nihang is part of the Khalsa, which follows the Five K's of this Indian religion.

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