

WHAQ (Washington High Academic Questionfest) II: Miami Connection

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Written by current and former members of the teams at Washington and Miami Valley

Packet 9

Tossups

1. A revolution in this country began after the editor Georgiy Gongadze was murdered, allegedly on the orders of President Kuchma. After learning that Peter the Great might replace him as the hetman of this modern-day country's cossacks, Ivan Mazepa aided Swedish king Charles XII at the Battle of Poltava. A state in this modern-day country was founded by (*) Rurik, as described in the *Primary Chronicle*. This country's Exclusion Zone includes Pripyat and was formed after a nuclear disaster at Chernobyl [*"Chair-NO-bill"*]. For 10 points, name this modern-day country, where the Rus state was centered in Kiev.

ANSWER: Ukraine [or Ukrayina] <David Dennis>/<ed. JO>

2. This thinker described Israel's "warrior asceticism" and ecstasy in *Ancient Judaism*. According to this thinker's book *Religion in China*, Confucian ideals prevented capitalism's development. He described six characteristics of a bureaucracy including how it is "purposely impersonal". This thinker described three types of legitimate (*) authority in a book which says that the state has a monopoly on the legitimate use of force. For 10 points, name this thinker who first formulated the "iron cage" in the *Protestant Ethic and Spirit of Capitalism*.

ANSWER: Max Weber <Sophia Johnson>/<ed. HB>

3. This novel's protagonist likens "great thunderstorms" to an Aztec Red Convertible driver named detective Trapp. A Packard motor car hits Charlotte after reading the diary of this novel's protagonist, who is devastated when his childhood love Annabel (*) Leigh dies of typhus. The protagonist of this novel shoots the playwright of *The Enchanted Hunters*, Claire Quilty. For 10 points, name this novel about Humbert Humbert's obsession with the "nymphet" Dolores Haze, written by Vladimir Nabokov.

ANSWER: Lolita <Carrie Derner>/<ed. ME>

4. The predecessor to this religion's founder temporarily disappeared during an attempted execution by the Persian Empire. Members of this religion addressed the letter *The Promise of World Peace* to humanity, and it was led by Hands of the Cause. The first and only Guardian of this faith was Shoghi Effendi. It is headquartered in the Universal House of (*) Justice located in Haifa, Israel. The founder of this religion was a follower of the Báb and taught the unity of all religions by referring to Buddha and Jesus as Manifestations of God. For 10 points, name this religion founded by Baha'u'llah [*"Bah-ha-OO-lah"*].

ANSWER: Baha'i faith <Sophia Johnson>/<ed. AR>

5. **Ehrenfest's theorem reduces to this equation in the limit of large quantum numbers. Adding a term to this equation for variable mass due to spent fuel yields the rocket equation. A simple harmonic oscillator's motion can be described by setting (*) Hooke's law equal to one form of this equation. The rotational analogue of this equation sets torque equal to the product of the moment of inertia and the angular acceleration. For 10 points, name this law written as *F equals m a*.**

ANSWER: **Newton's Second** Law of Motion <David Dennis>/<ed. HB>

6. **Aptamers from this substance were the first discovered and are still the preferred source for in-cell SELEX [*"SELL-exx"*] processes. In another process, this molecule is successively cleaved by Droscha and then Argonaute. The "micro" and "small interfering" types of this molecule can be broken down by a namesake (*) "interference" process. Eukaryotic modification of this molecule, such as the splicing of introns and addition of a 5-prime cap, can affect levels of gene expression. For 10 points, name this single-stranded nucleic acid that is produced from DNA during transcription.**

ANSWER: **RNA** [or messenger RNA; or mRNA] <David Dennis>/<ed. AR>

7. **While leading an organization, this man instituted the Synanon community requirement "the Game," which required each member to be singled out to hear harsh, profanity-laced criticism from the rest of the group. While this man was undertaking a 25-day fast in Phoenix, his partner came up with the slogan "si se puede," [*"see say pway-day"*] or "yes, (*) one can." With Dolores Huerta, this man organized a march of grape workers from Delano to Sacramento and co-founded the UFW. For 10 points, name this Mexican-American activist, who founded the NFWA.**

ANSWER: Cesar **Chavez** [or Cesar Estrada **Chavez**] <Jonathan Amlong>/<ed. JO>

8. **A painting by this artist depicts the founder of the Roman Republic brooding while officers bring in the bodies of his sons. Another painting by this artist depicts a man in an orange robe looking away as the central figure points upward and reaches for a cup. In another painting by this artist of *The Lictors Bring to Brutus the Bodies of His Sons*, a woman in a blue dress faints on a bench on the right foreground while three (*) brothers reach for a handful of swords. A third painting by this artist depicts a man holding a letter in a bathtub after being murdered by Charlotte Corday. For 10 points, name this French artist of *The Death of Socrates*, *The Oath of the Horatii* [*"Hor-ay-shee-eye"*], and *The Death of Marat*.**

ANSWER: Jacques-Louis **David** <David Dennis>/<ed. CW>/<ed. JO>

9. **In one poem by this author, the speaker shouts "Police! Police! Come and get this man!" In another poem by this author of "Ballad of the Landlord", the speaker wants "Bessie, bop or Bach" records, and describes his instructor telling him to "Go home and write a page tonight." This poet described a man "droning a drowsy (*) syncopated tune" and another poem repeats that "my soul has grown deep" like the title water feature. For 10 points, name this Harlem Renaissance poet of "Theme for English B", "The Weary Blues," and "The Negro Speaks of Rivers."**

ANSWER: Langston **Hughes** [or James Mercer Langston **Hughes**] <Joe Stitz>/<ed. ME>

10. This city was the site of the last Summer Olympics to be held on the same year as their winter counterpart, and it contains the Eixample ["eye-sham-play"] district. This city, which is overlooked by Montjuic ["Mont Ju-eesh"], was home to a 1929 International Exposition and contains La Rambla. One building designed by its most notable architect will be completed in 2026; that architect also built Casa Mila and (*) Park Guell, as well as the aforementioned cathedral. For 10 points, name this city in which Antoni Gaudi designed the Sagrada Familia, which is located in the Spanish region of Catalonia.

ANSWER: Barcelona <John John Groger>/<ed. DD>

11. One character in this work is told not to look in a mirror because it grieves her to see ugly people, and another character in this work tells a woman he is the angel Gabriel then jumps out her window. One character in this collection cooks his falcon and gives it to a sick boy's mother. The central characters of this collection are known as the (*) Brigata, and they flee to the Santa Maria Novella. Seven women and three men in this work tell stories for ten nights while escaping the plague in Florence. For 10 points, name this story collection by Giovanni Boccaccio.

ANSWER: *The Decameron: Prince Galeotto* [or *Decameron: Principe Galeotto*] <Carrie Derner>/<ed. ME>

12. The crest of this government depicted three hollyhock leaves inside a circle, and Dutch traders were housed on an artificial island it created, Dejima ["DAY-jee-mah"]. This government took power after defeating Ishida Mitsunari ["Mit-su-nar-ee"] in a battle in which Kobayakawa Hideaki ["Koh-be-ya-ka-wa Hee-day-ah-kee"] defected to its side. The arrival of (*) Matthew Perry's "Black Ships" led to the Convention of Kanagawa, which opened the ports of this government to the U.S. This dynasty's founder, Ieyasu ["Ee-yah-soo"], defeated forces loyal to Toyotomi Hideyori ["Toh-yoh-toh-mee Hee-day-yore-ee"] at the Battle of Sekigahara ["Say-kee-gah-har-ah"], and it was ended by the Meiji ["MAY-jee"] Restoration. For 10 points, name this dynasty of shoguns that presided over the Edo period in Japan.

ANSWER: Tokugawa shogunate [or the Edo period before "Edo" is read; or the Tokugawa period; or the Tokugawa bakufu] <John John Groger>/<ed. JO>

13. One of these entities in Japan was forced to close down only 2 hours after opening to the media, after an allision incident. Another one of these entities in South Africa was so intense, it lead a subcontractor of it to refuse involvement in its creation. That subcontractor, Giovanola ["Jee-oh-va-nola"] unfortunately went bankrupt after only making 4 of these entities, one of which includes the (*) Goliath in Valencia, California. One of these entities can be found at all of the Disney-affiliated parks and is titled Space Mountain. For 10 points, name these entities found at amusement parks, which feature drops, hills, turns, and loop-d-loops.

ANSWER: Roller Coasters <Max Grimes>/<ed. SP>/<ed. JO>

14. **The original NATO microwave band denoted by this letter has been split into three sections by the adoption of the IEEE standard. The amino acid abbreviated by this letter forms a Schiff base with retinaldehyde [“re-tin-al-de-hyde”]. The stellar system of Epsilon Eridani, an active star of the spectral type, is denoted by this letter. This letter is the traditional abbreviation for the (*) Cretaceous Period. It is the symbol for the SI unit of thermodynamic temperature. For 10 points, name this letter, the atomic symbol for potassium.**
ANSWER: **K** <David Dennis>

15. **One work by this composer sees Gabey pursue “Miss Turnstiles” along with Ozzie and Chip. Another work by this composer starts with a guitar-playing Celebrant singing “A Simple Song.” This composer of *On the Town* and *MASS* wrote the songs "Glitter and Be Gay" and "Make Our Garden Grow" for his operetta (*) *Candide*, and hosted a popular series of "Young People's Concerts" as conductor of the New York Philharmonic. This composer wrote a musical which includes the songs "A Boy Like That" and "I Feel Pretty." For 10 points, name this American conductor and composer of *West Side Story*.**
ANSWER: Leonard **Bernstein** <David Dennis>

16. *Description Acceptable:* **One of these items contains a plea to Pakistani President Muhammad Zia-ul-Haq concerning TWA Flight 847. The initial equipment to produce these items was provided by David Sarnoff in 1940 and involved a lamp. On one of these items, Admiral George Burkley is asked about blue pills. A subpoena for these items from (*) Archibald Cox was the impetus for the "Saturday Night Massacre." For 10 points, Trump tweeted that "James Comey better hope" there weren't any of what items, whereby a President surreptitiously could have a record of a conversation?**
ANSWER: Presidential secret **tapes** [or Presidential secret **recordings**; or basically any answers that reasonably contain the underlined words in whichever form] <David Dennis>

17. **These functional groups are produced by ring opening of epoxides. Lithium aluminum hydride can completely reduce a carbonyl group to this functional group. A mixture of one of these substances with 4% water forms a positive azeotrope. One of these substances, the most commonly used (*) bio-fuel, can be produced by fermentation of corn or yeast in bread. The isopropyl [“eye-so-pro-pull”] type of these substances is used in hand sanitizer. For 10 points, name this functional group characterized by a hydroxyl [“hy-drox-ill”] compound, the simplest one of which is methanol.**
ANSWER: **alcohols** [or **hydroxyl** before “these substances” is read] <Max Mader>/<ed. AR>

18. **An unnamed character in this novel who has a “mulberry-marked face” disappears following a forest fire. After one character is killed in this novel, his body is surrounded by glowing fish, while in another scene, Johnny and Percival have their sandcastles destroyed by Roger and Maurice. The discovery that the (*) beast in this novel is actually a dead parachutist is made by the innocent boy Simon. The conch is used to call votes in, for 10 points, what novel by William Golding, where Ralph and Jack struggle for power on a deserted island?**
ANSWER: **Lord of the Flies** <William Groger>/<ed. ME>

19. **One man looking for this item learns of its meaning during a stay with Trevrizent** [*“Trev-ree-zent”*]. **Titurel and Frimutel had bequeathed this item, called the lapsit exillis, to the wounded Anfortas, who is kept alive by this item. In another story about this item, it was brought to the island of Sarras by three knights, though only (*) Bors would end up returning home. Parsifal saw this item without knowing what it was, and while Lancelot searched in vain for this item, his son Galahad was able to see it. For 10 points, name this vessel from which Jesus Christ supposedly drank at the Last Supper.**

ANSWER: **Holy Grail** <David Dennis>/<ed. JO>

20. **A monument left by early inhabitants of this territory is a white chalk-filled figure cut into the hillside in the shape of a horse, which gives that figure its nickname of the “White Horse of Uffington.” Caligula’s planned invasion of this territory ended after he told his troops to attack the water and collect seashells. The Battle of Watling Street ended a revolt in this territory, which was led by the queen (*) Boudica. The slaughter of the Banduri women of Mona in this territory was described by Tacitus, and a revolt in this territory by the Iceni burned the town of Londinium. For 10 points, name this island, where Hadrian’s Wall was created to separate the Romans and Celts.**

ANSWER: **Britain** [or Roman **Britain**; or areas of the island, like **England**, **Wales**, and **Scotland**; do NOT prompt on or accept “Ireland” or the “United Kingdom” or “UK”] <David Dennis>/<ed. JO>

Bonuses

1. Due to the crystal structure of ice, this construct for water has a line with an atypical negative slope. For 10 points each:

[10] Name this graph that plots pressure against temperature to show the conditions under which a substance will be solid, liquid, or gas.

ANSWER: **phase diagram**

[10] These lines on a phase diagram represent regions that are the boundary between two physical phases. The slopes of these curves are given by the Clausius-Clapeyron relation.

ANSWER: **coexistence** curves

[10] This endpoint of one curve on a phase diagram is the point at which the substance is indistinguishable between liquid and gaseous states.

ANSWER: **critical** point <David Dennis>/<ed. AR>

2. The Casiquiare Canal connects this river to the Rio Negro, and it flows through Ciudad Bolivar. For 10 points each:

[10] Identify this river, that flows from the Guiana Highlands to its mouth in Venezuela.

ANSWER: **Orinoco** River [or Rio **Orinoco**]

[10] This estuary separating Argentina from Uruguay is fed by the Parana River. The Battle of Juncal took place in this body of water during a war that pitted its namesake United Provinces against Brazil.

ANSWER: Rio **de la Plata** [or River **Plate**]

[10] A tributary of the Aripuanã River in Brazil is named for this president. This man's exploration of the river is chronicled in a book titled for its former name, the River of Doubt.

ANSWER: **Theodore Roosevelt** Jr. [prompt on **Roosevelt** River] <John John Groger>/<ed. DD>

3. Members of this man's gang killed six members of "Bugs" Moran's gang during the St. Valentine's Day Massacre. For 10 points each:

[10] Name this notorious gangster, nicknamed "Scarface," who spent time in Alcatraz after being convicted of tax evasion.

ANSWER: Al **Capone** [or Alphonse Gabriel **Capone**]

[10] Capone's gang carried out the St. Valentine's Day Massacre in this Midwestern city. This largest city in Illinois was devastated by a fire allegedly started by Mrs. O'Leary's cow.

ANSWER: **Chicago**, Illinois

[10] Capone received his whiskey from the Purple Gang, a group of gangsters based in this other Midwestern city. The raid on the Algiers Motel occurred during the 12th Street Riot in this city.

ANSWER: **Detroit**, Michigan <Cole Phinney>/<ed. JO>

4. Doctor Octopus temporarily overtook this character's body as his namesake "superior" form in a 31-issue series. For 10 points each:

[10] Name this superhero, whose mantle was taken up by Miles Morales in the Ultimate Marvel universe. In the MCU, this character is currently portrayed by Tom Holland.

ANSWER: **Spider-Man** [or **Peter** Parker; or Peter **Parker**]

[10] This character is blamed for the death of Earth-65's Peter Parker, who becomes the Lizard. The Green Goblin threw this first girlfriend of Peter Parker off of a bridge, causing her death.

ANSWER: **Gwen** Stacy [or Gwen **Stacy**; or **Gwendolyn** Maxine Stacy; or Spider-**Gwen**; prompt on **Spider-Woman**]

[10] In *Ultimate Spider-Man*, Gwen was killed by this villain. The serial killer Cletus Kasady first became this supervillain in 1991.

ANSWER: **Carnage** <Sophia Johnson>/<ed. SP>/<ed. JO>

5. Answer these questions about European epic poems. For 10 points each.

[10] El Cid, a hero from this modern-day country, is exiled from Castile and eventually becomes a hero. El Cid later rules Valencia, a city in this modern-day country.

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

[10] This medieval French poem sees its title hero fight with Charlemagne's army at the Battle of Roncevaux [*"Ron-say-voh"*] Pass.

ANSWER: *The* **Song of Roland** [or *La* **Chanson de Roland**]

[10] This national epic of Portugal celebrates Vasco da Gama's discovery of a sea route to India.

ANSWER: *The* **Lusiads** [or *Os* **Lusiadas**] <Carrie Derner>/<ed. ME>

6. This king sought out Utnapishtim [*"Oot-nah-pish-tim"*], a survivor of the Flood, in order to gain the secret to immortality. For 10 points each:

[10] Name this mythical Sumerian King of Uruk, who refused Ishtar's love. This king was two-thirds God and one-third man.

ANSWER: **Gilgamesh**

[10] This wild man wrestled Gilgamesh and became Gilgamesh's friend. This man was made from clay and helped Gilgamesh slay the Bull of Heaven.

ANSWER: **Enkidu**

[10] Gilgamesh and Enkidu fought and killed this giant, who was the guardian of the Cedar Forest. The decapitation of this giant led to the rage of Enlil.

ANSWER: **Humbaba** <Cole Phinney>/<ed. JO>

7. In order to remove stubborn lug nuts, a wrench that multiplies this quantity via an epicyclic mechanism of “sun” and “planetary” gears may be needed. For 10 points each:

[10] Name this quantity, the cross product of an applied force and the lever arm. It is the time derivative of angular momentum.

ANSWER: **torque**

[10] This periodic change in the axis of a rotating body comes in torque-induced and torque-free types. The wobbling of a top can be explained by this behavior.

ANSWER: **precession**

[10] These devices, which consist of a spinning mass on an axle mounted on a series of gimbals, experience precession when torque is applied, making them useful for stabilizers and compasses.

ANSWER: **Gyroscopes** <David Dennis>/<ed. HB>

8. This author wrote about an eight-year-old girl, who stubbornly counts her deceased siblings as still being part of her family, in “We Are Seven.” For 10 points each.

[10] Name this British poet, who wrote about a girl who “dwelt among the untrodden ways” in his “Lucy” poems.

ANSWER: William **Wordsworth**

[10] This Wordsworth’s poem begins “Five years have passed” since the speaker visited the title location, a monastery on the River Wye.

ANSWER: “**Tintern Abbey**” [or “Lines Composed a Few Miles Above **Tintern Abbey**, On Revisiting the Banks of the Wye during a Tour. July 13, 1778.”]

[10] In another Wordsworth poem, the speaker “wanders lonely as a cloud” before seeing “ten thousand” of *these* bright yellow flowers “tossing their heads in sprightly dance.”

ANSWER: **Daffodils** <Tyler Benedict>/<ed. ME>

9. This emperor was a patron of architecture, as exemplified by buildings such as the Red Fort. For 10 points each:

[10] Name this Mughal Emperor, whose forces were unable to recapture Kandahar during the second Mughal-Safavid War. He attempted to ally with Murad IV.

ANSWER: **Shah Jahan**

[10] Shah Jahan is best known for commissioning this white marble mausoleum in Agra. This building, which is topped with an onion dome, houses the tombs of Shah Jahan and Mumtaz [*“Moom-tahz”*].

ANSWER: **Taj Mahal**

[10] Shah Jahan’s Mughal Empire was based in this modern-day country. The Red Fort is located in Delhi, which contains the capital of this country.

ANSWER: **India** [or **Bharat**; or **Bharat**avarsha; or Republic of **India**] <Cole Phinney>/<ed. JO>

10. *NOTE TO MODERATOR: Accept, but do not reveal, the alternate answer to the first part, as it will reveal the answer to the second part. Thanks!*

This symphony closely resembles "Le musical de la nature," by Rheinisch composer Justin Heinrich Knecht. For 10 points each:

[10] Name this symphony, the only one with five movements written by a certain composer. It's second movement features a 12/8 time "Scene by the Brook."

ANSWER: **Pastoral** Symphony [or **Beethoven** Symphony **#6**]

[10] This composer of the Pastoral Symphony wrote it at the same time as his 5th Symphony, and both pieces were premiered at the same concert. This composer wrote that in nature, the work's inspiration: "My bad hearing does not trouble me here."

ANSWER: Ludwig van **Beethoven**

[10] In the "Scene by the Brook" there is a section where woodwind instruments portray bird calls. The Cuckoo's two-note call is performed by this single-reeded instrument.

ANSWER: **Clarinet** <David Dennis>

11. This man is considered "The Father of History." For 10 points each:

[10] Name this Greek historian who wrote *The Histories*, which documents the Greco-Persian Wars.

ANSWER: **Herodotus**

[10] This Athenian historian is sometimes considered "The Father of Scientific History" due to his exclusion of divine intervention in his *History of the Peloponnesian War*.

ANSWER: **Thucydides**

[10] Herodotus claims in *The Histories* that the messenger Pheidippides [*"Fih-DIP-uh-deez"*] delivered the result of this battle after running back to Athens. This battle names a 26.2 mile race.

ANSWER: Battle of **Marathon** <Cole Phinney>/<ed. JO>

12. This building's dome contains the Whispering Gallery. For 10 points each:

[10] Name this cathedral on Ludgate Hill whose West Front is comprised of two towers made of Corinthian columns that rise above a main cornice.

ANSWER: **St. Paul's Cathedral**

[10] St. Paul's Cathedral was designed by this architect. This architect's other works include the Hampton Court Palace and the Royal Observatory at Greenwich.

ANSWER: Christopher **Wren**

[10] Many of Christopher Wren's projects were built after one of these events in London.

ANSWER: **Fire** [or the Great **Fire** of London] <Cole Phinney>/<ed. DD>

13. Texas Instruments released the "Cal-Tech" prototype of this device in 1967. For 10 points each:

[10] Name this handheld device that can perform many different mathematical functions. They come in "scientific" and "graphing" types.

ANSWER: electronic **calculator** [or scientific **calculator**; or graphing **calculator**]

[10] The electronic calculator displaced this mechanism that worked via the relationship between printed scales, such as the "C" scale on its moveable middle section.

ANSWER: **slide rule**

[10] This Scottish mathematician's "bones" were an early forerunner of the slide rule. This man is credited with discovering the logarithm function.

ANSWER: John **Napier** <David Dennis>/<ed. HB>

14. It's not just *Sesame Street* that makes bathtime so much fun! Answer the following about artists who depicted bathers. For 10 points each:

[10] This man's *Large Bathers* depicts leaning trees forming a triangular frame for the title nudes. His other works include depictions of *Mont Sainte-Victoire* and *The Card Players*.

ANSWER: Paul **Cézanne**

[10] In this artist's *The Turkish Bath*, a mandolin player strikes a pose identical to his *Valpinçon Bather*. He also used Orientalist images like a hookah and peacock fan in *La Grande Odalisque*.

ANSWER: Jean-Auguste-Dominique **Ingres**

[10] Both Cézanne and Ingres hail from this European country, where Georges Seurat depicted *Bathers at Asnières* taking a dip in the River Seine.

ANSWER: **France** [or **French Republic**; or La **République Française**] <Tyler Benedict>/<ed. CW>

15. In this poem, the title character is described as "richer than a king." For 10 points each.

[10] Name this poem, which ends with the title character killing himself by putting "a bullet through his head."

ANSWER: "**Richard Cory**"

[10] This author of "Richard Cory" wrote about the residents of Tilbury Town in his collection *Children of the Night*.

ANSWER: Edwin Arlington **Robinson**

[10] This poem by Robinson refers to the title character as a "child of scorn" and spends his days thinking of what might have been if he had only been born earlier.

ANSWER: "**Miniver Cheevy**" <ed. ME>

16. At this character's first introduction, it is revealed that gifts of a whip and fiddle were lost and broken respectively. For 10 points each.

[10] Name this orphaned gypsy, who falls in love with Catherine and attempts to win her over.

ANSWER: **Heathcliff**

[10] Heathcliff appears in this novel about Nelly Dean telling Mr. Lockwood the story of Catherine's marriage to Edgar Linton.

ANSWER: **Wuthering Heights**

[10] This British author wrote *Wuthering Heights*.

ANSWER: **Emily Bronte** [prompt on **Bronte**] <Carrie Derner>/<ed. ME>

17. Van Helmont relied on this theory for his recipe where crushed basil in a brick could produce scorpions. For 10 points each:

[10] Name this theory, also known as abiogenesis [*“ay-by-oh-jen-e-siss”*], which John Needham advocated for. It was supported by the notion that maggots can arise from rotting meat.

ANSWER: **spontaneous generation** [or **anomalous generation**]

[10] This French scientist’s experiment mostly settled the issue of spontaneous generation. This scientist sterilized broth in some swan-neck flasks.

ANSWER: Louis **Pasteur**

[10] Later in life, Pasteur developed vaccines against anthrax and this zoonotic disease, that has furious and paralytic types. This infection of the CNS is often transmitted by bite of a contaminated animal.

ANSWER: **rabies** <David Dennis>/<ed. AR>

18. Answer these questions about the philosophy of mind. For 10 points each:

[10] This school of thought claims that mind and matter are separate categories. It suffers from the problem of interaction, and it can come in “property” or “substance” forms.

ANSWER: **Dualism** [or substance **dualism**; or property **dualism**]

[10] This philosopher defended substance dualism in *Meditations on First Philosophy*. This philosopher also stated, “I think, therefore I am,” in his *Discourse on the Method*.

ANSWER: Rene **Descartes**

[10] One alternative to dualism and physicalism is this idea, which posits that all matter has consciousness qualities. David Chalmers proposed a similar theory in *The Conscious Mind*.

ANSWER: **Panpsychism** <Sophia Johnson>/<ed. HB>

19. The Guillaume [*“Ghee-YOAM”*] Affair forced the resignation of a chancellor of this country after it was revealed one of his aides was a spy. For 10 points each:

[10] Name this no-longer existing country, which reunited with its eastern neighbor in 1990. The Stasi infiltrated the office of Willy Brandt, a chancellor of this country.

ANSWER: **West Germany** [or **Federal Republic of Germany**; prompt on **Germany**; do NOT accept “East Germany” or “German Democratic Republic”]

[10] During the Cold War, this city in East Germany was divided by East and West, as well. A wall separating those parts of this city included the infamous Checkpoint Charlie.

ANSWER: **Berlin** [or East **Berlin**; or West **Berlin**; or the **Berlin** Wall]

[10] West Germany’s “economic miracle” was presided over by Economics Minister Ludwig Erhard and this member of the Christian Democrats, who was West Germany’s first Chancellor.

ANSWER: Konrad **Adenauer** [or Konrad Hermann Joseph **Adenauer**] <Jacob O’Rourke>

20. Answer these questions about Jewish holidays. For 10 points each:

[10] Purim is derived from the ninth chapter of this biblical book. In this book, its titular queen reveals Haman's plot to exterminate Jews in Persia.

ANSWER: Book of **Esther**

[10] The "four species" are waved during this seven-day holiday. This holiday, rooted in the Israelites' wandering in Exodus, requires participants to build temporary huts.

ANSWER: **Sukkot** [Accept "**Feast of Booths**" or "**Feast of Tabernacles**" or "**Feast of the Ingathering**"]

[10] A minor festival, Rosh Chodesh, occurs around every month to mark this periodic event. It is celebrated a day after this event is seen in the sky.

ANSWER: **new moon** [or word forms; prompt on moon] <Sophia Johnson>/<ed. AR>