

WHAQ (Washington High Academic Questionfest) III: Miami Vice
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Packet 10

Tossups

1. One character in this play tried writing a novel about a boy who accidentally killed his family, but his wife's father wouldn't let him publish it. In "Walpurgisnacht" ["Wall-pur-gis-nockt"], that character in this play insults "Mousie" after suggesting everyone play "Get the Guests" at his dinner party. In this play, the new biology professor (*) Nick is mistaken for a math professor and discovers his wife Honey's hysterical pregnancy. For 10 points, name this play that ends with George singing the title question, to which Martha responds "I am," written by Edward Albee ["Awl-bee"].
ANSWER: *Who's Afraid of Virginia Woolf?* <American Lit> <Aleija Rodriguez>/<ed. ME>

2. The Konparu school specialized in creating these items, which are purposely made to lack symmetry. The *shite* ["shee-tay"] adjusts these items in the mirror room. In Noh Theater, the tilting of these items can portray emotion. Greek examples of these items were made of stiffened and painted linen, and changing (*) between these items allowed actors to portray multiple characters. Pantalone wears a brown one of these items with a large hooked nose in *Commedia dell'arte*. For 10 points, name these items, two of which are commonly used to represent Comedy and Tragedy.
ANSWER: masks <Misc. FA> <Ganon Evans>/<ed. DD>

3. This constant results when applying the variational principle on the ground state of the hydrogen atom, as it is given by the Wallis product of fractions. The drag force on a spherical object is proportional to 6 times this constant, according to Stokes' law. The vacuum permeability is equal to four times this quantity times ten to the negative seven. Dividing (*) Planck's constant by two times this value gives its "reduced" form. The period of a pendulum is equal to twice this constant times the square root of L over g. For 10 points, name this constant, the ratio of a circle's circumference to its diameter.
ANSWER: pi <Other Science> <David Dennis>/<ed. AR>

4. **This country opposed FRETILIN [“*fray-till-in*”] during an event codenamed Operation Seroja [“*say-roh-jah*”]. That action by this nation was ordered by a leader who was advised by the Berkeley Mafia. The first leader of this nation predicted a coup by calling 1965 “the year of living dangerously” and presided over the system of “Guided Democracy.” That leader of this country was overthrown by a man whose anti-communist (*) New Order regime enforced its national ideology of Pancasila [“*pan-cah-see-lah*”]. This nation occupied East Timor until 2002. For 10 points, name this Asian nation led by Sukarno and Suharto from Jakarta, the most populous Muslim-majority country in the world.**

ANSWER: Republic of **Indonesia** [or Republik **Indonesia**] <World History> <John John Groger>/<ed. JO>

5. **At one point in this song’s music video, a hooded figure riding a white horse is meant to symbolize Death. One figure in the music video for this song stands on top of a red car wearing the bottom half of a Confederate uniform. The central figure in this song’s music video does the Gwara Gwara with five backup dancers in 1950s school uniforms. A man plays guitar with a (*) hood over his head in this music video before the central figure strikes a pose meant to evoke Jim Crow while shooting him. For 10 points, name this music video which criticizes gun culture in the United States, by Childish Gambino.**

ANSWER: ***This Is America*** <Trash> <Max Shatan>/<ed. SP>

6. **This organelle can contain suberin-heavy features that form a barrier to the apoplastic flux, known as Casparian strips. A cross-linking reaction in these structures is inhibited by the beta-lactam ring in an antibiotic. Desmotubules are often found in channels known as plasmodesmata that traverse these structures. The presence of (*) peptidoglycan in these structures is detected via Gram staining. Plants can have primary and secondary types of these structures, which often contain lignin. For 10 points, name these structures that surround the cell membrane, made of cellulose in plants.**

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

7. MODERATOR NOTE: Emphasize *this novel* in the first line to make it clear we are looking for the novel.

The protagonist of *this novel* beats up a bartender for not giving him change for a one hundred dollar bill, and he meets the thief Jack Duane during his first stint in prison for assaulting Phil Connor in revenge for raping his wife (*) Ona. Baby Antanas dies in this novel after falling into the sunken muddy streets, and this novel indirectly helped spark the passage of the Pure Food and Drug Act for its depiction of the Chicago meatpacking industry. For 10 points, name this muckraking novel about Lithuanian immigrant Jurgis Rudkus, written by Upton Sinclair.

ANSWER: ***The Jungle*** <American Lit> <William Groger>/<ed. ME>

8. Moderator note: Please emphasize the italicized word another in the first sentence.

After this feature begins in the Hexi Corridor, it crosses the Ordos Desert near *another* entity's Great Bend. During the Tumu Crisis, the Zhengton Emperor was captured on this feature by Wang Zhen [*wong zhen*]. Wu Sangui [*sang-wee*] defeated Li Zicheng at the Battle of Shanhai Pass, which took place where this feature meets the Bohai Sea, and it was divided into (*) Inner and Outer portions. The most recognizable section of this entity is Badaling, while its longest section stretches from Mount Hu to the Jiayu Pass. For 10 points, name this structure that was first built by Qin [*chin*] Shi Huang to stop the Xiongnu [*shee-ong nu*] from crossing the northern border of China.

ANSWER: Great Wall of China [or Wanli Changcheng] <Misc. History> <John John Groger>/<ed. JO>

9. Francis Poulenc's last completed work was a sonata for this wind instrument, whose first movement is subtitled "Allegro Tristamente." Heavy use of this instrument's chalumeau [*shall-oo-moh*] register characterizes the slow fourth variation in Carl Maria von Weber's Concertino for this instrument. A B-minor quintet for this instrument by Brahms was inspired by the playing of Richard Mühlfeld, and Mozart's Concerto in (*) A Major for this woodwind instrument was dedicated to Anton Stadler. For 10 points, name this single-reeded instrument, which plays a *glissando* to start Gershwin's *Rhapsody in Blue*.

ANSWER: Clarinet <Auditory FA> <David Dennis>

10. According to Rabbinical tradition, the central figure of this work is the widow's child that Elijah revived from the dead. This work, which alleges that residents of a certain city do not know their left from their right, is read on Yom Kippur. A worm kills a (*) gourd that had given shelter to the central figure of this work while that figure was waiting for God to destroy that city. This work's central figure boards a ship to Tarshish in an attempt to avoid going to Nineveh. For 10 points, name this Old Testament book whose title minor prophet is swallowed by a whale.

ANSWER: The Book of Jonah <Religion> <Brad McLain>/<ed. AR>

11. In one poem by this author, iambic pentameter is chopped on the word "Dull" in a description of "sublunary lovers' love" who "cannot admit Absence." A woman purples her nail "in blood of innocence" in a poem by this author after her blood mixes with the speaker's inside the title (*) insect. In another poem by this author of "The Flea," the speaker notes that "any man's death diminishes [him]" and how "no man is an island." "A Valediction: Forbidding Mourning," was written by, for 10 points, what metaphysical poet who wrote "For Whom the Bell Tolls?"

ANSWER: John Donne [*dun*] <British Lit> <Aleija Rodriguez>/<ed. ME>

12. This city is home to a mall called Neonopolis, which is located inside of a larger mall that contains a twelve story zipline. The Fremont Street Experience is located in this city, which is supplied by the the largest reservoir by capacity in the United States, courtesy of the Boulder Canyon Project. This city is served by (*) McCarran International Airport and is supplied water by Lake Mead, formed by the Hoover Dam. For 10 points, what city is the seat of Clark County and home to the Luxor, Mandalay Bay, and Caesars Palace Casinos along the Strip, the most populous city in Nevada?

ANSWER: Las Vegas <Geography> <Ganon Evans>/<ed BM>

13. A substance can undergo this type of reaction to move up or down between points on a Frost diagram. The Boudouard [*bow-DARD*] reaction is among one kind of these reactions in which one reactant forms two different products, known as disproportionation. A potential that describes this kind of reaction can be calculated with the (*) Nernst equation. H⁺ and OH⁻ ions can be added in order to balance half-reactions for these reactions' equations. For 10 points, name this type of reaction which involves a transfer of electrons between two species.

ANSWER: redox reactions [or reduction-oxidation reactions; or oxidation-reduction reactions; or disproportionation until read, or until it is read; prompt on reduction or oxidation specifically; prompt on electron transfer; prompt on disproportionation before it is read] <Chemistry> <David Dennis>/<ed. AR>

14. In Japanese mythology, Hoori married the daughter of the Shinto god of this domain. That god of this domain possesses two jewels which can control this area's movement. After raping Caenis [*kay-nis*], a god of this domain changed her into the warrior Caeneus [*kay-nee-us*]. Skadi marries another god of this domain because of his (*) feet. A third god of this location builds a bridge to Lanka after Rama fires arrows into this location. Along with Apollo, the Greek god of this location helped build the walls of Troy. For 10 points, name this location ruled over by gods such as Ryujin, Varuna, Njord and Poseidon.

ANSWER: seas [or oceans] <Mythology> <William Groger>/<ed. JO>

15. The idea that one of these events occurred during the twelfth century titles the most famous book by Harvard historian Charles Haskins. In his *History of France*, Jules Michelet was the first person to give this time period its name. The Swiss historian Jacob Burckhardt wrote two major books on the history of this time period. During this period, Leon Battista Alberti expressed the idea of a polymath, or its namesake (*) man. During this time period, the ideas of ancient Greek and Roman scholars were promoted by Humanists. For 10 points, name this period of "rebirth" of culture centered in Italy.

ANSWER: The Renaissance [or *The Renaissance of the Twelfth Century*; or the *Civilization of the Renaissance in Italy*; or *History of the Renaissance in Italy*; or Renaissance Man] <European History> <Ganon Evans>/<ed. JO>

16. Marc Chagall's painting *Birthday* depicts a distorted, floating man engaged in this action. A marble sculpture by Antonio Canova displays one god "reviving" another via this action. A sculpture titled for this action was originally adjacent to *Ugolino Devouring His Children*, but was judged too lighthearted for the surrounding (*) *Inferno*-inspired material by its artist. For 10 points, Auguste Rodin [*roh-dan*] sculpted lovers Francesca and Paolo engaging in what romantic action for his *The Gates of Hell*?

ANSWER: kissing [or equivalent, such as giving someone a kiss] <Visual FA> <Ganon Evans>/<ed. CW>

17. **The Gram-Schmidt process converts a set of vectors to a set of unit vectors that have this property. According to Thales' theorem, an inscribed triangle that spans a circle's diameter will possess two sides with this relationship. A triangle's circumcenter is the intersection of (*) bisectors that have this property with respect to each side. A triangle's altitude possesses this property with respect to its base. Two vectors with this property have a dot product of zero. If two lines have this property, then their slopes are opposite reciprocals. For 10 points, name this property of lines that meet at right angles.**
ANSWER: orthogonal [or perpendicular; or orthonormal] <Other Science> <David Dennis>/<ed. AR>

18. **This man sent Caleb Cushing to negotiate the Treaty of Wanghia. Two members of this man's cabinet were killed, while he escaped injury, when the *Peacemaker* gun exploded aboard the *USS Princeton*. This man served as Vice President under a man known as the "Log Cabin and Hard Cider" candidate. This president signed a bill to annex Texas shortly before the end of his term, and partially named a catchy slogan from the election of (*) 1840, which stated "Tippecanoe and [this man] too." This man was the first to serve as president without being elected. For 10 points, name this 10th President, who succeeded the short term of William Henry Harrison.**

ANSWER: John Tyler <American History> <David Dennis>/<ed. CW> /<ed. JO>

19. **It's not England, but in one play from this country, alternatively titled *The Honor of God*, Thomas Becket's ghost appears to King Henry II, telling him to pray for penance. One poetry collection from this country begins with a poem that evokes "Folly, error, avarice and sin," and ends by describing the (*) reader as "my likeness, my friend." One of the longest novels from this country contains the volume *Swann's Way* and is called *In Search of Lost Time*. For 10 points, name this country, home of authors like Jean Anouilh ["*ah-noo-ee*"], Marcel Proust, and Charles Baudelaire.**
ANSWER: France [or the French Republic] <European/World Lit> <Aleija Rodriguez>/<ed. ME>

20. **In one work, this thinker rejected the idea of the "unity of the intellect" by claiming that a certain thinker had misinterpreted an earlier thinker. In addition to that work subtitled *against the Averroists*, this thinker wrote an apologetics tract to defend Catholicism against Judaism and Islam. That work is (*) *Summa Contra Gentiles*. In his most famous work, this thinker explained the *quinque viae*, which included the arguments "from motion" and "from degree." For 10 points, name this Scholastic thinker, who outlined five proofs of the existence of God in his *Summa Theologica*.**
ANSWER: St. Thomas Aquinas [prompt on St. Thomas] <Philosophy> <Aleija Rodriguez>/<ed. BM>

Tiebreaker. **The Sharpless dihydroxylation achieves its stereoselectivity by using a quinine ligand with this property. Substances with this property can be produced in excess through asymmetric catalysis. The Cahn-Ingold-Prelog rules can classify molecules with this property as (*) *R* or *S*. Only materials with this property can exhibit optical rotation. Resolving agents separate molecules with this property into enantiomers. For 10 points, name this molecular property, in which a molecule cannot be superimposed on its mirror image, whose name is Greek for "handedness."**
ANSWER: chirality [prompt on enantiomerism before "enantiomers" are read] <Chemistry> <Max Mader>/<ed. AR>

Bonuses

1. These structures are formed from low-viscosity lava flows and tend to be low and flat. For 10 points each:

[10] Name these types of volcano. They include Mauna Loa and Kilauea [*“kil-la-WAY-uh”*].

ANSWER: **shield** volcanoes

[10] Lava flows from volcanoes form the extrusive kind of this type of rock. The intrusive kind of this rock is formed from magma.

ANSWER: **igneous** rock

[10] Shield volcanoes can erupt two kinds of lava: a’*a* [*“ah-ah”*] and this kind of lava, which is thin and flows more easily than the former.

ANSWER: **pahoehoe** [*“pa-hoy-hoy”*] <Other Science> <Ryan Hill>/<ed. AR>

2. This controversy centered around a violation of the three separate pieces of legislation aimed at preventing US involvement in Nicaragua. For 10 points each:

[10] Name this controversy that saw the US sell guns to a certain Middle Eastern country, and use the profits to fund a group of rebels fighting the Nicaraguan Sandinistas.

ANSWER: **Iran-Contra** affair [or **Iran-Contra** scandal; or **Irangate**]

[10] This man, who took the fall for the Iran-Contra affair, famously declared “I was authorized to do everything I did” when defending himself for violating the Boland Amendment.

ANSWER: Oliver **North** [or Ollie **North**]

[10] The Iran-Contra Affair occurred during this man’s presidency during the 1980s. Some of this man’s economic policies were dubbed “voodoo economics.”

ANSWER: Ronald Wilson **Reagan** <American History> <Aleija Rodriguez>/<ed. CW>

3. Piet Mondrian’s *Broadway Boogie Woogie* depicts this color along with yellow, red, and white. For 10 points each:

[10] Name this color. A Thomas Gainsborough painting titled for this color depicts Jonathan Butall [*“butt-all”*] holding a feather hat while wearing this color.

ANSWER: **blue** [or *The **Blue** Boy*]

[10] This rival of Gainsborough mocked his choice of color in *The Blue Boy* as unsalvageable. This artist was the first president of the Royal Academy of Arts.

ANSWER: Sir Joshua **Reynolds**

[10] This other Gainsborough painting depicts a newly married couple accompanied by their dog. The husband carries his rifle and leans against a tree while his wife relaxes on a bench in this painting, which combines portraiture with landscape.

ANSWER: **Mr. and Mrs. Andrews** <Visual FA> <Ganon Evans>/<ed. CW>

4. The author of this novel typed it out on one long scroll because he didn't like replacing the regular sheets of paper in his typewriter. For 10 points each:

[10] Name this Beat novel about Sal Paradise being dragged around the United States by the "Holy Goof" Dean Moriarty.

ANSWER: **On The Road**

[10] *On the Road* is a *roman-à-clef* by this American author.

ANSWER: Jack **Kerouac** [or Jean-Louis **K  rouac**; or Jean-Louis Lebris de **K  rouac**]

[10] In this novel by Jack Kerouac, Ray Smith searches for "Truth" with a capital T by attending parties, frequenting jazz clubs, and participating in Buddhist rituals.

ANSWER: *The **Dharma Bums*** <American Lit> <Aleija Rodriguez>/<ed. ME>

5. In one work, this thinker argued that the title things are "like an individual, a more or less consistent pattern of thought and action." For 10 points each:

[10] Name this thinker who argued that culture is "personality writ large" in *Patterns of Culture*.

ANSWER: Ruth **Benedict** [or Ruth Fulton **Benedict**]

[10] This other book by Ruth Benedict studied Japanese culture during World War II. It is titled for two symbols of the Emperor and contrasts "shame" and "guilt" cultures.

ANSWER: *The **Chrysanthemum and the Sword**: Patterns of Japanese Culture*

[10] Benedict was a practitioner of this academic discipline, the study of human behavior and society. Benedict studied at Columbia University under Franz Boas, who is considered the father of this discipline.

ANSWER: **anthropology** <Social Science> <Tyler Benedict>/<ed BM>

6. Name some things about the Kurukshetra War. For 10 points each:

[10] This archer was one of the military leaders of the Pandavas during the war. His charioteer convinced him to fight his cousins in the Bhagavad Gita.

ANSWER: **Arjuna**

[10] This Avatar of Vishnu was Arjuna's charioteer. In another story, he held up a mountain to protect a village from the wrath of Arjuna's father, Indra.

ANSWER: **Krishna**

[10] Vyasa, the author of the *Mahabharata*, was said to have relayed the verses to this elephant-headed god. This son of Parvati rides on a mouse is known as the remover of obstacles.

ANSWER: **Ganesh** <Mythology> <Brad McLain>

7. Charles Yanofsky first discovered attenuation in this biomolecule's namesake operon, which was the first repressible operon to be discovered. For 10 points each:

[10] Name this aromatic amino acid with an indole side chain and symbol *W*. This molecule is also a precursor to hormones such as serotonin and melatonin.

ANSWER: **tryptophan** [or **Trp**]

[10] The first operon to be discovered produces enzymes that break down this disaccharide. People who are intolerant to this sugar cannot drink milk.

ANSWER: **lactose**

[10] This molecule helps catabolite activator protein, or CAP, to bind to the *lac* operon, which activates transcription. This second messenger is synthesized from ATP by adenylate cyclase.

ANSWER: **cAMP** [or **cyclic AMP**] <Biology> <Ganon Evans>/<ed. AR>

8. An often-cited case in the formulation of this right concerned a 1998 auction listing in the Spanish newspaper *La Vanguardia*. For 10 points each:

[10] Name this right, now outlined in Article 17 of the GDPR. Mario Costeja González claimed that he had this right after a search of his name featured the auction listing 10 years later. *A description is acceptable.*

ANSWER: “right to **be forgotten**” [or **delinking**; or **deletion**; or answers that imply removal of **personal information** from **web searches** such as “**google**,” or **data protection**; or right to **privacy**]

[10] This organization's adoption of the GDPR led many companies to alter privacy policies, as the new regulations apply to all companies worldwide who hold personal data of this organization's residents

ANSWER: **European Union**

[10] A scandal involving this British political consulting firm's collection of user data via personality quizzes earned Facebook a 5 million Euro fine that would have been 1.4 billion Euro had the GDPR been in place.

ANSWER: **Cambridge Analytica** <Current Events> <David Dennis>

9. The speaker of this poem claims to be “sick o' wastin' leather on these gritty pavin'-stones.” For 10 points each:

[10] Name this poem in which the speaker asks to be shipped to the title place, “east of Suez,” “where the flyin'-fishes play.”

ANSWER: “**Mandalay**” [or the “**Road to Mandalay**”]

[10] This author of “Mandalay” also wrote the poem “If.” This author's story about Mowgli being raised by Baloo in *The Jungle Book* was adapted into a Disney film.

ANSWER: Rudyard **Kipling** [or Joseph Rudyard **Kipling**]

[10] In this Kipling poem, the speaker praises imperialism encouraging the reader to “take up” the title concept and “send forth the best ye breed.”

ANSWER: “The **White Man's Burden**” <British Lit> <William Groger>/<ed. ME>

10. Irrigation canals could be fed from this river by using a long counterweighted pole with a bucket called a *shadoof*. For 10 points each:

[10] Name this river, whose low levels allowed the Mahdists to kill “Chinese” Gordon at Khartoum. The seasonal flooding of this river facilitated Egypt’s agriculture.

ANSWER: **Nile River**

[10] In ancient Egypt, cultivation and farming of this plant was supervised. This plant’s fiber was woven into linen and its seeds were pressed for oil.

ANSWER: **flax** [or common **flax**; or **Linum usitatissimum**]

[10] Meanwhile, baskets and sandals were woven from this other plant, which is better known for providing the main writing material in Egypt.

ANSWER: **papyrus** [or Cyperus **papyrus**] <Misc. History> <David Dennis>/<ed. JO>

11. Intersections of vortices found in materials in this state are known as boojums. For 10 points each:

[10] Name this phenomenon, in which a liquid has zero viscosity. This phenomenon was originally discovered by Heike Onnes in liquid helium-3.

ANSWER: **superfluidity** [or word forms]

[10] Onnes discovered superfluidity by cooling helium as close as he could to this point, the lowest possible temperature a material can have.

ANSWER: **absolute zero** [or “**zero kelvin**”; or “**zero K**”; prompt on **zero**]

[10] Superfluid helium produces this 30-nanometer-thick film, allowing it to escape from a non-closed surface by seeming to climb its vessel’s walls. Waves traveling on this film are known as “third sound.”

ANSWER: **Rollin** film <Physics> <David Dennis>/<ed. AR>

12. The music video for this song stars Zoey Deutch and was directed by Jason Koenig, who directed the video for the artist’s earlier hit, “Shape of You.” For 10 points each:

[10] Name this song from the album *Divide*, whose chorus talks about how the singer is “dancing in the dark, with you between my arms.”

ANSWER: “**Perfect**”

[10] This British singer-songwriter included “Perfect” and “Shape of You” on his 2017 album *Divide*. His debut album, *Plus*, includes “Lego House” and “The A Team.”

ANSWER: Ed **Sheeran** [or Edward Christopher **Sheeran**]

[10] Sheeran incorporated part of Beoga’s tune “Minute 5” into the riff of this song from *Divide*, which is titled for a love interest who “played a fiddle in an Irish band and fell in love with an Englishman.”

ANSWER: “**Galway Girl**” <Trash> <Katlynn Miller>/<ed. SP>/<ed. JO>

13. This composer described one symphony as “a lengthy spiritual battle, crowned by victory” in the original concert program. For 10 points each:

[10] Name this composer who wrote his fifth symphony after a scathing review attacked his opera *Lady Macbeth of the Mtsensk District*.

ANSWER: Dmitri **Shostakovich**

[10] That *Pravda* review, “Muddle Instead of Music” appeared after Soviet officials, including this General Secretary and later Premier, attended the opera and walked out before the final act even began.

ANSWER: Joseph **Stalin** [or Iosif Vissarionovich **Stalin**; or Ioseb **Dzugashvili**]

[10] Much has been made of Shostakovich’s fifth symphony and its possible hidden meanings, including a slow march in the finale seen as a reference to a scene in this Mussorgsky opera, where Pimen exposes the truth to Grigory about a murder committed by the Tsar.

ANSWER: **Boris Godunov** <Auditory FA> <David Dennis>

14. Sonya pleads with the title character to relinquish a morphine vial he stole in this play. For 10 points each:

[10] Identify this play about Dr. Astrov and the title character, who attempt to woo Yelena, the wife of Serebryakov [“*Suh-REE -bree-KOV*”].

ANSWER: **Uncle Vanya** [or **Dyadya Vanya**]

[10] This play, by the author of *Uncle Vanya*, ends with the servant Firs trapped inside the house of the title estate that Madame Lyubov has sold.

ANSWER: *The* **Cherry Orchard** [or **Vishnevyyi sad**]

[10] This Russian playwright wrote both *Uncle Vanya* and *The Cherry Orchard*.

ANSWER: Anton **Chekhov** [or Anton Pavlovich **Chekhov**] <European/World Lit> <Aleija Rodriguez>/<ed. ME>

15. These troops were divided into battalions called *ortas*, which were then led by *çorbaci* [“*chor-ba-jee*”]. For 10 points each:

[10] Name this elite corps of rifle-wielding soldiers, which was established by Murad I. These troops were partially recruited by the *devshirme* [“*dev-shir-muh*”] system.

ANSWER: **Janissaries** [“*jan-ih-sair-ees*”] [or word forms, such as the **Janissary** Corps; or **Yeniceri**]

[10] The Janissary Corps were the elite troops of this Turkic empire, which was labelled the “sick man of Europe” near its end. This empire invaded Europe while led by Suleiman [“*soo-lay-mahn*”] the Magnificent.

ANSWER: **Ottoman** Empire [or Devlet-i Alliyeh-i **Osmaniye**; or The Exalted **Ottoman** State; or **Osmanli** imparatorlugu; or **Osmanli** Devleti]

[10] Sultan Mahmud II disbanded the Janissary Corps during this violent June 15, 1826 event. Mahmud II turned his newly trained artillery corps and set the Janissaries barracks ablaze during this event.

ANSWER: The **Auspicious Incident** [or **Auspicious Event**; or **Vaka-i Hayriye**; or **Fortunate Event**; or **Vaka-i Serriyye**; or **Unfortunate Incident**] <World History> <Ganon Evans>/<ed. JO>

16. This nation still retains its colonial holdings of Curaçao [*Coor-ah-sow*] and Aruba as “constituent countries.” For 10 points each:

[10] Name this European country, which experienced “tulip mania” during its “Golden Age.” This country secured its independence during the Eighty Years War.

ANSWER: The Kingdom of the **Netherlands** [or **Nederland**; or **Dutch** Republic; or **Dutch** Empire; or **Holland**]

[10] During the Eighty Years’ War, this Dutch stadtholder [*“shtaht-holder”*] was assassinated by Balthasar Gerard, becoming the first head of state to be killed by a handgun.

ANSWER: **William** the **Silent** [or **William I**, Prince of Orange, Count of Nassau; or **Willem I**; or **Willem** de **Zwijger**; prompt on **William** of Orange]

[10] The Dutch Rebels signed the Treaty of Nonsuch, which allied them with this English Queen. This “Virgin Queen” was targeted by Philip II’s Spanish Armada.

ANSWER: **Elizabeth I** [prompt on **Elizabeth**] <European History> <Tyler Benedict>/<ed. JO>

17. This country’s Caspian Sea port of Atyrau is within its European portion. For 10 points each:

[10] Name this country which contains Lake Balkhash as well as the cities of Aktobe and its capital, Astana. It is the largest landlocked country in the world.

ANSWER: Republic of **Kazakhstan** [or **Qazaqstan** Respyblikasy; or Respublika **Kazakhstan**]

[10] This city was the capital of Kazakhstan until 1997 when it was replaced by Astana. It is currently the largest city in Kazakhstan and is home to the tourist destination of Kok Tobe.

ANSWER: **Almaty** [or **Alma-Ata**; or **Verny**]

[10] Kazakhstan is also home to the Baikonur one of these places. The Kennedy one of these places operated by NASA was used to launch the Apollo 11 mission.

ANSWER: **space port** [or any answer indicating a **place** where **rockets** or spacecraft are **launched**; or **cosmodrome**; or **space center**; or **launch complex**; or similar answers] <Geography> <John John Groger>/<ed BM>

18. This religion’s liturgical language is Lucumí, and its spiritual leaders use parables called *pataki* in conjunction with divination rites. For 10 points each:

[10] Name this syncretic religion mainly practiced in Cuba and other parts of Latin America. Its practice of using animals such as chickens in its *ebó* rituals was challenged in the Supreme Court in 1993.

ANSWER: **Santería** [or **Regla de Ocha**; or La **Regla de Ifá**]

[10] Santería syncretizes Catholic saints with these intermediary spirits of the Yoruba religion. Examples of these figures include Elegua, Obatala, and Shango.

ANSWER: **orishas** [or **orichás**]

[10] This syncretic religion associated with Haiti and Louisiana venerates spirits called *loa*, such as Papa Legba. Dolls with pins in them are named for this religion but do not actually come from it.

ANSWER: **Voodoo** [or **Vodou**; or **Vodun**] <Religion> <Tyler Benedict>/<ed. AR>

19. J.R.R. Tolkien argued this poem's literary merit had been overshadowed by historical perspective in an influential essay subtitled "The Monsters and the Critics." For 10 points each:

[10] Name this poem about the title Geatish [*"gate-ish"*] hero, who slays Grendel and his mother.

ANSWER: **Beowulf**

[10] Unferth unrests Beowulf with his mention of this sort of contest that Beowulf lost to Breca, which Beowulf claims he only lost because he was too busy slaying monsters. Both men strangely underwent this competition in full armor.

ANSWER: **swimming** contest [or clear-knowledge equivalents of **swimming** competition]

[10] In battle, Beowulf remained undefeated until he met his end at the hands of this sort of creature. Before Beowulf dies of fatal wounds, Wiglaf manages to slay this sort of creature.

ANSWER: **dragon** [or **draca**; be generous and accept **wyrm** or **serpent**] <British Lit> <Tyler Benedict>/<ed. ME>

20. The endohedral type of these compounds, which contain atoms in their center, are denoted using at signs. For 10 points each:

[10] Name these allotropes that are made of 60 carbon atoms in a truncated icosahedral shape. Three of its discoverers were given the 1996 Nobel Prize in chemistry.

ANSWER: buckminster**fullerenes** [or **buckyballs**]

[10] This most common allotrope of carbon can be used as a moderator in nuclear reactors. This material, historically known as "black lead," is also found in pencils.

ANSWER: **graphite** [or **plumbago**]

[10] Another allotrope of carbon, the two-dimensional material graphene, was discovered by Geim and Novoselov by using this tool to peel off a layer from a piece of graphite.

ANSWER: adhesive **tape** [or Scotch **tape**] <Chemistry> <Ryan Hill>/<ed. AR>