

NAQTSM

National Academic Quiz Tournaments, LLC

2016-17 High School Championship Packet 1

Tossups

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- 1. Some people of this religion speak Juhuri, are called the “Mountain” sect, and live in Dagestan [dah-guh-STAHN] and Azerbaijan [ah-zer-bye-ZHAN]. Its *Merkabah* [mair-kah-BAH] narrative is explained by a scholar of this religion called the (*) Rambam, or Maimonides [mye-MAH-nih-deez]. Most of its North African and Spanish practitioners are Sephardic [suh-FAR-dik], while its German practitioners are Ashkenazic [ahsh-ken-AH-zik]. For 10 points—name this religion, the coming of whose messiah will be announced by Elijah.**

answer: Judaism (or the Jewish religion; accept Mountain Jews)

<381282>
- 2. This country's city of Valledupar [VYE-ay-doo-PAR] is the origin of the vallenato [vye-ay-NAH-toh] style of folk music. The letter 'C' in the CIVETS [SIH-vuts] bloc of emerging markets refers to this country. In 2002 the politician Ingrid Betancourt [EENG-greed bet-tahn-KOR] was kidnapped in this country by a (*) guerrilla group that signed a peace deal with president Juan Manuel Santos. For 10 points—name this South American country in which the Marxist group FARC [fark] operated.**

answer: Colombia (or Republic of Colombia or República de Colombia)

<403851>
- 3. Harold Burton hired this man to be safety director for the city of Cleveland, where this man was embarrassed by failure to apprehend the so-called “Torso Murderer.” This man, who chaired the Diebold [DEE-“bold”] Safe Company after World War II, was appointed in the 1920s to (*) enforce Treasury Department regulations against bootleggers in Chicago. For 10 points—name this leader of anti-Mafia agents called “The Untouchables.”**

answer: Eliot Ness

<385474>
- 4. Rho squared times this function of the polar angle is used to change an integral [IN-tuh-grul] from Cartesian [“car”-TEE-zhun] to spherical coordinates. This function's Taylor series begins “ x , minus x cubed over 3 factorial.” In Euler's [OY-lur'z] formula this function is multiplied by (*) i . This odd function gives 1 at pi over 2. For 10 points—in a right triangle, what trig function gives the ratio of the opposite side length to the hypotenuse [“hi-POT”-en-ooss] length?**

answer: sine (of x) (do not accept or prompt on “cosine”)

<428931>
- 5. A pair of songs by this band offers contrasting perspectives on a girl with “a face straight out of a magazine.” This band, whose single “A Change of Heart” references its earlier song “Robbers,” was formed near (*) Manchester, England. “Love Me” is the lead single from this band's chart-topping 2016 album, whose long title begins “I like it when you sleep.” “Chocolate” is a song by—for 10 points—what band named after a year?**

answer: The 1975 [The full title of the album is *I like it when you sleep, for you are so beautiful yet so unaware of it.*]

<406103>

6. **After this battle, Arruntius** [uh-ROON-tee-us] **convinced the winning commander to pardon Gaius Sosius** [SOH-see-us]. **Just before this battle, Quintus Dellius defected to the winning side, which had earlier captured Methone** [meh-THOH-nee] **and won the Battles of Leucas** [LOO-kuss] **and Patrae** ["PAT-ray"]. **The losing side of this (*) battle was blockaded near the Ambracian** [am-BRAY-shun] **Gulf by Agrippa's** ["uh-GRIP-uh's"] **forces. For 10 points—name this 31 BC naval battle in which Octavian beat Mark Antony and Cleopatra.**

answer: Battle of Actium [AK-tee-um]

<411128>

7. **Anomeric** ["AN-oh"-mer-ik] **effects were first observed in these compounds, whose chiral** [KYE-ru] **centers can be depicted in Haworth and Fischer projections. Benedict's reagent** [ree-"AGENT"] **tests for reducing examples of these compounds, which have cyclic** [SIK-lik] **and straight-chain conformations. By breaking up alpha one-to-four linkages, (*) amylase** ["AM"-ih-lays] **forms these compounds by hydrolysis** ["hi"-DRAH-luh-siss] **of starch. For 10 points—name these compounds such as fructose** [FROOK-tohss] **and glucose** [GLOO-kohss].

answer: (simple) sugars or carbohydrates or (mono)saccharides

<429358>

8. **John Callahan compiled this author's final novel, in which a senator nicknamed Bliss is hospitalized after a failed assassination attempt. In another novel by this author the narrator lives in a basement lit by 1,369 lights, befriends the youth leader (*) Brother Tod Clifton, and confronts Ras the Destroyer during riots in Harlem. For 10 points—name this author of *Juneteenth*** ["june"-teenth] **and *Invisible Man*.**

answer: Ralph (Waldo) Ellison

<428827>

9. **A politician from this country was sued in 2014 after asking his supporters if they wanted fewer Moroccans. This country was called a "Nazi remnant" for banning rallies in support of the 2017 Turkish referendum. In this country's 2017 elections, (*) Mark Rutte's** [RUH-tuh's] **VVD** ["V-V-D"] **party defeated the far-right PVV** ["P-V-V"] **party of Geert Wilders** [HAIRT VEEL-durz]. **For 10 points—name this country that houses the International Court of Justice in The Hague** [hayg].

answer: The Netherlands (or Kingdom of the Netherlands or Koninkrijk der Nederlanden; accept Holland)

<427380>

10. **This speech cautioned against mortgaging the "material assets of our grandchildren" and of a public policy that could become the "captive of a scientific-technological elite." It noted that the U.S. had no "armaments industry" prior to a recent "world conflict," before warning against the "unwarranted influence" of the (*) "military-industrial complex." For 10 points—name this speech delivered by an outgoing president in January 1961.**

answer: Dwight D(avid) Eisenhower's farewell address (accept reasonable answers that mention both underlined portions; accept military-industrial complex speech before "military"; prompt on "farewell address")

<424084>

11. **A poem by this man that discusses a firetruck "rumbling through the dark city" inspired his friend Charles DeMuth** [duh-MOOTH] **to paint *I Saw the Figure Five in Gold*. This man wrote an epic about a town on the (*) Passaic** [pess-SAY-ik] **River titled *Paterson*** ["patterson"]. **He apologized for eating "the plums / that were in / the icebox" in "This is Just to Say." For 10 points—name this poet who wrote that "so much depends upon" the title object in "The Red Wheelbarrow."**

answer: William Carlos Williams

<350300>

12. **A politician explained his opposition to this practice by using the word "*fiskmeti*," meaning "fishmeal." In 1962 Ontario's Sam Panopoulos** [pan-AH-puh-luss] **allegedly invented this practice at the Satellite Restaurant. A 2017 Twitter feud over this practice pitted Gordon Ramsay against Alton Brown. The (*) Icelandic president Guðni Jóhannesson** [GROOTH-nee YOH-hahn-sun] **expressed a desire to ban—for 10 points—what practice used to make a certain food "Hawaiian"?**

answer: putting pineapple on pizza (accept all reasonable answers that mention using pineapple as a pizza topping; accept descriptive answers such as pineapple pizza ban; accept answers that also mention "ham" after "Hawaiian"; prompt on partial answers that do not mention both pineapple and pizza, such as "topping a pizza"; prompt on "(making) Hawaiian pizza" before "Hawaiian")

<428727>

13. **This adjective describes young coastal regions shaped mostly by terrestrial influences. The number of grams of carbon bound into carbohydrates per unit area per unit time is a measure of this type of “productivity.” A reflecting telescope gathers light using this type of mirror, while autotrophs [AW-toh-trohfs] at the base of the (*) food chain are this type of “producer.” TVs use red, green, and blue as—for 10 points—what type of “colors”?**

answer: primary (accept primary coasts or primary productivity or primary mirror(s) or primary producer(s) or primary colors)

<427800>

14. **This U.S. state contains the endemic [en-DEM-ik] petroleum fly, whose larvae develop in crude oil. Unusual tufa [TOO-fuh] salt formations dot the surface of this state's Mono [MOH-noh] Lake. The chaparral [SHAP-ah-RAL] biome thrives in the Mediterranean climate of this state's coastline. A (*) drought contributed to the 2016 Soberanes [so-BRAH-ness] wildfire in its coastal Big Sur region. Sequoia [seh-KOY-ah] trees are native to—for 10 points—what U.S. state's Yosemite [yoh-SEH-mih-tee] National Park?**

answer: California

<415948>

15. **A character in this book curses some cows to turn into bears after he breaks his knife on a stone in a loaf of bread. This book's main character sings to force his rival into a bog, and kills a pike so he can use its jawbone to make an instrument called a *kantele* [KAN-teh-leh]. The magical (*) Sampo [SAHM-poh] is forged by Ilmarinen [il-MAH-ree-nen] in this book, whose hero is Väinämöinen [ˈVINE"-uh-MOY-nen]. Elias Lönnrot [ˈLEARN-rote'] compiled—for 10 points—what work of Finnish myth?**

answer: Kalevala [KAH-luh-VAH-luh]

<428731>

16. **The Hill sphere is between the first and second of these places. In a binary star system, matter must pass through the first one of them to move between the stars' Roche [rohsh] lobes. So-called “trojans” collect at two of these points that occur (*) 60 degrees before and after Jupiter along its orbit. Satellites often orbit at—for 10 points—what stable sites for a third body in a two-body system, named for a French mathematician?**

answer: Lagrange points [luh-GRAHNZH "points"] or Lagrangian points (accept L-points or libration points; accept Lagrange or Lagrangian or L- or libration points after “points”)

<426587>

17. **This composer's “Song of the Hindu Trader” was arranged as the hit “Song of India.” In one of his operas, Mizgir loves a woman who melts in Tsar Berendey's [ˈBARE"-en-day's] kingdom. For the collaborative opera *Mlada* [muh-LAH-duh], he wrote the “Procession of the Nobles.” In another of his operas Prince (*) Gvidon [guh-VEE-dahn] turns into an insect. For 10 points—name this composer of *The Snow Maiden* and *The Tale of Tsar Saltan* [sah-TAHN], which includes “The Flight of the Bumblebee.”**

answer: Nikolai (Andreyevich) Rimsky-Korsakov

<385284>

18. **This country gave “plastic keys to paradise” to members of its *Basij* [bah-SEEJ] militia before soldiers cleared minefields in massive human-wave attacks. Operation Eagle Claw failed to end a 444-day diplomatic crisis in this country that occurred after Mohammed (*) Reza Shah Pahlavi [rih-ZAH SHAH pal-uh-VEE] went to the U.S. for medical treatment. For 10 points—name this country where 66 Americans were held hostage in Tehran [tay-RAHN].**

answer: Iran [ih-RAHN] (or Islamic Republic of Iran or Jomhuri-ye Eslami-ye Iran)

<361671>

19. **This poem's speaker borrows from Chaucer [CHAW-sur] to describe himself as “full of high sentence” after he calls himself an “attendant lord.” The lament “I do not think they will sing to me” appears in this poem, which twice repeats the question “how should I (*) presume?” A six-line epigraph [EP-ih-"graph"] from Dante's [DAHN-tay'z] *Inferno* opens this poem. “Let us go then, you and I” is the first English line of—for 10 points—what poetic “love song” by T. S. Eliot?**

answer: The Love Song of J. Alfred Prufrock (prompt on “Prufrock”)

<428088>

20. **The Shannon index describes this quantity entropically** [en-"TROPIC"-uh-lee], **incorporating evenness** ["even"-ness] **and abundance.** The "alpha" type of this quantity is measured at one site, while the "beta" type measures differences between sites. It is high in "hotspots" such as Sundaland ["SUN-duh-land"] and most (*) rainforests, which conservation biologists try to preserve. For 10 points—give this term for the variety of different species in a given area.

answer: biodiversity (or biological diversity or species diversity; accept biodiversity hotspot(s); accept species evenness until "evenness")

<428983>

21. **This government was satirized in an edition of the newspaper *Le Vieux Cordelier*** [luh "view" kor-del-YAY], **leading to the execution of Camille Desmoulins** [kah-MEEL deh-moo-LAN]. **After passing the Law of Suspects, it increased its rate of arrests.** During the (*) Thermidorian [thur-muh-DOR-ee-un] Reaction, its Jacobin [zhak-oh-BAN] leaders Louis Antoine de Saint-Just [loo-EE an-TWAHN duh san ZHOOST] and Maximilien Robespierre ["max"-ee-meel-YAHN roh-bez-pee-"AIR"] were executed. For 10 points—name this committee that ruled France at the height of the Reign of Terror.

answer: Committee of Public Safety (or Comité de salut public; accept Committee of Public Safety of Comité de salut public after "committee"; prompt on "(French) First Republic" or "(National) Convention"; do not accept or prompt on "Directory")

<360419>

22. **One of these creatures was implanted with a bomb by the time-traveler Barry Waddle, who was actually a surgically-altered spy named Arne** [arn] **Darvin.** **These creatures, which provide "the only love that money can buy," are sold by Cyrano Jones on Deep** (*) **Space Station K7.** Because they are "born pregnant," they multiply quickly. Klingons dislike—for 10 points—what small furry creatures that cause "trouble" on an episode of *Star Trek*?

answer: tribbles (or Polygeminus grex; accept Trials and Tribble-ations or The Trouble with Tribbles)

<406924>

23. **Characters in this play listen to a song containing the lyrics "most friendship is feigning, most loving mere folly," which is performed by Amiens** [AM-yenz]. **A "soldier," a "justice," and a "mewling and puking" infant are said to be among the** (*) **"seven ages" of man in a monologue from this play.** Jaques [JAY-kweez] claims that "all the world's a stage" in—for 10 points—what Shakespearean comedy in which Rosalind flees to the Forest of Arden?

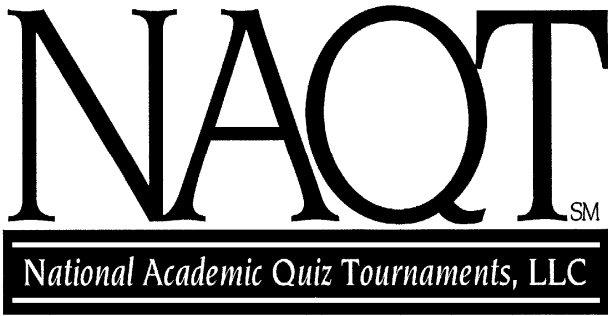
answer: As You Like It

<403872>

24. **In general, the phase portrait of a harmonic oscillator has this shape.** **A portion of this shape links two disparate trajectories in a Hohmann** [HOH-"man"] **transfer.** **In a type of motion with this general shape, the square of the period is proportional to the** (*) **cube of the semi-major axis.** Kepler's first law states that planetary orbits follow—for 10 points—what oval-like conic [KAH-nik] section?

answer: ellipse(s) (accept elliptical trajectory; prompt on "conic section(s)" before "links"; do not accept or prompt on "circle(s)" or "oval(s)")

<428867>



2016-17 High School Championship
Packet 1

Bonuses

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1. For 10 points each—name these women who helped implement the New Deal:
- A. This First Lady traveled extensively throughout the country to push the program.
answer: Eleanor Roosevelt (or Anna Eleanor Roosevelt; prompt on “Roosevelt”)
- B. This Secretary of Labor during the New Deal was the first woman appointed to the Cabinet.
answer: Frances Perkins (or Fannie Coralie Perkins)
- C. This founder of a school for African-American girls in Daytona, Florida was a member of Roosevelt's informal “Black Cabinet.” She was known as the “First Lady of the Struggle.”
answer: Mary McLeod Bethune (or Mary Jane McLeod)
- <404207>
2. Homer states that one of these creatures named Ocypete [oh-KIP-uh-tee] was the swiftest of her siblings. For 10 points each—
- A. Name these female monsters from Greek myth who had the bodies of birds and the heads of women. They were known for stealing food from their victims.
answer: Harpies [HAR-pee-z] (or Harpy or Harpyia)
- B. Calais [kuh-LAY-iss] and Zetes [zee-tee-z], two sons of Boreas [BOH-ree-uss], drove the Harpies away from this blind king of Thrace [thrayss].
answer: Phineus [FIH-nee-iss]
- C. The Harpy Podarge [poh-DAR-gay] mated with the west wind Zephyrus [ZEH-fih-riss] and thereby mothered Balios [BAY-lee-uss] and Xanthus [ZAN-thooss], two of these animals belonging to Achilles [uh-“KILL”-eez].
answer: horses (or stallions or Equus ferus caballus; prompt on “equine(s)”)
- <408112>
3. An “anvil cell” places a sample between two pieces of this material to subject it to pressure in excess of 100 gigapascals [GIG-uh-pass-kalz]. For 10 points each—
- A. Name this allotrope of carbon with extremely strong covalent bonds.
answer: diamond(s)
- B. The diamond lattice is also observed in the alpha form of this element, which comprises the majority, by mass, of the alloy pewter [PYOO-tur].
answer: tin (or Sn)
- C. The unit cell of a diamond lattice contains this many atoms. The highest observed oxidation state, which has been seen in ruthenium [roo-THEE-nee-um], is this number.
answer: eight (or positive eight or plus eight or eight plus)
- <429095>

4. Work on the Manhattan Project occurred all across the U.S. For 10 points each—
- A. The Trinity test, which exploded the first atomic bomb, took place in Alamogordo [al-uh-moh-GOR-doh] in this state. This state's most populous city is Albuquerque [AL-buh-KUR-kee].

answer: New Mexico

- B. The B reactor at the “Hanford Site,” on the shore of this river, produced plutonium for the project. The Grand Coulee [KOO-lee] Dam was built on this river.

answer: Columbia River

- C. Much of the uranium used by the Manhattan Project was enriched in this east Tennessee city. A national laboratory in this city arose from that work.

answer: Oak Ridge (accept Oak Ridge National Laboratory)

<427024>

5. Charles Darwin theorized that atolls form when a volcanic island surrounded by this type of coral reef completely subsides. For 10 points each—

- A. Name this type of coral reef located further from shore than a fringing reef.

answer: barrier reef(s)

- B. The “Great Blue Hole” is part of the barrier reef system of this Central American country that used to be called British Honduras.

answer: Belize (accept Belize Barrier Reef)

- C. To protect its reefs, in 2010 Belize banned this destructive method of fishing, in which a large net is dragged through the water.

answer: (bottom) trawling

<428896>

6. For 10 points each—answer the following about the opening battle in *Macbeth*:

- A. Malcolm, the son of this king of Scotland, avoids capture with the help of a “good and hardy” sergeant.

answer: King Duncan

- B. The sergeant relates the gruesome death of this traitorous lord, whom Macbeth “unseam'd from the nave to the chaps” in battle.

answer: Thane of Cawdor (or Macdonwald [“macdonald”]; accept either underlined portion)

- C. Macdonwald had conspired with Sweno, the king of this country, to overthrow Duncan. In *Hamlet*, Fortinbras [FORT-in-brahss] leads an army from this country.

answer: Norway (or Kingdom of Norway or Kongeriget Norge)

<403619>

7. In December 2015 the New Orleans city council voted 6 to 1 in favor of this process. For 10 points each—

- A. Describe this action, justified in part by the judgment that a depiction of Jefferson Davis and an obelisk [AH-buh-lisk] dedicated to the Battle of Liberty Place constituted “public nuisances.”

answer: removal of Confederate memorials or statues or monuments (accept any reasonable answer containing Confederate (States of America) and the ideas of taking memorials/states/monuments off of public display; accept Confederacy or CSA in place of Confederate; prompt on answers that refer to “(the) Civil War” or “(the) South” or “(the) Lost Cause” instead of the Confederacy)

- B. One of the removed statues depicted this Confederate general who commanded the assault on Fort Sumter.

answer: P. G. T. Beauregard [BOH-reh-gard] (or Pierre Gustave Toutant-Beauregard)

- C. This mayor of New Orleans stated that removing the statues sent a message of “diversity, inclusion and tolerance.”

answer: Mitch Landrieu [LAN-droo] (or Mitchell Joseph Landrieu)

<428985>

8. One of these events caused a blackout in Quebec [keh-BEK] in 1989. For 10 points each—

A. Name these disturbances that can drive large currents in the ionosphere ["eye-ON-oh-sphere"] and generate auroras at much lower latitudes than normal.

answer: geomagnetic storms (prompt on "(magnetic) storm(s)" or "(geo)magnetic (disturbances)")

B. Geomagnetic storms are often accompanied by the entry of charged particles into these two "radiation belts" surrounding the Earth. They are named for an American scientist.

answer: Van Allen radiation belts

C. Geodynamo ["geo-dynamo"] theory argues that the Earth's magnetic field is generated in this rotating layer of liquid metal.

answer: outer core (prompt on "core")

<416957>

9. For 10 points each—name these British naval innovations:

A. In response to a prize offered by the British government, John Harrison developed this marine timepiece in the 1700s. It allowed navigators to accurately track longitude for the first time.

answer: (marine) chronometer(s) [kroh-NAH-mih-tur]

B. In 1894 the Royal Navy launched the first ship propelled by these devices, which use steam to rotate within engines to generate energy.

answer: steam turbines

C. Steam turbines were used to power this revolutionary, all-big-gun battleship, whose 1906 launch by the Royal Navy sparked a naval race between European powers.

answer: HMS Dreadnought [DRED-nawt]

<402756>

10. For 10 points each—answer the following about paintings in which spheres are prominent:

A. The exterior panel of this triptych ["TRIP-tick"] by Hieronymus Bosch ["hi"-uh-RAHN-uh-muss "bosh"] depicts the Earth as a grisaille [grih-ZYE] sphere.

answer: The Garden of Earthly Delights (or Tuin der lusten)

B. This Dutch engraver is known for his optical illusions, such as *Hand with a Reflecting Sphere*.

answer: M. C. Escher [EH-shur] (or Maurits Cornelis Escher)

C. A painting by Salvador Dalí [dah-LEE] depicts his wife as this mythological woman composed entirely of spheres. This woman's "triumph" is the subject of Raphael's [rah-fye-EL'Z] only mythological painting.

answer: Galatea [gal-uh-TEE-uh] (accept Galatea of the Spheres or Galatea de las Esferas or The Triumph of Galatea or Trionfo di Galatea; do not accept or prompt on "Gala (Dalí)")

<399373>

11. Let p be a prime number greater than 3. For 10 points each—

A. Because it is not divisible by 2, p must have this property.

answer: oddness or odd number(s)

B. What *two* remainders are possible when p is divided by 6?

answer: 1 and 5 (accept answers in either order; do not accept or prompt on partial answers)

C. What theorem states that 3^p ["three to the p"] divided by p [pause] must have a remainder of 3?

answer: Fermat's ["fair"-MAH'Z] little theorem (prompt on "Fermat('s theorem)" or "little (theorem)"; prompt on "Euler's theorem" or "totient [TOH-shent] theorem"; do not accept or prompt on "Fermat's last theorem")

<418864>

12. For 10 points each—name these rulers who were involved in the First Partition of Poland:

A. The Russians helped this Polish king defeat a coalition of nobles, but he was powerless when Catherine the Great annexed one-eighth of his land.

answer: Stanislaw Poniatowski [STAHN-ih-slav POHN-yah-tohv-ski] (or Stanislaw II August; prompt on “Stanislaw”)

B. Under the partition, this king received land that became West Prussia. He conquered Silesia during the War of the Austrian Succession.

answer: Frederick the Great (or Frederick II of Prussia or Friedrich der Grosse or Friedrich II of Prussia; prompt on “Frederick” or “Friedrich”)

C. Despite this Austrian ruler's token protests against the partition, she gained Galicia.

answer: Maria Theresa (Walburga Amalia Christina) (or Maria Theresia; prompt on partial answers)

<365213>

13. Ernest Hemingway revised *A Farewell to Arms* while staying on this island. For 10 points each—

A. Name this Florida island that Harry Morgan says will soon become “a beauty spot for tourists” in Hemingway's novel *To Have and Have Not*.

answer: Key West (accept Cayo Hueso)

B. During a 1936 visit to the island, this author of “The Idea of Order at Key West” and “Anecdote of the Jar” broke his hand punching Hemingway.

answer: Wallace Stevens

C. When this poet committed suicide at the age of 32, he left unpublished a collection called *Key West: An Island Sheaf*.

answer: (Harold) Hart Crane

<349759>

14. This piece slowly quotes the opening of Beethoven's Fifth at the beginning of its second movement. For 10 points each—

A. Name this piano piece whose four movements are all named for literary figures such as “The Alcotts.”

answer: Concord [“CONK”-urd] Sonata (or Piano Sonata No. 2, “Concord, Mass., 1840-60” (accept any underlined portion))

B. This Connecticut-born composer wrote the *Concord* Sonata.

answer: Charles (Edward) Ives

C. “Putnam's Camp, Redding, Connecticut” is the second movement of this Ives orchestral work, which quotes the tunes “Battle Cry of Freedom” and “Yankee Doodle.” Ives later dubbed it his first “Orchestral Set.”

answer: Three Places in New England

<293670>

15. The human heart has an electrical conduction system. For 10 points each—

A. This group of cells in the back wall of the heart acts as the heart's primary pacemaker.

answer: sinoatrial node [“sign”-oh-AY-tree-ul “node”] (or SA node; accept sinuatrial node or sinus node)

B. These fibers innervate the ventricles. They are named for a Czech physiologist, and can conduct cardiac action potentials faster than any other structure in the heart.

answer: Purkinje fibers (accept Purkinje tissue or subendocardial branches)

C. This device, present in many public areas for easy access, can be used to restore normal cardiac rhythm.

answer: automated external defibrillator(s) (accept AED(s))

<366233>

16. A member of this political party was ejected from a session of Parliament after calling David Cameron “Dodgy Dave.” For 10 points each—

A. Jeremy Corbyn leads what British opposition party? Trade unions have traditionally supported it.

answer: Labour Party

B. In May 2016 this member of the Labour Party became the first Muslim mayor of London.

answer: Sadiq (Aman) Khan

C. Khan succeeded this Brexit supporter, who had been mayor since 2008.

answer: Boris Johnson (or Alexander Boris de Pfeffel Johnson)

<405546>

17. The U.S. military was reorganized after World War II. For 10 points each—

A. An amendment to the National Security Act of 1947 created this Cabinet department as a replacement for the Department of War.

answer: Department of Defense (or Defense Department; prompt on “DOD”)

B. This last Cabinet-level secretary of the navy became the first secretary of defense.

answer: James (Vincent) Forrester

C. The National Security Act of 1947 also established this group of leaders who advise the president on issues of national defense. The Goldwater-Nichols Act of 1986 modified its powers.

answer: Joint Chiefs of Staff (prompt on “JCS”)

<407606>

18. For 10 points each—answer the following about people named Eugene in European literature:

A. *Eugene Onegin* [ohn-YAY-ghin] is a verse novel by this Russian author.

answer: Aleksandr (Sergeyevich) Pushkin [POOSH-keen]

B. In this absurdist play by Eugène Ionesco [oo-ZHEN ee-oh-NESS-koh], the inhabitants of a French town turn into rampaging animals.

answer: Rhinoceros (or Rhinocéros)

C. Italian Nobel laureate Eugenio Montale [ay-oo-JAY-nee-oh mohn-TAH-lay] wrote a prose collection with this three-word Portuguese title. One of these religious events occurs in *Candide* [“can-DEED”] after the Lisbon earthquake.

answer: Auto-da-fé [“OW”-toh dah FAY] (accept autos-da-fé; do not accept or prompt on “act of faith”)

<382373>

19. For 10 points each—answer the following about the Statue of Liberty in popular culture:

A. The top of the Statue of Liberty arises from a sandy beach in the last scene of this 1968 science fiction film starring Charlton Heston.

answer: Planet of the Apes

B. The Statue of Liberty is possessed by a Weeping Angel in an episode of this BBC series.

answer: Doctor Who

C. In the climactic scene of this director's *Saboteur* [sab-oh-TOOR], a character hangs from the Statue of Liberty. There is a similar scene on Mount Rushmore in this director's *North by Northwest*.

answer: Alfred (Joseph) Hitchcock

<375273>

20. Ancient Egyptian art often featured snakes. For 10 points each—

A. The goddess Wadjet [WAHD-jet] was frequently symbolized by the *uraeus* [yoo-REE-uss], one of these “hooded” snakes.

answer: (Egyptian) cobras (or Naja haje; accept asps or aspis)

B. A funerary text from Tutankhamun's [too-TAHNG-kah-MOON'S] tomb contains the first known depiction of this alchemical symbol of a snake eating its own tail.

answer: ouroboros [oh-ROH-boh-rohs]

C. Tomb paintings often depict Ra's solar barge being attacked by this giant serpent-demon, who symbolized chaos.

answer: Apep [AY-pep] (or Apophis)

<428320>

21. Pencil and paper ready. A basketball tournament has 16 teams. For 10 points each—

A. If the teams play a single-elimination tournament, with as many teams playing at a time as possible, how many rounds will it take?

answer: 4 rounds [16 teams play in round 1, the remaining 8 teams play in round 2, the remaining 4 teams play in round 3, and the championship is round 4.]

B. If, instead, it is a *double*-elimination tournament, there are two possibilities for how many total games will be played. Give *either* possibility.

answer: 30 games or 31 games [Every team other than the champion will lose twice, so that is $(16 - 1) \times 2 = 15 \times 2 = 30$ losses, and thus 30 games; a 31st game will be played if the champion loses once.]

C. If, instead, the 16 teams play a round robin tournament—meaning each team plays every other team exactly once—how many total games will be played? You have 10 seconds.

answer: 120 games [Each of the 16 teams will play $16 - 1 = 15$ games, so $16 \times 15 = 240$, but this double-counts every game, so the correct total is $240/2 = 120$ games.]

<429048>

22. South Korea's late 20th-century economic boom was sometimes called the “Miracle on” this river. For 10 points each—

A. Name this river that runs through the capital of South Korea.

answer: Han River (or Hangang; accept Miracle on the Han River)

B. Name the capital of South Korea. It experienced mass industrialization following the Korean War.

answer: Seoul (or Seoul Special City or Seoul Teukbyeolsi)

C. The mouth of the Han River is near this South Korean port, the site of a decisive amphibious landing by the U.S. during the Korean War.

answer: Inchon (or Incheon)

<426957>

23. At the end of this novel, Arthur Donnithorne [DAH-nih-“thorn”] goes into the army to atone for seducing a young woman. For 10 points each—

A. Name this 1859 novel in which the title carpenter attends the trial of Hetty Sorel, who is convicted of murdering her illegitimate baby.

answer: Adam Bede [“bead”]

B. This author of *Adam Bede* depicted a miserly weaver's transformation in the novel *Silas Marner*.

answer: George Eliot (or Mary Ann Evans or Marian Evans or Mary Ann Cross; accept Marian Evans Lewes; prompt on “(Marian) Lewes”)

C. *Silas Marner* is subtitled “the weaver of” this village, which the novel describes as “important-looking.”

answer: Raveloe [RAV-uh-loh] (accept the weaver of Raveloe or Silas Marner: The Weaver of Raveloe)

<270466>

24. For 10 points each—name these groups of dog breeds designated by the American Kennel Club:

A. Lap dogs such as the pug and chihuahua [chee-HWAH-hwah] belong to this group of tiny companion breeds.

answer: Toy Group

B. Dogs in this group were originally bred to hunt rats and other vermin. The Airedale [“air-dale”] and the West Highlands White are in this group.

answer: Terrier Group (or Terriers; accept Airedale Terrier(s) or West Highlands White Terrier(s))

C. The splitting of categories over the years has resulted in this diverse current group that includes the Bichon Frise [bee-shawn free-ZAY] and Dalmatian. Its name indicates that its members are *not* generally used for hunting.

answer: Non-Sporting Group

<424618>