hsapq

1. **Dorothea and Sheila Ross used these things in a study criticized for only including affluent participants who could afford the Stanford nursery. A questionnaire asking which of these objects was "bad" or "nice" was used in a study conducted by Kenneth and Mamie Clark, whose results were cited in *Brown v Board of Education*. People yelled (*)** "sockaroo" when attacking them in a study of aggression conducted by Albert Bandura. For 10 points, name these toys used in gendered advertising as the female counterpart of action figures.
ANSWER: **doll**s

2. **In the *Iliad*, this deity is comforted by her mother, Dione (die-OH-nee), after being wounded by a mortal. This mother of Harmonia gave one of her lovers to Persephone (per-SEH-foe-nee) in a basket, after which Persephone refused to give him up. That lover was eventually killed by a boar and was named Adonis. This deity was born out of the (*)** foam created from Uranus's genitals in the sea. This goddess was caught in bed with her lover Ares by her husband, Hephaestus (huh-FESS-tis). For 10 points, name this Greek goddess of beauty and love.
ANSWER: **Aphrodite**

3. **One character in this work, called the Manager, is the nephew of the leader of the Eldorado Exploring Expedition. This work's protagonist drops a pair of bloody shoes overboard after his helmsman is killed by a spear. The line "Exterminate all the (*)** brutes!" is written in a report given to this novel's protagonist. In this novel, the Inner Station is commanded by a man whose last words are "The horror! The horror!" For 10 points, name this short novel about Marlow's trip to find Mr. Kurtz in Africa, a work by Joseph Conrad.
ANSWER: *Heart of Darkness*

4. **In one film by this director, the protagonist's image is multiplied as he walks between two mirrored walls after destroying his wife's bedroom. In that film by this director, the protagonist loses a gubernatorial election due to his affair with the singer Susan Alexander. RKO Pictures truncated and imposed a happy ending on his second film, *The (*) Magnificent Ambersons.*** His first film follows a newspaper magnate modeled on William Randolph Hearst whose last word is "rosebud." For 10 points, name this American director of *Citizen Kane*.
ANSWER: Orson **Welles**

5. **One type of this quantity is calculated as the negative dot product of the magnetic dipole moment and magnetic field. In a two-body system, this quantity is proportional to the product of the two masses divided by radius. For a spring, this quantity is equal to one half times the spring constant times displacement squared. The (*)** gravitational form of this quantity is equal to a constant times mass times height. For 10 points, name this type of energy arising from the configuration of a system which is contrasted with kinetic.
ANSWER: **potential energy** [prompt on **energy**]

6. **This monarch wrote the Nakaz, an instruction to a Legislative Commission making reforms. This ruler installed Stanislaw Poniatowski as the king of Poland, but then took part in all three partions of Poland with Frederick the Great and Maria Theresa. This ruler was advised by (*)** her lover Grigori Potemkin, and her rule was threatened by Pugachev's Rebellion. Originally married to Peter III, this ruler took power herself and became the patron of philosophers like Diderot. For 10 points, name this Enlightened Despot and empress of Russia.
ANSWER: **Catherine the Great** [or **Catherine II** of Russia; or **Yekaterina Alekseyevna**; or **Yekaterina II**; or **Sophie Frederike Auguste**; prompt on **Catherine**; prompt on **Yekaterina**]

7. **This author of addresses to an Atheist and a Deist described a "celestial choir" in a poem in which she writes about "Columbia's scenes of glorious toil." In addition to writing "To His Excellency General (*)** Washington," she proclaimed that it was mercy that "brought me from my pagan land" in a poem in which she wrote that Christ's saving grace is available to her race as well. For 10 points, name this colonial American poet of "On Being Brought from Africa to America."
ANSWER: Phillis **Wheatley**

8. **This man was advised by Hwan Jang-yeop when he devised his ideology of self-reliance known as Juche (CHU-chay). Jimmy Carter convinced this man to halt his country's nuclear program. In one war, this man's troops pushed to the Pusan Perimeter, and his country received military aid when UN troops neared the (*)** Yalu River. This man's forces crossed south over what is now the DMZ during that war. For 10 points, name this former Communist leader of North Korea who was succeeded by his son Kim Jong-Il.
ANSWER: **Kim Il-Sung** [or **Kim Song-Ju**; prompt on **Kim**]

9. **Saint Francis of Assisi kneels below a red flag displaying the papal arms in one painting by this man. Another of his works depicts heads in old age, middle age, and youth over a wolf, a lion, and a dog. This artist of the *Pesaro Madonna* and the *Allegory of Prudence* executed an equestrian portrait of (*)** Charles V at Muhlberg. A girl looks through a chest in one of his paintings, in which a brown and white dog lies at the feet of the title reclining figure. For 10 points, name this Venetian painter of *Venus of Urbino.*
ANSWER: **Titian** [or **Tiziano** Vecelli]

10. **This disease is associated with an increased risk for Hirschsprung's disease. People with this condition often have marks on their iris called Brushfield spots. Sufferers of it sometimes only have one crease across their palm. Its occurrence in (*)** newborns is correlated with higher maternal age, and symptoms of this disease include an abnormally small chin, short stature, and limitations in mental capacity. For 10 points, name this condition resulting from an extra chromosome 21.
ANSWER: **Down syndrome** [or **Down's syndrome**, or **trisomy 21** until its mention]

11. **This politician apologized after General Martin Dempsey objected to his phrase "smoke and mirrors" in talking about the Pentagon. This man retained his congressional seat in four straight elections against orthopedic surgeon Jeffrey C. Thomas. He drafted his plan,** *The (*) Path to Prosperity*, while serving as chair of the House Budget Committee. This man was continually laughed at by an aggressive Joe Biden in an October, 2012 debate. For 10 points, name this Wisconsin representative who was chosen in August 2012 to be Mitt Romney's running mate in the 2012 election.
ANSWER: Paul Davis **Ryan**

12. **This state contains a mostly man-made geyser surrounded by seemingly painted rock known as Fly Geyser. A national park in this state contains Lehman Caves and many bristlecone pines. This state contains Pyramid Lake and the Black Rock Desert. The majority of the Great (*)** Basin lies within this state, which includes a city nicknamed the "Biggest Little City in the World." Lake Tahoe lies on this state's border with California. For 10 points, name this "Silver State," whose cities include Carson City and Las Vegas.
ANSWER: **Nevada**

13. **In one section of this work, the journey of Mosiah to the land of Zarahemla is described; that section is told by Amaleki. One community in this work are called the Jaredites, while other groups discussed in this work include the warring Lamanites and (*)** Nephites, who both descended from the prophet Lehi. This book was crafted by a man named Moroni and were originally written on golden plates in reformed Egyptian. For 10 points, name this text translated by Joseph Smith, the central book of a religion now headquartered in Utah.
ANSWER: Book of **Mormon**: An Account Written by the Hand of Mormon Taken From the Plates of Nephi

14. **In this work, a messenger reports the death of Polybus. One character in this play leaves Corinth after being shocked by an oracle's message to him. A shepherd in this play describes finding a baby on Mount Cithaeron. At the beginning of this play, (*)** Creon reports that an oracle decreed that the murderer of Laius must leave the city before a plague can end. That murderer blinds himself and leaves upon discovering his incestuous affair with his mother, Jocasta. For 10 points, name this play by Sophocles about a king of Thebes.
ANSWER: *Oedipus Rex* [or *Oedipus the King*]

15. **The final movement of this work features a woman's chorus in an adjoining room with the door slowly being closed at its end. The composer of this work adapted one movement into the hymn "Thaxted"; that melody fit the metre of the poem "I vow to thee, my country." Its final movement is titled the (*)** "Mystic," while more famous movements have such names as the "Bringer of Old Age" and the "Bringer of War." For 10 points, name this orchestral suite by Gustav Holst about seven astrological entities.
ANSWER: *The **Planets*** [or **Holst's Opus 32**]

16. **A folding function maps this set of numbers onto one of its subsets. No set has a cardinality between these numbers and the real numbers according to the continuum hypothesis of Georg Cantor. This set of numbers defines all possible outputs of the (*)** floor and ceiling functions. This set of numbers is symbolized Z, and rational numbers can be expressed as a quotient of these numbers. For 10 points, name this set consisting of the whole numbers and their negatives.
ANSWER: **integer**s

17. **Before this battle, Odo the Great, the duke of Aquitaine, was routed at the Battles of Bordeaux and the River Garonne. A strong phalanx stopped a cavalry charge in this battle by the losing side, which was led by Abd Al-Rahman, the sultan of Morocco. After this battle, the winning commander received the nickname (*)** "the Hammer." For 10 points, name this 732 CE battle in which Charles Martel decisively stopped a Muslim invasion of Europe.
ANSWER: Battle of **Tours** [prompt on Battle of **Poitiers**]

18. **This quantity remains unchanged in the throttling process, as well as in an adiabatic process that is irreversible and does no work. This state variable's total for a given reaction is independent of the number of steps involved according to (*)** Hess's law. This quantity is equal to internal energy plus pressure times volume. Its change is negative for exothermic reactions. For 10 points, name this quantity whose change, in a system at constant pressure, is equal to the heat absorbed or released.
ANSWER: **enthalpy**

19. **This man received a presidential nomination after William Jennings Bryan supported him over "Champ" Clark. This man signed a law that created a board to set the discount rate. This onetime governor of New Jersey signed the Clayton Anti-Trust Act and the Federal Reserve Act. He defeated the (*)** Bull Moose Party in one election. The sinking of the *Lusitania* occurred during this man's presidency, which saw him formulate his Fourteen Points. For 10 points, name this President during World War I.
ANSWER: Thomas Woodrow **Wilson**

20. **This is the title of a poem that references "the site of this forgotten Babylon" and that was written in competition with the more famous poem of this name by Horace Smith for an issue of Leigh Hunt's *The Examiner*. This poem describes a "sneer of cold command" worn by a figure whose passions "stamped on these lifeless things." That figure was immortalized in a (*)** statue of which only two "trunkless legs of stone" remain in the middle of the desert. For 10 points, name this Percy Bysshe Shelley poem about a representation of an Egyptian pharaoh.
ANSWER: "**Ozymandias**"

21. **The overhead of these constructs can be reduced by using a technique known as unrolling. Continue is a common keyword used in the context of these constructs. Its pre-test type can be transformed to post-test by appropriately prefixing the keyword "do." If a condition always evaluates to (*)** true, the infinite type of these constructs is created. Common keywords for these constructs are for and while. For 10 points, identify these constructs that repeat a section of code.
ANSWER: **loop** [prompt on **control** flow statement]

22. **In this novel, Dorothea and Ferdinand are part of a love rectangle in which the madman Cardenio loves Lucinda. The second part of this novel criticizes Avellaneda's unauthorized sequel and includes scenes in Barataria, an island governed as promised by the title character's sidekick. The title character wields his family lance atop (*)** Rocinante, idealizes Dulcinea, and is told not to attack windmills by his companion Sancho Panza. For 10 points, name this Spanish book about a delusional knight-errant, by Miguel de Cervantes.
ANSWER: _**Don Quixote**_ [or _The Ingenious Gentleman **Don Quixote** of La Mancha_; or _El Ingenioso Hidalgo **Don Quijote** de la Mancha_]

23. **This man improved farming in Kazakhstan in the Virgin Lands Campaign. This leader came to power after a power struggle that led to the death of Lavrentiy Beria. This leader engaged in the "kitchen debate" with Richard Nixon. This leader began a series of reforms after denouncing his predecessor in the (*)** "Secret Speech." This man relented to United States demands in 1962 to end the Cuban Missile Crisis. For 10 points, name this Soviet premier who succeeded Joseph Stalin.
ANSWER: Nikita Sergeyevich **Khrushchev**

1. Name these autonomous communities of Spain, for 10 points each.
[10] Tenerife, Ferro, and La Palma are among the namesake components of this archipelago.
ANSWER: the **Canary Islands** [or Las **Islas Canarias**]
[10] Lleids, Tarragona, Girona, and Barcelona provinces make up this northeastern area, which speaks a namesake Romance language similar to Occitan.
ANSWER: **Catalonia** [or **Cataluña**; or **Catalunya**]
[10] This region is named for the city that it surrounds, which is home to the Prado and Reina Sofia art galleries and eclipsed Toledo in political importance at the end of the sixteenth century.
ANSWER: **Madrid**

019-12-69-01201

2. Answer the following about American composers, for 10 points each.
[10] While perhaps better known for his ballets like *Billy the Kid*, this man composed the *Lincoln Portrait* and the patriotic *Fanfare for the Common Man*, which appeared in his third symphony.
ANSWER: Aaron **Copland**
[10] More recent American composers such as Philip Glass and John Adams compose works in this genre, which typically features repetition, gradual transformation, and a steady, low-key beat.
ANSWER: **minimalism** [or **minimal** music]
[10] The avant-garde American composer John Cage is best known for this 1952 piece, in which the absence of sound is "heard" for the title length of time.
ANSWER: *4'33''* [or **four minutes, 33 seconds**]

052-12-69-01202

3. One of the intellectual fathers of this movement was Pierre-Joseph Proudhon. For 10 points each:
[10] Name this movement that agitates for stateless societies.
ANSWER: **anarchism** [or word forms]
[10] Anarchism is often combined with this movement, which exalts trade unions and works for the supremacy of workers in a society that lacks capitalism and the state.
ANSWER: **syndical**ism [or **anarcho-syndical**ism; or word forms]
[10] Even more modern branches of anarchism incorporate it with this movement, whose extreme factions include the Earth Liberation Front.
ANSWER: **environmental** movement [or **green** movement; or **eco** movement; or any and all word forms]

020-12-69-01203

4. This man was the first Russian ruler to take the title of tsar. For 10 points each.
[10] Name this tsar who waged the Livonian War and terrorized his own people using a force called the oprichniki.
ANSWER: **Ivan the Terrible** [or **Ivan IV** of Russia; or **Ivan Vasileyevich**; or **Ivan Grozny**; prompt on **Ivan**]
[10] Many of these Russian noblemen were persecuted by Ivan during his reign. They were forced to pay a tax to keep their beards during Peter the Great's rule.
ANSWER: **boyar**s
[10] The death of Ivan's son Feodor I started this unsettled period between the end of the Rurikid Dynasty and the start of Romanov rule.
ANSWER: **Time of Troubles** [or **Smutnoye Vremya**]

5. In this scientist's most famous endeavor, he inserted pus from a cowpox pustule into a boy's arm. For 10 points each:
[10] Name this developer of the first smallpox vaccine.
ANSWER: Edward **Jenner**
[10] The first vaccine for this virus was created by Louis Pasteur. One of its characteristic signs is foaming at the mouth.
ANSWER: **rabies**
[10] Pasteur created the rabies vaccine by growing the rabies virus in the spinal cord of these animals. The *Myxoma* virus was introduced to Australia in an attempt to control these animals.
ANSWER: **rabbit**s

6. This work is set at the country house of the aging actress Irina Arkadina. For 10 points each:
[10] Name this play, in which Nina stars in a play written by Konstantin, who shoots the title creature.
ANSWER: *The **Seagull*** [or ***Chayka***]
[10] This Russian playwright wrote *The Seagull,* along with *The Cherry Orchard* and *The Three Sisters.*
ANSWER: Anton **Chekhov** [or Anton Pavlovich **Chekhov**]
[10] Chekhov also wrote a short story titled after a lady with a small one of these animals. Bulgakov wrote about one of these animals called Sharik.
ANSWER: **dog**s

7. Einstein studied how these particles are emitted when they absorb energy from electromagnetic radiation. For 10 points each:
[10] Name these negatively charged elementary particles discovered by J.J. Thomson.
ANSWER: **electron**s
[10] Robert Millikan conducted this 1909 experiment to determine the charge of an electron.
ANSWER: **oil drop** experiment
[10] In this phenomenon, the deflection or slowing down of an electron produces electromagnetic radiation. It is responsible for the continuous spectrum of X-rays.
ANSWER: **bremsstrahlung** radiation

8. The title object of this poem is "glazed with rain water beside the white chickens." For 10 points each:
[10] Name this poem found in the collection *Spring and All.* It describes an object that "so much depends upon."
ANSWER: "The **Red Wheelbarrow**"
[10] "The Red Wheelbarrow" is the most famous poem by this man, whose works include an epic about a city in New Jersey, *Paterson.*
ANSWER: William Carlos **Williams**
[10] In this other short poem by Williams, the speaker states, "I have eaten the plums that were in the icebox" and asks, "forgive me they were delicious."
ANSWER: "**This Is Just to Say**"

9. One extremely valuable ancient dye of this color was extracted from the Murex sea snail by Phoenicians. For 10 points each:
[10] Name this color that appeared as a stripe in the togas of senior Roman officials. It later became the traditional color for Byzantine emperors and early medieval royalty.
ANSWER: **purple** [or **violet**]
[10] The Murex dye was made by this island city off the coast of modern-day Lebanon. Alexander the Great built a causeway to besiege this city.
ANSWER: **Tyre** [or **Tyrus**; or **Sur**]
[10] This Christian-persecuting emperor replaced his toga with a gold-hemmed purple robe, inspiring later royalty. His Tetrarchy split the empire between West and East.
ANSWER: Gaius Aurelius Valerius **Diocletian**us [or **Diocles**]

10. This classification was formerly an order, but it is now divided into Perissodactyla and Artiodactyla. For 10 points each:
[10] Cows, goats, horses, and rhinos are all what type of animal, characterized by being hooved?
ANSWER: **ungulates**
[10] One suborder of Artiodactyla is characterized by the ability to do this during normal digestive process. It consists of regurgitating food from the stomach and chewing on it before re-swallowing.
ANSWER: **rumination** [accept word forms]
[10] This ruminant species shares its namesake family with a closely related animal, Okapi. Members of this species have huge hearts to bring blood to their brains.
ANSWER: **giraffe**

11. Answer the following about a certain Biblical passage, for 10 points each.
[10] The twenty-third chapter of one book begins with the verse "the Lord is my shepherd." In that chapter, the speaker talks about walking through a valley of what grim concept?
ANSWER: the shadow of **death**
[10] That chapter appears in this biblical book which features songs and hymns, many composed by David, written to worship God.
ANSWER: **Psalms**
[10] The numbering of the psalms differs from translation to translation, including this 4th-century Latin translation mostly done by Saint Jerome, which became the definitive Latin translation within the Catholic Church.
ANSWER: **Vulgate**

12. This painter founded the Stone City Art Colony near his hometown in Iowa. For 10 points each:
[10] Name this regionalist painter who depicted a tale of George Washington in *Parson Weems' Fable*. His best known work used his dentist and his sister as models.
ANSWER: Grant **Wood**
[10] This is Wood's best known painting, which shows a farmer holding a pitchfork and standing by apparently his daughter.
ANSWER: *American Gothic*
[10] This satirical Wood painting shows three members of the title group holding teacups and standing in front of the famous image of George Washington crossing the Delaware.
ANSWER: *Daughters of Revolution*

052-12-69-01212

13. One minor character in this show is arrested for the shady dealings of his Cabbage Corporation, a reference to a running gag in this show's predecessor. For 10 points each:
[10] Name this Nickelodeon show set in and around Republic City, which takes place one hundred years after *Avatar: The Last Airbender.*
ANSWER: The *Legend of Korra*
[10] The primary villain of *The Legend of Korra* is this masked figure who leads the equalists and can rob people of their bending.
ANSWER: **Amon**
[10] Korra competes alongside Mako and Bolin on this pro-bending team, which is defeated by the cheating Wolfbats in the finals.
ANSWER: **Fire Ferret**s

020-12-69-01213

14. During this man's reign, the Oder swamps were drained, creating new farmland. For 10 points each:
[10] Name this ruler who greatly militarized his nation and built Sanssouci Palace in Potsdam near Berlin.
ANSWER: **Frederick II** of Prussia [or **Frederick the Great**; or **Friedrich der Grosse**; prompt on **Frederick**]
[10] Frederick the Great ruled this European kingdom whose aristocracy were the Junkers (YOON-kairs).
ANSWER: Kingdom of **Prussia**
[10] Frederick the Great stopped Joseph II of Austria from gaining any of this southeast German state after the death of a member of the Wittelsbach family caused a succession crisis in it.
ANSWER: **Bavaria** [or **Bayern**]

141-12-69-01214

15. Matrix multiplication lacks this property. For 10 points each:
[10] Identify this property which states that the order of multiplication doesn't matter, so a times b equals b times a.
ANSWER: **commutativity** [or **abelian**; or word forms]
[10] Binet's theorem states that this operation applied to two multiplied matrices yields this operation of each matrix added together.
ANSWER: **det**erminant
[10] When the adjoint of a matrix A is divided by the determinant of A, it gives a matrix with this relation to A. The additive one of these for x is negative x while the multiplicative one is one over x.
ANSWER: **inverse**

121-12-69-01215

16. One character in this novel, Mr. Carmichael, is a lawyer who takes a case "pro deo" or "for God." For 10 points each:
[10] Name this novel in which the black pastor Stephen Kumalo goes to a city to find his son Absalom, who is ultimately executed for the murder of the white activist Arthur Jarvis.
ANSWER: *Cry, the Beloved Country*
[10] *Cry, the Beloved Country* is by Alan Paton, an author from this country, who frequently explored issues of apartheid in his novels, including *Too Late the Phalarope*.
ANSWER: **South Africa**
[10] This sister of Stephen becomes a prostitute in the city. She ultimately runs off instead of returning to the village with Stephen, leading him to take care of her son.
ANSWER: **Gertrude** Kumalo [prompt on **Kumalo**]

17. For 10 points each, name some things related to naval warfare in the War of 1812.
[10] One justification for U.S. involvement in the war was this practice, in which sailors on enemy vessels were conscripted into the British Navy.
ANSWER: **impressment**
[10] The British government worked with Lloyd's of London to keep the price of this product low for trans-Atlantic commerce.
ANSWER: **insurance**
[10] Francis Scott Key witnessed the naval battle named for this fortification near Baltimore, inspiring him to write "The Star-Spangled Banner."
ANSWER: Fort **McHenry**

18. In one of this man's stories, Georg and Ulrich end their quarrel after becoming trapped under a log, but soon realize that wolves have arrived instead of assistance. For 10 points each:
[10] Name this British author who wrote such short stories as "The Interlopers" and "Sredni Vashtar." His real name is Hector Hugh Munro, but he is best known by his pen name.
ANSWER: **Saki**
[10] Saki was killed during this conflict, which was the subject of Wilfred Owen's poems, including "Anthem for Doomed Youth" and "Dulce et Decorum Est."
ANSWER: **World War I**
[10] This Saki short story ends with the sentence, "Romance at short notice was her specialty," referring to the fanciful tales told by a fifteen-year-old to people like the nervous Framton Nuttel, who thinks he sees ghosts at the end of this tale.
ANSWER: "The **Open Window**"

19. One important aspect of organic chemistry is determining which functional groups are present in a compound. For 10 points each:
[10] Carboxylic acids can be identified because they have a low value for this property. This measure of a solution's hydronium concentration is 7 for neutral compounds.
ANSWER: **pH**
[10] A common test for determining degree of hydrogen saturation for a compound is adding this liquid nonmetal, which turns from brown to colorless in the presence of alkenes and alkynes.
ANSWER: **bromine** [or **Br**]
[10] This lab technique uses radiation at wavelength longer than visible light. When a compound absorbs at a given frequency in this technique, it produces a characteristic peak to show which functional groups are present.
ANSWER: **infrared spec**troscopy [or **IR spec**troscopy]

20. This thinker compared his realization that the mind constructs reality, as well as receiving content from it, to a "Copernican Revolution." For 10 points each:
[10] Name this German Enlightenment philosopher. This author of the *Critique of Pure Reason* formulated a duty-based ethics in his *Critique of Practical Reason*.
ANSWER: Immanuel **Kant**
[10] Kant's ethics rests on this idea, according to which one should only act in ways that one would have as universal laws.
ANSWER: the **categorical imperative**
[10] In the *Critique of Pure Reason*, Kant distinguished analytic judgments from these types of judgments, which say something about a predicate that cannot be derived from its definition.
ANSWER: **synthetic** judgments

21. This work begins with the protagonist living in a cellar filled with thousands of light bulbs, and it ends with a race riot in Harlem. For 10 points each:
[10] Name this novel, whose unnamed narrator is expelled from college by Dr. Bledsoe and finds a job working with Todd Clifton and the Brotherhood.
ANSWER: *Invisible Man*
[10] *Invisible Man* is the best known work of this author, whose essays were collected in *Shadow and Act*.
ANSWER: Ralph **Ellison** [or Ralph Waldo **Ellison**]
[10] The protagonist of *Invisible Man* is expelled for allowing this white trustee of the college to meet the incestuous Jim Trueblood and taking him to the Golden Day tavern.
ANSWER: Mr. **Norton**