hsapq

1. **A member of this group, the Prince de Condé, narrowly escaped the death penalty for his role in this group's Conspiracy of Amboise. The Peace of Alés revoked the military power of this group, one of whose leaders was Gaspard de Coligny. Catherine de Medici ordered a mass killing of members of this group in the (*)** St. Bartholomew's Day Massacre. This group was granted a level of toleration by the Edict of Nantes. For 10 points, name this group of Protestants in France.
ANSWER: **Huguenot**s [accept **French Protestant**s before read]

2. **In one of this man's sculptures, a screaming lady pushes the face of a bearded man. Another sculpture by this man depicts a figure running away and turning into a laurel tree. In addition to *The Rape of Proserpina* and *Apollo and Daphne*, this artist depicted the power of the (*)** Ganges, Rio de la Plata, Danube, and Nile rivers in a fountain. Another of his works depicts an angel pointing a spear at a swooning nun. For 10 points, name this Italian Baroque sculptor of the *Fountain of the Four Rivers* and *The Ecstasy of St Theresa*.
ANSWER: Gian Lorenzo **Bernini**

3. **This author wrote a play which features a long third act about the Devil debating a libertine, a scene titled "Don Juan in Hell." In one of his works, the protagonist laughs at the idea of a woman marrying Freddy Eynsford-Hill and makes a bet with Colonel (*)** Pickering. Besides writing *Man and Superman,* this man wrote a non-musical play in which linguist Henry Higgins teaches Cockney flower girl Eliza Doolittle about being a lady. For 10 points, name this Irish playwright of *Pygmalion.*
ANSWER: George Bernard **Shaw**

4. **This economist described the difference between water and diamonds as value in use versus value in exchange in his paradox of value discussion in one work. In that same work, this economist explained how eighteen steps performed by ten people rather than (*)** one would be much more efficient in creating a pin. This economist believed that self-interested individuals were led by an invisible hand to benefit society. For 10 points, name this Scottish economist who wrote *The Wealth of Nations*.
ANSWER: Adam **Smith**

5. **In this nation, the Macdonnell Ranges lie to the south of the Tanami Desert. The Nullarbor Plain in the south of this country is bordered by this nation's namesake "Great Bight." The Gulf of Carpenteria indents the northern part of this nation, whose east coast is lined by the Great (*)** Dividing Range. This nation includes an island separated from the mainland by the Bass Strait, Tasmania. Brisbane and Melbourne are cities in, for 10 points, what country, whose largest city of Sydney is located far from the Outback?
ANSWER: Commonwealth of **Australia**

6. **This man created the concept of productive, practical, and theoretical sciences, and his philosophy of nature held that natural bodies consist of potential and substantial form, a concept called hylomorphism. In one work, this man described the purging of emotions through art, a concept known as (*)** catharsis. He founded a school called the Lyceum, and he served as tutor to Alexander the Great. For 10 points, name this philosopher who was taught by Plato, wrote *Poetics* and *Nicomachean Ethics*, and was the founder of formal logic.
ANSWER: **Aristotle**

7. **This location could be the home for the hypothetical super-Jupiter gas giant "Tyche." The inner part of this region is named for Hills and most likely contains 90377 Sedna. This location is believed to be the source of entities named for (*)** Hale-Bopp and Halley. For 10 points, name this spherical location in space thought to be the source of all long-period comets and which is named for a Dutch astronomer.
ANSWER: Opik-**Oort** cloud

8. **Fighting in this battle occurred at Miller Cornfield and Dunker Church, and so much fighting took place on a sunken road that it was nicknamed "Bloody Lane." Several days before this battle, one side found the battle plan Special Order 191 wrapped around three cigars. Although tactically a draw, this battle was treated by (*)** Abraham Lincoln as a Union victory, leading to the announcement of the Emancipation Proclamation. For 10 points, identify this 1862 battle that was the bloodiest single day in the Civil War.
ANSWER: Battle of **Antietam**

9. **In this novel, the protagonist attends the Ilium School of Optometry and marries Valencia Merble. The protagonist of this book breaks down when a barbershop quartet reminds him of an event he witnessed in 1945. That character is befriended by Eliot Rosewater, who introduces him to the novels of (*)** Kilgore Trout. That protagonist, Billy Pilgrim, is kidnapped by Tralfamadorians and becomes "unstuck in time." For 10 points, name this novel which includes a description of the firebombing of Dresden and is written by Kurt Vonnegut.
ANSWER: *Slaughterhouse-Five*

10. **This organelle shrinks during pyknosis, and their periphery can contain proteins called gems near coiled bodies. U1 and U6 are snRNPs ("snurps") that operate within this organelle, whose membrane maintains shape using intermediate filaments called lamins. Proteins are moved here through (*)** pores in its double membrane. A sub-organelle within it synthesizes ribosomes, and their presence defines eukaryotic cells. For 10 points, name this organelle which stores DNA in the cell.
ANSWER: cellular **nucleus** [or **nuclei**]

11. **General Kirponos and his entire Southwestern Front were annihilated during this military campaign. One phase of this campaign included the capture of Smolensk by Army Group Centre. This event occurred two days after a scientist opened Tamerlane's tomb. Guderian's capture of Kiev as well as the loss of millions of Soviet soldiers in fewer than six months occurred during this action. The siege of (*)** Lenningrad began during this campaign. For 10 points, what 1941 action opened an Eastern Front in World War II?
ANSWER: Operation **Barbarossa** [or equivalents such as **German invasion of Russia**]

12. **Gabriel Faure's composition of this type contains a solo boy soprano in its fourth movement. A "Libera me" concludes Verdi's work of this type. Berlioz's work of this type includes sixteen timpani and four brass bands. One of the most famous examples of this type of work was completed by Franz (*)** Sussmayer after its composer's death; that work was the last composition of Mozart. Often containing movements such as "Pie Jesu" and "Kyrie," for 10 points, name this type of mass, which is written for the dead.

ANSWER: **requiem** mass [prompt on **mass**]

13. **This man's visit to America inspired the collection *Poet in New York.* In one play by this man, an old woman desires to get married by the sea and it is claimed that Pepe el Romano departed at both one and four in the morning. At the end of another work by this man, Leonardo and the (*)** Groom kill each other. This playwright also depicted five sisters, including Martirio and Adela, imprisoned in eight years of mourning by their mother. For 10 points, name this Spanish playwright of *Blood Wedding* and *The House of Bernarda Alba.*

ANSWER: Federico Garcia **Lorca** [or Federico del Sagrado Corazón de Jesús García **Lorca**]

14. **In one of this man's stories, Cutie declares himself the prophet of a religion dedicated to his ship's energy source, terrifying Powell and Donovan. He wrote a story in which civilization threatens to collapse on a planet with six suns when the stars appear. This author of "Nightfall" also created (*)** Hari Seldon, the developer of "psychohistory," and R. Daneel Olivaw, who must obey the "Three Laws of Robotics." For 10 points, name this Grand Master of science fiction, the author of the *Foundation* series and *I, Robot*.

ANSWER: Isaac **Asimov**

15. **This figure is eventually rescued after he and a friend journey to the underworld and become stuck to rocks, with this man finally being saved by Heracles. He encountered a villain who stretched people in order to fit the size of a bed. This hero killed the bandits Sciron and Procrustes, but after he forgot to change his sail color, his father (*)** Aegeus committed suicide. In one adventure, Ariadne (ah-ree-ADD-nee) gave him a ball of thread, which allowed him to successfully navigate the Labyrinth. For 10 points, name this Greek hero who killed the Minotaur.

ANSWER: **Theseus**

16. **Systems that satisfy this property are homogenous and satisfy superposition. Solutions to a differential equation that have a Wronskian of zero are described by this type of independence. A branch of mathematics concerned with vector spaces and maps between them is this adjective's (*)** algebra. Elimination of variables is one way to solve systems of equations described by this adjective. For 10 points, give this term that describes equations of the form $y = mx + b$.

ANSWER: **linear**

17. **An agreement that this king made at Swinbeorg allowed him to gain inheritance of his father's lands. After an invasion at Chippenham, this leader fought Guthrum in the Battle of Ethandun. This ruler compiled a Doom book of laws and faced a Danish invasion of the neighboring kingdom of Mercia early in his life. His reign included the beginning of the recording of the (*)** *Anglo-Saxon Chronicle*. For 10 points, name this king of Wessex, the only English monarch called "the Great."

ANSWER: **Alfred** the Great

18. **One painting of this man shows him touching the diseased skin of a half-naked plague sufferer in Jaffa. Antoine-Jean Gros was employed by this man, who displays a crown in front of a sitting pope in Notre Dame in a portrait of his (*)** coronation. In another painting, this man sits atop a rearing horse, wearing a red cape and pointing toward a set of mountains. A portrait of him in his study shows him placing a hand in his blue and white waistcoat. Jacques-Louis David painted, for 10 points, what French emperor crossing the Alps?
ANSWER: **Napoleon** Bonaparte [or **Napoleon** I]

19. **In this play, one character was married to Allan Grey, who committed suicide after a homosexual affair. The protagonist is first seen arriving at an apartment at Elysian Fields Avenue. That character in this play starts a relationship with the poker-playing (*)** Mitch. It ends with the protagonist being taken to an asylum while saying she has always depended on the kindness of strangers. For 10 points, name this Tennessee Williams play about the brutish Stanley Kowalski, his wife Stella, and her sister, Blanche DuBois.
ANSWER: *A Streetcar Named Desire*

20. **Cauchy names a tensor of this quantity. The shear form of this quantity is directly proportional to viscosity for Newtonian fluids. The highest this quantity can be without permanently deforming a material is the (*)** elastic limit. Often represented with sigma, this quantity is the numerator in the definition of Young's modulus. For 10 points, identify this quantity that, according to Hooke's law, is directly proportional to strain.
ANSWER: **stress**

21. **Two forms of this condition are symptoms in Korsakoff's syndrome. One patient with this condition was studied by Scoville and Milner and was trained to trace a star in a mirror despite having his medial temporal (*)** lobe removed to treat his epilepsy. HM exhibited both major kinds of it, one of which occurs in people who drink too much alcohol and the other, which occurs following trauma. The anterograde and retrograde forms respectively impair formation and recollection. For 10 points, name this condition, the loss of memory.
ANSWER: **amnesia**

22. **This country underwent a 1944 conscription crisis and mostly its troops carried out the Dieppe Raid. This country was the primary site of the British Commonwealth Air Training Plan. Its Prime Minister during the Second World War was Mackenzie King. This country's troops landed between (*)** Gold and Sword Beaches on Juno Beach during D-Day, for which it provided the third most Allied forces. For 10 points, name this country that hosted an Allied conference in Quebec City.
ANSWER: **Canada**

23. **The protagonist of this work visits a bunker on the French coast with the artist Lankes, who he met while a member of Master Bebra's circus. Locations in this work include a Polish post office, which is stormed by the (*)** Nazis, and the Onion Cellar club. The main character of this novel can shatter glass with his voice, and is unsure whether Jan Bronski or Alfred Matzerath is his father. For 10 points, name this novel about the diminutive percussionist Oskar, a work by Günter Grass.
ANSWER: *The Tin Drum* [or *Die Blechtrommel*]
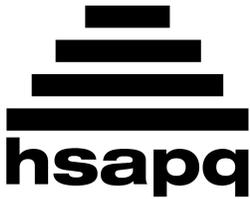
1. Name these members of the Biblical Jacob's family, for 10 points each.
[10] This son was responsible for the Israelites' move to Egypt, since he became the Pharaoh's chief advisor there after being sold into slavery by his brothers. He owned a coat of many colors.
ANSWER: **Joseph**
[10] This woman was the mother of Joseph and his brother, Benjamin. She became Jacob's second wife after he was tricked into marrying her sister, Leah.
ANSWER: **Rachel**
[10] Jacob worked for 14 years for this man, Rachel and Leah's father. This man was also the brother of Jacob's mother, Rebekah.
ANSWER: **Laban**

005-12-69-03201

2. The protagonist of this work is guided by Beatrice in its third part. For 10 points each:
[10] Name this epic poem by Dante, which is divided into the *Inferno, Purgatorio,* and *Paradiso.*
ANSWER: *The **Divine Comedy*** [or *La **Divina Commedia***]
[10] In the *Inferno,* this circle of Hell houses sinners guilty of fraud in ten *bolgie* that constitute the Malebolge. Dante encounter Muhammad and Ulysses in this circle.
ANSWER: the **Eighth** Circle
[10] Dante is transported to the Eighth Circle by this creature with the head of a man, the body of a dragon, and the paws of a lion.
ANSWER: **Geryon**

014-12-69-03202

3. This nation contains the islands that make up Zanzibar, and it also owns Pemba Island and Mafia Island. For 10 points each:
[10] Name this African nation, whose capital was moved from Dar es Salaam to Dodoma in 1996. Like its northern neighbor, Kenya, Swahili is an official language of this nation.
ANSWER: United Republic of **Tanzania**
[10] Tanzania's highest point is this volcano, whose peaks include Uhuru Point and Gillman's Point. Surrounding areas in its namesake national park include the Shira Plateau.
ANSWER: Mount **Kilimanjaro**
[10] This region, lying in both Tanzania and Kenya, is a plain that is home to plenty of wildlife. Wildebeest migrations occur here, and it includes the Maasai Mara National Reserve.
ANSWER: **Serengeti**

140-12-69-03203

4. Walter the Penniless led one group involved in this conflict. For 10 points each:
[10] Identify this conflict launched in 1096. It was the earliest of several attempts by Christians to regain control of the Holy Land, and was a successful campaign for the Europeans.
ANSWER: **First Crusade**
[10] The First Crusade was called for by this pope. He famously stated, "God wills it," in regards to the Crusade.
ANSWER: **Urban II** [or **Odo**n of Lagery; or **Eudes** de Lagny]
[10] The Fourth Crusade was far less successful, as it ended up sacking two Christian cities, Zara and this eastern capital.
ANSWER: **Constantinople** [or **Istanbul**]

5. One story in this myth system talks about people guided by a god, a "left-handed hummingbird," leading them to an island. For 10 points each:
[10] Name this myth system from Mesoamerica, whose adherents worshipped such gods as Quetzalcoatl (KET-zal-co-AH-tal).
ANSWER: **Aztec** [or **Nahuatl**]
[10] When arriving at the island, the early Aztecs saw this type of animal perched on a cactus, where it was devouring a snake. That prophecy convinced them to settle on Lake Texcoco.
ANSWER: **eagle** [prompt on **bird**]
[10] One Aztec god, Tezcatlipoca (TEZ-cat-lee-POE-kuh), is said to have his right foot replaced with this type of object made from obsidian, although sometimes the stories claim it to be a bone.
ANSWER: smoking **mirror**

6. Deryck Cooke completed this composer's tenth symphony, and this composer used Chinese poetry for *Das Lied von der Erde*. For 10 points each:
[10] Name this Austrian composer of nine symphonies, including one nicknamed "Tragic" and "Symphony of a Thousand."
ANSWER: Gustav **Mahler**
[10] This symphony by Mahler evolved from a tone poem titled *Todtenfeier*, and includes a movement where the Landler represents happiness while the Trios represent death.
ANSWER: Symphony No. **2** in C minor, "**Resurrection**" [accept either underlined portion]
[10] Mahler's fifth symphony begins with this type of work. Chopin's second piano sonata contains a piece of this type, which describes a certain procession following one's death.
ANSWER: **funeral march**

7. Baddeley and Hitch theorized that this system was divided into a "phonological loop" and a "visuo-spatial sketchpad." For 10 points each:
[10] Name this system in the brain responsible for the temporary storage, manipulation, and processing of relevant information for cognitive tasks like learning and reasoning.
ANSWER: **working memory** [prompt on partial answer; prompt on **short-term memory**]
[10] Information must enter the brain to be stored in memory through this loose group of physiological processes, such as taste, smell and touch.
ANSWER: the **senses** [or **sensory** processes; or **sensation**s]
[10] Unlike working and sensory memory, this type of memory has virtually unlimited capacity and can retain information indefinitely. During recall, information from here enters working memory.
ANSWER: **long-term** memory

8. In this poem, Ariel recognizes his powerlessness to defend a woman after seeing "an earthly lover lurking at her heart." For 10 points each:
[10] Name this mock epic written in heroic couplets in which the Baron symbolically violates Belinda by cutting her hair.
ANSWER: *The __Rape of the Lock__*
[10] *The Rape of the Lock* was written by this Augustan satirist whose other works include *The Dunciad.*
ANSWER: Alexander __Pope__
[10] This long philosophical poem by Pope coined such aphorisms as "A little learning is a dangerous thing" and "To err is human, to forgive divine."
ANSWER: *An __Essay on Criticism__*

9. A common scale for measuring it is named for Linus Pauling. For 10 points each:
[10] Name this property, which quantifies the ability of an atom in a compound to attract electrons to itself.
ANSWER: __electronegativity__
[10] On the Pauling scale, this element has the highest value for electronegativity, at 4.0.
ANSWER: __fluorine__ [or __F__]
[10] The most electronegative carbon atoms are those that possess this hybridization. It results when carbon atoms form triple bonds and have two regions of electron density.
ANSWER: __sp__

10. Hundreds were deported on the ship *Buford* as a result of this event. For 10 points each:
[10] Name this event in which Woodrow Wilson's attorney general arrested many left-wing activists.
ANSWER: __Palmer Raid__s
[10] The Palmer Raids occurred during the first of these strongly anti-Communist periods of American history. The second one included the McCarthy witch-hunts and the Rosenberg trial.
ANSWER: __Red Scare__s
[10] The Palmer Raids deported this anarchist back to Russia. With her lover Alexander Berkman, she edited the journal *Mother Earth*.
ANSWER: Emma __Goldman__

11. One song by this band repeats the lyrics "February stars/floating in the dark" several times after a crescendo. For 10 points each:
[10] Name this band that produced the single "Learn to Fly" and the album *The Colour and the Shape,* which contains their hit "Everlong."
ANSWER: __Foo Fighters__
[10] Foo Fighters frontman Dave Grohl was originally the drummer of this early 90s grunge band led by the troubled Kurt Cobain.
ANSWER: __Nirvana__
[10] This 2007 Foo Fighters song repeatedly asks "What if I say I'm not like the others?" and "Yeah, who are you?"
ANSWER: "The __Pretender__"

12. This character kills Young Siward in battle, and he can only be killed by a "man not of woman born." For 10 points each:
[10] Name this title character of a Shakespeare tragedy who murders King Duncan and is advised by three witches.
ANSWER: **Macbeth**
[10] Macbeth hires killers to murder this man and his son Fleance. His ghost visits Macbeth in Act III, and he first meets the witches with Macbeth.
ANSWER: **Banquo**
[10] This character's death inspires Macbeth's observation that "Life's but a walking shadow, a poor player that struts and frets his hour upon the stage and then is heard no more."
ANSWER: **Lady Macbeth**

186-12-69-03212

13. An object travelling faster than this quantity is said to have supersonic speed. For 10 points each:
[10] Identify this quantity equal to three hundred meters per second. The ThrustSSC once exceeded this quantity.
ANSWER: **speed of sound** [or **sound barrier**; prompt on BUT DO NOT MENTION **Mach 1**]
[10] This quantity is the ratio of the speed of an object to the speed of sound in the surrounding medium.
ANSWER: **Mach number**
[10] This Major General in the United States Air Force became the first pilot to break the sound barrier when he flew the Bell X-1 in 1947.
ANSWER: Charles Elwood "Chuck" **Yeager**

189-12-69-03213

14. This naval force was organized by Philip II. For 10 points each:
[10] Identify this fleet that was sent on a failed expedition to England in 1588 by Philip II. Its arrival inspired the Tilbury Speech.
ANSWER: **Spanish Armada** [or **Invincible Armada**; or **Armada Espanola**; or **Armada Invencible**]
[10] Charles Howard and this "sea dog" were instrumental in defeating the Spanish Armada. This man led an important raid on Cadiz, and was the first Englishman to circumnavigate the globe.
ANSWER: Francis **Drake**
[10] The Spanish Armada was broken up before it could reach England by stormy weather, which was given this name by the English.
ANSWER: **Protestant wind**

189-12-69-03214

15. This composer's first symphony was nicknamed "Beethoven's Tenth." For 10 points each:
[10] Identify this German romantic composer of the *Academic Festival Overture* and a famous *Lullaby*.
ANSWER: Johannes **Brahms**
[10] This non-liturgical orchestral work by Brahms takes its text from the Luther Bible, rather than traditional Latin. It opens with the unconventional optimistic text "Blessed are they who mourn, for they shall be comforted."
ANSWER: *A **German Requiem***
[10] Brahms used this composer's *Harpsichord Suite No. 1 in B-flat major* to compose a set of "variations and fugue on a theme by" this composer. Another suite by this composer contains the "Harmonious Blacksmith" movement.
ANSWER: *Variations and Fugue on a Theme by **Handel***

126-12-69-03215

16. This poem includes the instructions "Let the lamp affix its beam" and "Let be be finale of seem." For 10 points each:
[10] Name this poem which begins, "Call the roller of big cigars, the muscular one, and bid him whip in kitchen cups concupiscent curds."
ANSWER: "The **Emperor of Ice-Cream**"
[10] "The Emperor of Ice-Cream" was written by this modernist American poet whose other works include "Sunday Morning" and "The Pleasures of Merely Circulating."
ANSWER: Wallace **Stevens**
[10] This other Stevens poem begins by noting how "among twenty snowy mountains, the only moving thing was the eye" of the title creature, which is depicted sitting "in the cedar-limbs" in the final stanza.
ANSWER: "**Thirteen Ways of Looking at a Blackbird**"

17. The bristle model of this force models surfaces as springs. For 10 points each:
[10] Name this force that opposes an objects which movement along a surface. Lubricants decrease this force.
ANSWER: **friction**
[10] Lubricants reduce friction by altering this constant. It comes in static and kinetic types, depending on whether an object is moving or not.
ANSWER: **coefficient of friction** [prompt on **mu**]
[10] One frictionless state of matter consists of these particles which are deconfined from gluons. These subatomic particles are the basic building blocks of protons.
ANSWER: **quark**

18. The central figure in this painting was probably modeled on Anthony Van Dyck's rendering of Charles II as a child. For 10 points each:
[10] Name this portrait of Jonathan Buttall, who wears a certain color of clothing against a brown and yellow background.
ANSWER: *The **Blue Boy***
[10] *The Blue Boy* was painted by this 18th-century English portraitist and landscapist whose other works include *The Harvest Wagon.*
ANSWER: Thomas **Gainsborough**
[10] Gainsborough was rivals with this author of the didactic *Discourses on Art* who also painted *Sarah Siddons as the Tragic Muse.*
ANSWER: Joshua **Reynolds**

19. This event was diffused partially through the diplomatic efforts of Lester Pearson. For 10 points each:
[10] Name this 1956 crisis that was precipitated by Egypt's attempt to nationalize a certain waterway.
ANSWER: **Suez** Crisis [or **Suez** Canal Crisis]
[10] The Egyptian leader in power during the Suez Crisis was this president who was succeeded by Anwar Sadat.
ANSWER: Gamal Abdel **Nasser**
[10] This Egyptian nationalist group and pro-independence movement was led for a time by Nasser and was active until Farouq abdicated.
ANSWER: **Free Officers** Movement

20. This virus is named for a professor at the University of Bristol and a British virologist. For 10 points each:
[10] Name this virus, which will associated with forms of cancer, is best known as the cause of infectious mononucleosis or "mono."
ANSWER: **Epstein-Barr** virus [or **EBV**]
[10] Mono can result in hemolysis, the bursting of these cells, the principal means of delivering oxygen to the body tissues. They are also known as "erythrocytes."
ANSWER: **red blood** cells [or **RBCs**]
[10] The Epstein-Barr virus can affect people suffering from this cancer of the lymphatic system, a time of tumor named for a surgeon working in equatorial Africa. It is very common among children in Africa.
ANSWER: **Burkitt's** lymphoma

052-12-69-03220

21. This word describes a line that touches a circle or a curve at only one point. For 10 points each:
[10] Name this word, whose abbreviated form is also a trigonometric function defined opposite over the adjacent.
ANSWER: **tan**gent
[10] The derivative of the tangent function is this function squared.
ANSWER: **sec**ant
[10] This is the lowest positive value of theta in the function tangent of theta that will produce a vertical asymptote.
ANSWER: **pi/2** [or **90 degrees**; either acceptable]

020-12-69-03221