

Tossups

1. **One section of this speech states that only a few generations have been called upon to defend freedom in its time of “maximum danger”. This work cites Isaiah’s call to lift the heavy burdens off the oppressed. This speech calls for creating a “beachhead of cooperation” to push back the “jungle of suspicion”, and warns that what it suggests will not be done in 100 days, nor in 1000 days. John Kenneth Galbraith suggested the line beginning (\*) “let us never negotiate out of fear”, and this speech was largely written by Ted Sorensen. This speech was given at the same occasion that the poem *The Gift Outright* was recited by Robert Frost. For 10 points, name this speech which orders “ask not what your country can do for you – ask what you can do for your country”, delivered in 1961 after the speaker took the oath of office.**

ANSWER: **JFK’s inaugural** address [prompt on “1961 inaugural address” before “1961” is read]

2. **A term for this force is added to a term for inertial force in the Morison equation. The Sears-Haack body experiences a minimum of one form of this phenomenon, and in an oscillatory medium the ratio of these forces over inertia is encoded by the Keulegan-Carpenter number. This is equal to six pi times dynamic viscosity times radius times velocity for a small spherical object in a homogenous, (\*) laminar flow according to Stokes’ law. Another law states that this quantity is equal to one-half times mass density times v squared times cross-sectional area times a namesake coefficient; that law is often used to calculate the terminal velocity of a falling object. This force is the sum of skin friction and form effects, and is minimized for streamlined bodies. For 10 points, name this force that opposes thrust by pulling backwards on a flying object.**

ANSWER: **drag** [prompt on “friction”]

3. **While studying in Montreal, one prime minister of this country instigated the Sir George Williams Computer Riot, the largest student occupation in Canadian history. This country’s first prime minister returned to football after his resignation following a secret deal with US land developers. Another prime minister of this country, which was devastated by Hurricane David, staved off an attempt to restore the former Patrick John to power by a team of (\*) white supremacist mercenaries in Operation Red Dog, but is better known for supporting the US invasion of Grenada in her role as the “Iron Lady of the Caribbean.” This country, governed by Eugenia Charles, won its independence in 1979. For 10 points, name this Caribbean country in the Lesser Antilles, the last to be colonized by Europeans, known for its natural beauty that can be seen from cities such as its capital, Roseau.**

ANSWER: Commonwealth of **Dominica** [do not accept “Dominican Republic”]

4. **This author wrote about a group of men who bring out a dead camel and whip the animals that eat it after another character is given rusty scissors to fulfill the prophecy of ending the quarrel that divides the world in two. In another story by this author, the title character almost instantly travels a huge distance after a groom presents a team of horses and kisses the maid, (\*) Rosa. A girl’s parents marvel at her development and consider finding her a husband after taking a tram to the countryside and deciding to move into a smaller apartment in a story by this man who wrote of the Traveler avoiding the Condemned Man as he runs away from the Commandant’s harrow, and he wrote about a man who gets injured by a thrown apple and dies in his bedroom after turning into a horrible vermin. For 10 points, name this author of “In the Penal Colony” and *The Metamorphosis*.**

ANSWER: Franz **Kafka**

5. **This man’s company designed the Pearson Hall of Science for Beloit College, and Edler and Quayle designed the facades for this man’s Terminal Arcade building in Terre Haute. William Howard Taft hired**

**this man to redesign the city of Manila. This man had a long partnership with John Wellborn Root, with whom he designed a Masonic Temple Building. This man drew upon the (\*) City Beautiful movement as head designer of the “White City” model for the 1893 World Columbian Exposition. One building designed by this architect and Frederick DINKELBERG was originally named for George Fuller, and stands between Fifth Avenue, Broadway, and East 22<sup>nd</sup> street in NYC. For 10 points, name this architect, who designed the triangular Flatiron Building.**

ANSWER: Daniel Burnham

**6. Senoff and Alen created the first coordination complex with this compound as a ligand, in which it is coordinated to a ruthenium atom. Either Argon or this gas is pumped through a Schlenk line in a common air-free technique. The Wolff-Kishner reaction is driven by the formation of this compound in the final step. This compound is broken down by a (\*) molybdenum-iron complex containing protein using 16 ATP molecules. That reaction requires eight electrons, and is somewhat replicated by a method that uses 3 atoms of hydrogen gas and an iron-containing catalyst; that process is named for Haber and produces ammonia. For 10 points, name this compound that contains a triple bond between two atoms of element number 7.**

ANSWER: N<sub>2</sub> [or dinitrogen or nitrogen gas]

**7. This man’s sayings were compiled into the Ten Triads, which are each titled after aired doctrines like “Thrift in Utilization” and “Thrift in Funerals”. This philosopher advocated uniting all moral standards into a single objective standard in order to create harmony; that objective standard is called a model. This man’s students used his method of judging the world through cause, function, and historical basis to found the (\*) School of Names. This man developed an early form of consequentialism that emphasized the stability of the state over individual happiness, and this man’s work was corrected and compiled by Sun Yirang. This man’s philosophy was suppressed during the Qin dynasty and eventually superseded by Confucianism. For 10 points, name this Chinese philosopher during the Warring States Period who preached a doctrine of universal love.**

ANSWER: Mozi

**8. A 3/4-time section of this work begins with clarinets and flutes alternately playing groups of sixteenth notes over another theme that alternates between the trumpet and violin parts; that section features a prominent violin solo. The opening theme of this work is heard in alternate measures in the low voices while the winds play B major chords at the ending of the final section. This piece includes a 12/8 rhythm of forte notes for the timpani to separate three repetitions of a (\*) fanfare. This work includes sections like “Dance Song” and ends with the “Song of the Night Wanderer,” and its opening theme is played by the trumpets on the notes C, G, C, and is called the “Sunrise” theme. For 10 points, name this work by Richard Strauss who found inspiration in a text by Nietzsche.**

ANSWER: Also sprach Zarathustra [or Thus Spake Zarathustra; or Thus Spoke Zarathustra]

**9. At the end of one section of this play, a woman asks “Tell me where can I find” the title character, to which another character responds, “He is not yet created;” that section is interrupted by a voice slowly becoming intelligible crying, “Automobile, Automobile.” A woman in this play announces her pregnancy and impending marriage but only at the end does she reveal her partner to be the wealthy (\*) Hector Malone. A famous sequence in this play occurs after the chauffeur Enry Straker and his employer are imprisoned by the League of the Sierra under Mendoza; that third act features Roebuck Ramsden as a Statue and Mendoza as the Devil and is sometimes performed on its own as “Don Juan in Hell.” For 10 points, name this play about the pursuit by Ann Whitefield of John Tanner written by George Bernard Shaw.**

ANSWER: Man and Superman

10. One major publication in this field distinguishes between formal and informal constraints and shows how informal constraints have a large influence. McCloskey and Williamson founded a “society” devoted to this discipline. Conrad and Meyer published a manifesto for methods to be used in this field, and its name was coined by Stanley Reiter. Sokoloff and Engermann published an article in this field stating that institutional structures are less important than the (\*) distribution of factors. A famous work in this field stated that large plantations had the highest total factor productivity and argued that slavery was economically beneficial for blacks. For 10 points, identify this discipline whose proponents include Nobelist Douglass C. North and the author of *Time on the Cross*, Robert Fogel, the application of quantitative methods to economic history, named for the Muse of history.

ANSWER: cliometrics [or new economic history; prompt on partial answers, prompt on “history” or quantitative “history” or economic “history” or “historical economics”]

11. One failed group in this movement was called PHYSICIAN. Many units in this movement were set up by the BCRA. Instructions for this movement included lines such as “the long sobs of autumn violins” and “wounds my heart with monotonous languor.” The units in this movement eventually came to fall under the authority of the CNR and opposed the efforts of the (\*) *milice*. One code sent to these people was the first lines of Paul Verlaine’s “Song of August” which was done through a BBC radio program. This movement was aided by the British Special Operations Executive and did a lot of sabotage operations before the landings in Normandy. For 10 points, name this movement that resisted the German occupation of a country ruled by the puppet regime in Vichy.

ANSWER: French Resistance [or *La Résistance française*; do not prompt on “Free French”]

12. One poem by this author tells of “That motley drama-oh, be sure It shall not be forgot!” and goes on to say, “Out-out are the lights-out all! And, over each quivering form, The curtain, a funeral pall, Comes down;” that work by this author states, “That the play is the tragedy, “Man.” And its hero,” is the title figure. This author described “thy hyacinth hair, thy classic face, Thy naiad airs” as “the glory that was (\*) Greece, And the grandeur that was Rome” in one poem and also wrote of a time when “I was a child and she was a child” referring to a “maiden” who “lived with no other thought Than to love and be loved by me.” This author of “To Helen” wrote of a narrator lying down “In her sepulcher there by the sea.” For 10 points, name this poet of “The Conqueror Worm” who began another work “Once upon a midnight dreary” in “The Raven.”

ANSWER: Edgar Allen Poe

13. The characteristic “cry” of tin when it’s bent is caused by this phenomenon, and in isometric systems this phenomenon can generate the “iron cross” configuration. The Manebach and Carlsbad laws cover some instances of this process, which can occur through displacive polymorphism. Its polysynthetic form generates several parallel surfaces. Orthoclase feldspar often shows the (\*) penetration form of this phenomenon, while it’s not metamorphosis but the contact form of it has a single composition surface. The Brazil Law form of this phenomenon occurs in quartz upon a change in temperature and pressure. For 10 points, name this phenomenon in which two different crystals share lattice points.

ANSWER: twinning

14. Moses Clark White helped spread this sect to China, where it built the Church of the One True God, and it was set up in another country by the Christmas Conference. Albert Outler wrote an influential work on the founder of this movement Its founder adapted upon the Pietist practice of the “Love Feast”. The namesake of this sect argued that tradition, reason, experience, and scripture must guide reflection in his namesake (\*) quadrilateral. The American church of this sect formerly observed the second half the time between Pentecost and Advent as “kingdomtide”. This sect spread throughout the Americas due to the open-air preachings of George Whitfield in the First Great Awakening. This sect emphasizes the Arminian doctrine of free will against Calvinism.

For 10 points, name this sect of Christianity based on the teaching of John Wesley

ANSWER: Methodism

15. **This event was precipitated by one side making a night march past the opposing camp upon hearing of the ascension of Mettius Fufetius as dictator following the death of King Cluilius. The outcome of this event led to the population of the Caelian Hill and the establishment of the Julian Clan as nobles. The initial clash in this event led two men dead and (\*) three men wounded. The sole, healthy man then made a tactical retreat and picked off the three wounded pursuers one by one. The sole survivor of this event killed his sister on the way back for mourning for her betrothed, one of the slain enemies. Tullius Hostilius made an agreement that the winner of this event would gain control over the loser. For 10 points, name this duel between sets of triplets from Alba Longa and Rome.**

ANSWER: Duel of the Horatii and the Curiatii [or Duel of the Curiatii; prompt on “Alban War”; prompt on “Alba Longa’s war against Rome” and equivalents]

16. **This is used as a crosslinking agent to bind RNA-binding proteins to RNA in the CLIP assay. It’s not bleach or ethanol, but people using fume hoods for tissue culture usually apply this to the hood for one hour before use. 7-dehydrocholesterol is converted to cholecalciferol via this phenomenon. Cockayne syndrome is caused by a defect in a pathway responsible for removing the products of this phenomenon; that pathway is NER. This phenomenon is responsible for creating 6,4 products and thymine (\*) dimers, and people with xeroderma pigmentosum are sensitive to it. It is used to visualize gels that have been stained by ethidium bromide, and this phenomenon oxidizes melanin, thus darkening skin. For 10 points, name this type of electromagnetic radiation that has a wavelength between 10 and 400 nm.**

ANSWER: Ultraviolet light [prompt on “light” or “sunlight”]

17. **This author wrote a novel in which the potency of a certain drink, known as the “drink of three letters,” is described by the equation  $P=3T$ . A surprisingly positive note by one character at the end of that novel explains that a corrupt bureaucrat was gunned down in his car while waiting for his chauffeur-bodyguard to bring him rent. Only a donkey is killed when a plane crashes into the setting of one of this author’s novels, which ends with a man (\*) burning down a brothel after seeing another man patronize it. Another character created by him killed District Officer Robson but got betrayed by the protagonist, which led to his hanging. This author wrote about Wanjia who is idolized by Munira in one novel and told of the betrayal of Kihika by Mugo in another. For 10 points, name this author of *Petals of Blood* and *A Grain of Wheat*, both of which are set in his native Kenya.**

ANSWER: Ngugi wa Thiong’o

18. **One country got one of these objects at a 1998 auction won by the Chong Lot Travel Agency. Designs for these objects include STOVL, STOBAR, and CATOBAR types. The first one of these objects created by India is called the *Vikrant*. One example of this object was called *Varyag* but was renamed *Liaoning*. The United Kingdom is building a *Queen Elizabeth* (\*) class of these objects, and it cannot currently use its *Illustrious* since all its Superharriers were decommissioned. Russia’s only one of these objects is the *Kuznetsov* and France’s is the nuclear-powered *Charles de Gaulle*. The country with the highest active count of these objects is the United States, which has ten *Nimitz*-class examples of this object, most of which are named for presidents. For 10 points, name these naval warships on which planes can land.**

ANSWER: aircraft carrier [or bloody bird farms; do not accept “helicopter carrier” or “amphibious assault ship”]

19. **The second Roman war with these people was against a former client king that they had installed after winning a war that started over the death of the envoy Coruncanius; that former client king was Demetrius of Pharos. Augustus sent Tiberius to suppress the Great Revolt of these people. The third Roman war with these people ended with Lucius Anicius Gallus capturing their king, Gentius, who had been abandoned by**

**his ally (\*)** Perseus V of Macedon. During the Crisis of the Third Century, a namesake group of barracks emperors such as Claudius II and Aurelian were from here. The first Roman War with these people started when these people were ruled by Queen Teuta. For 10 points, name this tribe that lived in a namesake region on the eastern shore of the Adriatic Sea.

ANSWER: Illyrians

**20. This artist painted a work in which a wooden bar separates a statue from a landscape with two shadowy figures while a blueprint in the foreground blends in with the sky. This artist of *The Double Dream of Spring* included recurring themes in his works like trains puffing smoke and bunches of bananas. This artist showed a green ball lying in the foreground near an (\*) orange rubber glove that is nailed to a wall next to the head of a sculpture. The red Castello Estense of Ferrara is in the background of a painting by this artist that shows a dummy head attached to one of the two mannequins in the foreground. This artist also painted a shadow appearing from behind a building as a girl rolls a hoop in the foreground. For 10 points, name this artist of *The Disquieting Muses* and *The Mystery and Melancholy of a Street*.**

ANSWER: Giorgio de Chirico

**TB. In functional analysis, two types of this concept differ in whether they allow for infinite sums or not; those are the Schauder and Hamel types. Given a set of this type in a function's target space, the function is continuous if and only if the preimage of every element of this set is open. A free module is a module equipped with a set of this type. Taking unions of elements from this set yields all (\*) elements of a topology. An algorithm for modifying a set of this type forms an element " $u_{sub\ n}$ " by taking " $v_{sub\ n}$ " and subtracting the projections of each previous " $u_{sub\ i}$ " onto " $v_{sub\ n}$ ;" that orthonormalization is called the Gram-Schmidt process. The "standard" one for  $R^n$  (" $R-n$ ") is the set of unit vectors, and the number of elements in this set equals the dimension of a vector space. For 10 points, give this term for a set of linearly independent vectors that span a vector space.**

ANSWER: basis

## Bonuses

1. This national park contains the Santa Elena and Boquillas canyons. For 10 points each:

[10] Name this national park in Southwestern Texas that contains Carter Peak. It is named for a feature of a body of water that runs through it.

ANSWER: **Big Bend** National Park

[10] The park's namesake big bend is in this river that marks the US-Mexico border.

ANSWER: **Rio Grande**

[10] The Big Bend National Park protects some of the American part of the desert that straddles the border. It's the largest North American desert.

ANSWER: **Chihuahuan** Desert

2. One painting in this structure depicts Saint Peter healing the sick with his shadow, and another wall contains opposite depictions of the healing of a cripple and the raising of Tabitha. For 10 points each:

[10] Identify this building which contains several works by Masolino da Panicale, who left for Hungary before completing it.

ANSWER: **Brancacci** Chapel

[10] The Brancacci Chapel contains several frescos by this associate of Masolino, who painted a scene of a tax collector demanding money in *The Tribute Money*.

ANSWER: **Masaccio** [or Tommaso **di Ser Giovanni di Simone**]

[10] Masaccio also painted this fresco in the left aisle of the basilica of the Santa Maria Novella in Florence. It is a very long, vertically oriented work showing the title group.

ANSWER: *The **Holy Trinity*** [or *The **Holy Trinity**, with the Virgin and Saint John and donors*]

3. The position of Minister Mentor was created specifically for this politician, who was general secretary of his political party for over forty years. For 10 points each:

[10] Name this longtime prime minister who oversaw the separation of his nation from Malaysia and also pushed the "Stop at Two" family planning campaign. His government also expanded the use of corporal punishment.

ANSWER: **Lee** Kwan Yew

[10] Lee Kwan Yew was the longtime prime minister of this Asian island nation. It was originally a British trading post created by Stamford Raffles.

ANSWER: Republic of **Singapore** [or *Republik **Singapura***; or **Xinjiapo** *Gongheguo*; or **Cinkappur** *Kutiyaracu*]

[10] Lee Kwan Yew was the head of this dominant political party in Singapore, which was opposed by the David Marshall founded Workers Party of Singapore.

ANSWER: **People's Action** Party [or **PAP**]

4. This play tells of a commander of the Order of Calatrava who tries to rape Laurencia but gets driven away by Frondoso, with the help of that commander's own crossbow. For 10 points each:

[10] Name this play by Lope de Vega in which the people of the title town end up killing that commander, Fernan Gomez de Guzman, after Guzman repeatedly harasses those people.

ANSWER: **Fuenteovejuna** [or *The **Sheep Well***]

[10] Lope de Vega was an author from this country's Golden Age. This country also produced *Don Quixote*.

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

[10] This other Spanish author and proponent of minimalist Castilian *conceptismo* was a rival of Luis de Gongora.

ANSWER: Francisco Gomez de **Quevedo** y Santibanez Villegas

5. Answer these questions about historical figures who have much greater importance in Harry Turtledove's *The War that Came Early* series, for 10 points each.

[10] The convenient 1938 assassination of the leader of these people, Konrad Heinlein, led Hitler to make a declaration of war that is quickly matched by Daladier and Chamberlain.

ANSWER: Sudeten Germans [or Czechoslovakian Germans; or German Bohemians; or German Moravians; or German Silesians; or Sudetendeutsche; or Deutschböhmen; or Deutschnährer; or Deutschschlesier; prompt on "Germans"; prompt on "Czechoslovaks"; prompt on "Bohemians"; prompt on "Moravians"; prompt on "Silesians"; do not accept answers with "Slovak" used outside the context of a Czechoslovak]

[10] The USSR declared war on Germany in 1938 to back its Czechoslovak ally, so Maxim Litvinov was not replaced as Foreign Minister by this man who, in reality, signed a nonaggression pact with Ribbentrop.

ANSWER: Vyacheslav Molotov

[10] Spain actively fights on the Axis side because this bombastic Nationalist general didn't die in a plane crash while returning from Portugal, thus never letting the more cautious Francisco Franco take power.

ANSWER: José Sanjurjo y Sacanell, 1st Marquis of the Rif [prompt on "1st Marquis of the Rif"]

6. Answer some questions about mind-body dualism and the work done on it, for 10 points each.

[10] Mind-body dualism was posited by, and is sometimes named for, this philosopher, who outlined it alongside his "evil demon" thought experiment in his *Meditations on First Philosophy*.

ANSWER: Rene Descartes

[10] This man stated that Descartes ideas about the mind are the result of category errors in his *The Concept of Mind*.

ANSWER: Gilbert Ryle

[10] In his major work, this other philosopher considered a thought experiment about a tribe who had a language with no references to inner thoughts and sensations, called Ryleans. That major work criticizes the idea that knowledge is independent of sense-data.

ANSWER: Wilfred Sellars

7. This story ends with a description of a pillar at a mosque in Cairo where another one of the title objects can be heard. For 10 points each:

[10] Name this story that begins with the narrator mourning the loss of Beatriz Viterbo, whose cousin is attempting to write a massive poem and wants to prevent the demolition of his house to preserve the title object in his cellar.

ANSWER: "El Aleph" [or "The Aleph"]

[10] "El Aleph" is a short story by this Argentine author of *Ficciones*.

ANSWER: Jorge Francisco Isidoro Luis Borges

[10] The narrator of this Borges story trades his pension and a bible to a Scottish man for the title object, which, when its pages are turned, generates more pages. The story ends with the narrator hiding the title object in a library.

ANSWER: "The Book of Sand" [or "El libro de arena"]

8. These devices commonly have an epitaxial layer of silicon on some substrate. For 10 points each:

[10] Name these imaging devices in which a pixel corresponds to a single potential well of electrons. When a photon hits the well, the charges move to a charge amplifier.

ANSWER: CCD [or charge-coupled devices]

[10] CCDs are one of many devices that take advantage of the properties of these materials, which can be n- or p-doped to alter the properties of their band gap.

ANSWER: semiconductor

[10] Crystallographic defects in the depletion layer of a CCD lead to this phenomenon, in which charge flows even when no photons are hitting the device.

ANSWER: dark current [prompt on "current"]

9. This instrument is commonly played alongside clapsticks, and Lina Barwick wrote an article about whether women are actually allowed to play it. For 10 points each:

[10] Name this instrument which accompanies ceremonies like the Corroboree.

ANSWER: **Didgeridoo**

[10] The didgeridoo is played by members of this ethnic group, who practice a type of incendiary agriculture called firestick farming. These people find Ayers Rock, also known as Uluru, sacred.

ANSWER: Australian **Aborigines** [or **Aboriginal Australians**; prompt on “Australians”]

[10] This American archeologist and proponent of processual archaeology studied the Aborigines as part of his effort to bring middle-range theory to archaeology.

ANSWER: Lewis **Binford**

10. The HWE modification of this reaction extended it to esters. For 10 points each:

[10] Name this organic reaction in which a phosphonium ylide is used to convert a carbonyl compound to an alkene.

ANSWER: **Wittig** reaction

[10] In the Wittig reaction, the initial addition of the ylide to the carbonyl generates this four-membered ring intermediate.

ANSWER: **oxaphosphetane**

[10] This other modification of the Wittig reaction uses a sulfonium ylide to create epoxides.

ANSWER: **Corey-Chaykovsky** reaction

11. These curves are defined a sum over Bernstein polynomials with argument in the closed interval 0 to 1, and only the first and last control points must lie on these curve. For 10 points each:

[10] Name these parametric curves used in graphics to model smooth surfaces. They can be combined to form namesake “splines.”

ANSWER: **Bezier** curves

[10] This technique from computer graphics follows the path light takes from the eye through the pixels of the screen. This technique renders images relatively slowly and, as such, is generally not used in real-time.

ANSWER: **ray tracing**

[10] Computers commonly represent colors with two hex digits for each of these three colors. #FFFFFF sets each of these three colors to a value of 255 and results in the color white.

ANSWER: **red, green, and blue** [accept in any order; accept **RGB**; prompt on partial answer]

12. This composer included the “Urlicht” song for alto in the fourth movement of a symphony whose huge final movement is marked “In the Tempo of the Scherzo.” For 10 points each:

[10] Name this conductor of that *Symphony No. 2* as well as the “Symphony of a Thousand” and “The Song of the Earth.”

ANSWER: Gustav **Mahler**

[10] This one-time music director of *La Scala*, conductor of the London Symphony Orchestra, and frequent performer of Mahler’s works such as the *Symphony No. 6* recently became a Senator for Life in Italy.

ANSWER: Claudio **Abbado**

[10] Unlike the 6th, the first four of Mahler’s symphonies all set text from this anonymous collection of German folk poetry, and he also used it for his *Humoresques* and *Songs of a Wayfarer*.

ANSWER: *Des Knaben **Wunderhorn**: Alte deutsche Lieder* [or *The Boy’s **Magic Horn**: Old German Songs*]

13. Identify some things about disorders that occur upon damage to the temporal lobe, for 10 points each.

[10] The variant of this disease named for Wernicke is often caused by temporal lobe lesions. This condition is the inability to properly use language.



ANSWER: **aphasia**

[10] The temporal lobe can sometimes herniate through the tentorium, causing *this* to happen to the pupil of the eye on the affected side. This condition is formally called mydriasis, and can also be caused by anti-cholinergics.

ANSWER: the pupil is **dilated** [or is **blown**, accept reasonable equivalents mentioning that **it gets bigger**]

[10] Other temporal lobe lesions can cause the inability to recognize faces, a condition called *this*.

ANSWER: **prosopagnosia**

14. One side in this battle attempted to attack a position called the Mule Shoe, and this battle occurred after one side moved southeast after the Battle of the Wilderness. For 10 points each:

[10] Name this battle in Virginia which ended with a skirmish on Harris Farm. This battle occurred early in the Overland Campaign.

ANSWER: Battle of **Spotsylvania** Court House

[10] This Union General at Spotsylvania got the nickname “unconditional surrender” during the war. He faced off against Lee repeatedly during the Overland Campaign and met him at Appomattox Courthouse.

ANSWER: Ulysses Simpson **Grant**

[10] A corner of the Mule Shoe feature in Spotsylvania was given this nickname. Horatio Wright repeatedly attacked this site, which had a lot of intense close-quarters fighting.

ANSWER: **Bloody Angle**

15. Tchelio repeatedly loses a card game in this opera, which begins with a frame story involving the *ridicules* intervening in a play. For 10 points each:

[10] Name this opera based on a play of the same name by Carlo Gozzi. It tells the story of the title curse made on the Prince by Fata Morgana.

ANSWER: *The **Love for Three Oranges***

[10] *The Love for Three Oranges* is an opera by this composer of *Peter and the Wolf*.

ANSWER: Sergei Sergeyevich **Prokofiev**

[10] This character in *The Love for Three Oranges* is loved by the Prince, but she gets turned into a rat by Fata Morgana, so the Prince has to instead marry Smeraldina.

ANSWER: **Ninette** [or The **Third Orange**]

16. A “push” of this weapon ended the Battle of the Dunes. For 10 points each:

[10] Name this weapon that was paired with “shot” in Early Modern army formations and was the weapon of choice for Landsknechts and Swiss mercenaries, whose used these weapons in squares to devastating effect at Nancy.

ANSWER: **pike** [prompt on “pole-arm weapon”; prompt on “spear”]

[10] This elegant cavalry tactic was notably *not* employed by the New Model Army and Gustavus Adolphus’s *hakkapeliitta* cavalry. It had cavalry form up in ranks to discharge pistols, reform at the rear to reload, and repeat.

ANSWER: **caracole**

[10] One area in this country had a namesake charge where its forces would fire a volley and then charge with melee weapons such as the claymore.

ANSWER: Kingdom of **Scotland** [or **Scottish highland** charge; or *Rioghachd na h-**Alba***; or *Kin’rick o **Scotland***; antiprompt on “Scottish highlands”]

17. The title figure of this work promises to flog himself if a widow frees him, but after he is freed, he breaks his oath and tries to convince his squire to flog himself instead. For 10 points each:

[10] Name this poem that satirizes the English Civil War. It is about the title knight errant who tries to woo a widow with the help of the astrologer Sidrophel.

ANSWER: **Hudibras**

[10] *Hudibras* was written by this English author who parodied Homer in his *Cynarctomachy* and shares his name with the nineteenth century English novelist who created Ernest Pontifex.

ANSWER: Samuel **Butler**

[10] Butler's poem "The Elephant on the Moon" is about one of these animals getting stuck in a telescope. Robert Burns wrote of "The best-laid schemes" of these creatures and men in a poem "To" one of these animals.

ANSWER: **mouse** [or **mice**; or **mus muuculus** and all the other scientific names if they insist]

18. The Epistle to the Galatians weighs in on this issue by describing a dispute between Paul and Peter at Antioch. For 10 points each:

[10] Name this controversy which arose when the 50 AD Council of Jerusalem issued the "Apostolic Decree" that converts to Christianity would not have to perform a certain action.

ANSWER: **circumcision** controversy [accept descriptive answers like "the controversy over whether Christians have to get **circumcised** or not"; prompt on answers describing "foreskin removal"]

[10] By making circumcision optional, the Council departed from law set forth by this man, who received the Ten Commandments on Mount Sinai.

ANSWER: **Moses**

[10] The Apostolic Decree was created by this leader of the Jerusalem Church, the first Bishop of Bishops. He wrote a New Testament epistle arguing that faith supplemented by works was the proper way to salvation.

ANSWER: Saint **James the Just** [or **James the brother of the Lord**, surnamed the Just; or **James of Jerusalem**; **James the Righteous**; or **James Adelphotheos**; or any answer of **James, brother of Jesus**; prompt on "James"]

19. This figure once wrestled the Bear Lake Monster for several days, and this figure's love interest insisted on riding his horse Widow-Maker, which resulted in her death. For 10 points each:

[10] Name this figure from American folklore. His other actions include lassoing a tornado and shooting all of the stars out of the sky except for the Lone Star.

ANSWER: **Pecos Bill**

[10] Pecos Bill was raised by a group of these creatures. In another myth system, one of these creatures is a trickster who once stole a bag of stars and put them in the sky.

ANSWER: **coyote**

[10] Pecos Bill's love interest Slue-Foot Sue rode down the Rio Grande on one of these animals. In Japanese myth, one of these creatures named Namazu lives underneath Japan and causes earthquakes when he thrashes around.

ANSWER: **catfish** [prompt on less specific answers like "fish" or "thing that lives underwater"]

20. A town with this name is where the mayor, Blue, explains to his ex-prostitute wife Molly how the Bad Man from Bodie came because the town wanted Evil. For 10 points each:

[10] Name that town. This name also titles a novel by Dickens set in Coketown about the Gradgrinds and Mr. Josiah Bounderby.

ANSWER: **Hard Times** - For These Times

[10] Another work by the author of *Welcome to Hard Times* is this one, which uses the characters Paul and Rochelle Isaacson to parallel the lives of the real-life Julius and Ethel Rosenberg.

ANSWER: *The* **Book of Daniel**

[10] The best known work of E. L. Doctorow, the author of those two novels, is probably this one. In it, Coalhouse Walker plays the piano at Father and Mother's house, and Evelyn Nesbit financially supports the single father Tateh.

ANSWER: **Ragtime**