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TOSSUPS

1. One of these events featured a 265-ton real iceberg, while the Great Wall of China was used in another of these events produced by Karl Lagerfeld. A hologram appeared in a pyramid of glass at another of these events hosted by Alexander McQueen. These events are named with modifiers like S/S ("s slash s") to indicate the seasons they're meant to represent. A yearly one of these events features butterfly and devil wings on its namesake (*) "angels."

Some of the most popular of these events occur in "weeks" yearly in Paris, Milan and New York, and a famous yearly one is named after Victoria's Secret. For 10 points, name these events in which models walk on a catwalk to display the clothes of a specific designer.

ANSWER: fashion shows [or runway shows, accept specific shows]

2. One form of this effect was observed from the mutual shift of two lines produced by a concave mirror relative to a reference. The Ives-Stilwell experiment used a canal ray tube to detect the transverse form of this effect, which is caused by relativistic time dilation. This effect is used by echocardiograms to non-invasively measure the speed of blood. This effect appears as either (*) blueshift or redshift depending on whether an object is moving towards or away from an observer, and is responsible for the change in pitch of a passing siren. For 10 points, name this effect that causes a shift in frequency based on an object's relative velocity.

ANSWER: Doppler effect

3. This man's family claims descent from the Dukes of Buccleuch, although they are actually hardware salesmen. At the beginning of the novel he appears in, this New York bond salesman recounts some advice given to him by his father during his "younger and more (*) vulnerable years." Early in the novel he appears in, this character is introduced to an amateur golfer named Jordan Baker, and he spots another man reaching out across the bay to a green light. This character is unable to reach Daisy Buchanan while trying to organize that man's funeral. For 10 points, name this narrator of F. Scott Fitzgerald's *The Great Gatsby*.

ANSWER: Nick Carraway [or Nick Carraway]

4. One of these events is depicted in a world landscape featuring a floating inscription between both the sun and moon by Albrecht Altdorfer. Lorenzo de Medici stole two perspective-innovating paintings from Paolo Uccello that feature Niccolò Tolentino at one of these events in San Romano. In the aftermath of one of these events, Ambrogio Spinola accepts a key in a painting by Diego Velazquez. In a 1770 painting, a lamentation-like group and a (*) Native American gather around the title dying man during one of these events at Quebec. Benjamin West's *The Death of General Wolfe* shows, for 10 points, what type of event featuring flags and armies?

ANSWER: battles [or sieges; or clashes; or scuffles; or even wars or equivalents including specific battles or wars; accept surrenders]

5. In 2012, this nation's richest person sparked controversy by declaring that "Africans want to work and its workers are willing to work for less than two dollars per day." This country's Hancock Prospecting mining company is owned by Gina Rinehart. This nation's majority coalition proposes holding a plebiscite to decide the issue of same-sex marriage in this country, while Opposition leader Bill Shorten advocates for legislative action. In a September 2015 leadership spill, this nation's head of government was replaced by his Communications Minister (*) Malcolm Turnbull. For 10 points, name this nation where Tony Abbott was ousted as Prime Minister.

ANSWER: Commonwealth of Australia

6. A predecessor to this dynasty was founded by the warlord Nurhachi, who created its Eight Banners military system. This dynasty began after the peasant rebellion of Li Zicheng (lee zee-chung) forced the Chongzhen Emperor to commit suicide, allowing this dynasty's Prince Dorgon to capture Beijing. Its Kangxi (KAHNG-shee) Emperor was the longest reigning Chinese emperor ever at 61 years. This dynasty's Empress (*) Dowager Cixi (tsih-shee) supported the Boxer Rebellion against Western influence in China, and its last emperor Puyi (poo-ye) abdicated in 1911. For 10 points, name this final Chinese dynasty that succeeded the Ming.

ANSWER: Qing (CHING) Dynasty [prompt on "Manchu dynasty"; prompt on "Later Jin dynasty"; if you can't tell whether the player is saying Qing or "Qin", ask them to spell it]

7. One form of this element that has a high surface area catalyzes desulfurization and hydrogenation reactions and is named for Raney. Carbon monoxide binds to this element to form a tetracarbonyl compound that is heated to remove impurities in the Mond process. Though it is not chromium, this element can be electroplated on objects like car bumpers to create a (*) corrosion-resistant layer, and is alloyed with iron to form stainless steel. This element is often found along with cadmium in older batteries. For 10 points, name this element, the namesake of an American coin with symbol Ni.

ANSWER: nickel [accept Ni before read; prompt on "element 28"]

8. Shortly after this country was founded, one of its politicians delivered the "Cornerstone Speech" to explain its reasons for independence. In the 1871 Treaty of Washington, Britain apologized for building warships for this country. The USS *San Jacinto* controversially boarded a British mail ship and seized two diplomats from this country in the (*) Trent Affair. Alexander Stephens was a vice president of this country, which failed to gain international recognition from France and Britain despite its importance as a cotton producer. For 10 points, name this country once led by Jefferson Davis.

ANSWER: Confederate States of America [or Confederacy; or CSA; prompt on "the South" or similar answers]

9. In the author's note for this novel, an old man claims that its story will make the author "believe in God." As a child, this novel's main character simultaneously practices Christianity, Hinduism, and Islam. At the end of this novel, its main character proves bananas can float to two Japanese shipping officials, who eventually decide to believe his incredible story. That title character of this novel supposedly encounters a (*) floating island inhabited with thousands of meerkats and trains a tiger named Richard Parker while he is stranded on a lifeboat for 227 days. For 10 points, name this 2001 Yann Martel novel about the "Life of" the title Indian boy.

ANSWER: Life of Pi

10. Adherents of this religion pray towards a shrine near the Mansion of Bahjí, where this religion's founder died. This religion's name derives from a hidden hundredth name of God that translates as "glory". This religion's holy book, the *Kitáb-i-Aqdas* (keh-TOB eh ak-DASS), outlines the (*) nineteen-day fast that takes place during the month of 'Ala'. This religion's governing body is the Universal House of Justice. This religion's founder was originally a follower of the Báb who fled from persecution in 19th century Persia. For 10 points, name this monotheistic faith founded by Bahá'u'lláh.

ANSWER: Bahá'í (bah-"HIGH") Faith [or Bahá'iyat]

HALFTIME

11. This man is humbled when he wrongly guesses a yellow-faced figure to be Effie Munro's first husband, when it is actually her mixed-race daughter from an earlier marriage. This man asks "what the deuce is it" to him that "we go round the sun," as it does not matter to him or his work. This man's unambitious brother, a government official who frequents the Diogenes (dye-AW-juh-nees) Club, is often considered the "most indispensable man" in Britain. This protagonist of *A* (*) *Study in Scarlet* once lost an intellectual battle to the opera singer Irene Adler. This character resides at 221B Baker Street, London. For 10 points, name this detective created by Sir Arthur Conan Doyle.

ANSWER: Sherlock Holmes [or Sherlock Holmes]

12. In this modern-day country's mythology, a bitter hero lets two handfuls of water run through his fingers before carrying the third to try and heal a warrior with a "love spot." Those two heroes from this country had their tales recorded by the bard Oisín (uh-SHEEN). A hero from this country can summon all the knowledge of the world by (*) sucking on his thumb, which he burns while cooking the Salmon of Knowledge. The Fenian and Ulster Cycles record this country's mythology, whose heroes include Finn MacCool. For 10 points, name this country in which pots of gold are hidden at the end of rainbows by leprechauns.

ANSWER: Ireland [or Éire ("AIR"-yuh); or Airlann (AHR-lahn)]

13. The prevalence of this condition has been shown to increase greatly in people who have two copies of the FTO gene. High levels of ghrelin increase the chance of this condition in sufferers of Prader-Willi (PRAY-der VEE-"lie") syndrome. This condition was displayed in mice who were either unable to produce or unable to respond to leptin. It is closely linked to an increased risk of sleep apnea, and has also been linked to (*) type II diabetes. This condition is defined as a BMI over 30, while a BMI over 35 constitutes its "morbid" variant. For 10 points, name this condition in which a person is highly overweight.

ANSWER: obesity [prompt on overweight until the end; prompt on being fat or other descriptions]

14. A firm will shut down when this quantity falls below the negative of the fixed cost. In perfect competition, a positive value for this quantity incentivizes new firms to enter the industry, which then shifts this quantity to zero in the long run. This quantity is equal to the number of units sold times the *difference* between price and average total cost. Its economic type equals its (*) accounting type minus the opportunity cost. The ultimate goal of all firms is to maximize this quantity by setting the number of units where marginal revenue meets marginal cost. For 10 points, what quantity is equal to the revenue minus the cost?

ANSWER: profit [accept any specific types; prompt on "pi"; prompt on "loss"]

15. This man tells his daughter that the National Recovery Administration was killed by nine old men. During a dinner, this man shakes his head at his daughter multiple times when she yells at a guest for pouring molasses over his food. Miss Maudie tells this man's children that he can play a Jew's harp. This man warns his children of a sin against (*) creatures that only "sing their hearts out for us." Confusingly, this man appears as a card-carrying member of the Ku Klux Klan in the recently published *Go Set a Watchman*. This lawyer points out that Tom Robinson only has one arm, but fails to prevent a conviction for assaulting Mayella Ewell. For 10 points, name this father of Jem and Scout Finch in *To Kill a Mockingbird*.

ANSWER: Atticus Finch [prompt on "Finch"]

16. In the 1930s, this sea's island of Rugen became the site of a huge, unfinished government beach resort known as Prora. During the Cold War, international tension arose over whether NATO (NAY-"toe") could station troops on this sea's western island of Bornholm. In 1921 the League of Nations arbitrated a territorial dispute over this sea's Åland Islands. On its western end, the (*) Kiel (keel) Canal was constructed in 1895 to bypass the Jutland Peninsula. The Treaty of Versailles (vur-"SIGH") created the Danzig Corridor so that Poland had access to this sea. For 10 points, name this sea that borders its namesake "States" of Estonia, Latvia, and Lithuania.

ANSWER: Baltic Sea

17. During this war, an invading army simultaneously defeated the armies of Alexander Samsonov and Paul von Rennenkampf, because the two men hated each other and refused to coordinate. The Brusilov Offensive temporarily turned the tide of this war's eastern front, in which Russian forces were crushed at the two Battles of the Masurian Lakes and the Battle of (*) Tannenberg. This war's eastern front came to an end when the Treaty of Brest-Litovsk ("breast"-lih-TAHVSK) was signed by the Bolsheviks, who had just taken control of Russia in the October Revolution. For 10 points, name this war between the Allies and the Central Powers.

ANSWER: World War I [or First World War; or Great War]

18. A short solo for a French horn begins this composer's four-movement Piano Concerto No. 2 in B-flat major. This composer used the bass line from a J.S. Bach cantata in the passacaglia that ends his Symphony No. 4 in E

minor. This composer incorporated drinking songs such as "Gaudeamus igitur" (GAO-dee-AH-muss EE-gee-"tour") into a piece that he paired with the (*) *Tragic Overture*. This composer of the *Academic Festival Overture* created orchestrations of his twenty-one *Hungarian Dances* for piano four hands. His "Cradle Song" sets to music a poem that begins "Good evening, good night." For 10 points, name this composer of a namesake lullaby.

ANSWER: Johannes Brahms

19. A number n has this property if the factorial of n minus one is modularly congruent to n minus one, according to Wilson's theorem. The Miller-Rabin test can determine whether a number does not have this property and has the advantage of not yielding false positives for Carmichael numbers. The Goldbach conjecture states that every even number can be represented as the (*) sum of two of these numbers. RSA encryption is based around difficulty in this property's namesake factorization, which breaks down composite numbers into numbers with this property. For 10 points, name this property of numbers with no proper factors.

ANSWER: prime numbers [or primality; or word forms]

20. He's not Woodrow Wilson, but this president approved the first income tax in U.S. history. He angered his allies in Congress when he promoted his own "Ten Percent Plan" over the more stringent "Ironclad Oath" by pocket-vetoing the (*) Wade-Davis Bill. During his administration, the federal government approved the Homestead Act and the construction of the First Transcontinental Railroad. He defeated the anti-war candidate George McClellan during his 1864 re-election campaign. For 10 points, name this president during the Civil War.

ANSWER: Abraham Lincoln

END OF REGULATION, PROCEED ONLY IF TIED

21. One phenomenon named for this color has a uniform probability for all frequencies on a spectral density plot and is contrasted with a pink variant. This color is the opposite of the key in the CYM model, which is a subtractive model of color. This is the color of a waxy allotrope of (*) phosphorus, which is reactive enough to ignite slightly above room temperature. Values of 255 for R, G, and B produces this color in additive models, which is produced by light containing all colors. For 10 points each, name this color, which names a type of noise found in television static.

ANSWER: white [accept white noise; accept white phosphorus; accept white light]

22. The protagonist of a novel by this man invents an evil twin while stranded on an island he believes is on the International Date Line. In another novel by this author of *The Island of the Day Before*, Casaubon attempts to break into Abulafia (AH-boo-luh-FEE-uh), a personal computer containing a randomly arranged text that has been constructed into a conspiracy theory called the Plan. Jorge (HOR-hay) of Burgos poisons the pages of Aristotle's treatise on comedy in a novel by this author, which is set in a monastery where the friar (*) William of Baskerville investigates a series of murders. For 10 points, name this semiotics-loving Italian author of *Foucault's Pendulum* and *The Name of the Rose*.

ANSWER: Umberto Eco

BONUSES

1. For 10 points each, answer the following about the paintings of the 19th-century artist Ilya Repin (**ill-yah reh-pin**):

[10] In an 1885 Repin painting, this ruler kneels while clutching the bloodied body of his intended heir, whom he had just unintentionally killed. As a result, this ruler had to be succeeded by his more incompetent son Feodor, leading to the Time of Troubles.

ANSWER: **Ivan the Terrible** [or **Ivan IV ("the fourth")** Vasilyevich or **Ivan Grozny**; prompt on "Ivan"]

[10] In 1891 Repin depicted the "Zaporozhian" (**zah-poh-ROH-zhian**) group of these nomadic people gathered around a table, as they drafted an offensive letter to the Ottoman sultan Mehmet IV (**"the fourth"**).

ANSWER: Zaporozhian **Cossacks** [or **Cossacks** of Saporog]

[10] Repin hailed from this large European country, as did Ivan the Terrible and the Cossacks.

ANSWER: **Russia** [or **Russian** Empire; or **Rossiya**; or **Rossiyskaya** Imperiya]

2. In this state, a grand jury indicted police officer Michael Slager for the shooting of Walter Scott. For 10 points each:

[10] Name this state where Dylann Roof killed pastor Clementa Pinckney and eight others in a mass shooting at the Emanuel African Methodist Episcopal Church in Charleston.

ANSWER: **South Carolina**

[10] This South Carolina governor mentioned the shooting in the Republican response to the 2016 State of the Union address. She rose to stardom in her 2010 gubernatorial campaign after endorsements from Mitt Romney and Sarah Palin.

ANSWER: Nikki **Haley** [or Nimrata Nikki **Randhawa**]

[10] The founders of the Emanuel African Methodist Episcopal Church included this free black carpenter, who in 1822 planned a slave revolt that involved killing slave owners in Charleston and fleeing to Haiti.

ANSWER: Denmark **Vesey** [or **Telemaque**]

3. After the death of Oedipus, his son Polynices (**"polly nice"-eez**) and six others fought against his brother Eteocles (**eh-TAY-oh-kleez**) for the throne of this city. For 10 points each:

[10] Name this city in Boeotia (**bee-OH-shee-ah**), where Cadmus followed a cow until it fell to the ground from exhaustion. Other people from this city include Creon and Antigone (**"ann"-TIH-goh-nee**).

ANSWER: **Thebes** [or **Thebai**; or **Thiva**]

[10] Polynices bribed Eriphyle (**"air riffle"-ee**) with this cursed object so that she would convince her husband Amphiarus to join the Seven Against Thebes. Hephaestus first gave it to Cadmus' wife.

ANSWER: the **Necklace** of Harmonia

[10] The Seven Against Thebes also included Parthenopeus, the son of this woman. This woman's future husband Hippomenes (**hah-PAH-meh-nee**) distracted her in a foot race by throwing three golden apples.

ANSWER: **Atalanta**

4. In 1901 this man dined with Theodore Roosevelt as the first African-American ever invited to the White House. For 10 points each:

[10] Name this early civil rights leader, an opponent of W.E.B. Du Bois (**doo BOYCE**) who promoted black self-improvement instead of direct challenges to segregation.

ANSWER: Booker T. **Washington** [or Booker Taliaferro (**"tolliver")** **Washington**]

[10] In 1895 Washington gave a famous speech encouraging white and black Southerners to both "cast down" this item "where you are," in a metaphor about blacks entering the Southern workforce.

ANSWER: **bucket**

[10] W.E.B. Du Bois mockingly characterized Washington's 1895 speech as the "Compromise" of this Southern city, where the speech was originally given.

ANSWER: **Atlanta** [accept **Atlanta** Compromise]

5. In this novel, the anarchist Souvarine (**soo-vah-REEN**) advocates violence while Étienne Lantier (**ay-tee-ANN lahn-tee-YAY**) unsuccessfully attempts to keep his strikers peaceful. For 10 points each:

[10] Name this naturalist novel about a French coal miners' strike, which is named after a spring month on the French Revolutionary Calendar.

ANSWER: **Germinal**

[10] *Germinal* was written by this liberal French author of the late 19th century, whose other works include the political letter *J'Accuse*.

ANSWER: Emile **Zola**

[10] In *J'Accuse*, Zola defended this Jewish army officer who had been falsely accused of espionage by conservative elements of the French government.

ANSWER: Alfred **Dreyfus**

6. Franz Xaver Süssmayr's additions to this piece begin eight bars into the Lacrimosa section. For 10 points each:

[10] Name this mass for the dead, left unfinished at the death of its composer, Wolfgang Amadeus Mozart.

ANSWER: **Requiem** in D minor

[10] Mozart's requiem calls for two basset horns in place of this single-reed woodwind instrument played by Mozart's contemporary Anton Stadler.

ANSWER: **clarinet**

[10] The Introit and Kyrie of Mozart's requiem are followed by this menacing third movement about the Day of Judgment.

ANSWER: **Dies Irae** [prompt on "day of wrath"; prompt on "Sequenza"; do not accept "Dies Illa"]

7. These entities are often responsible for brief bouts of precipitation due to their ability to force air upwards. For 10 points each:

[10] Name these moving boundaries between adjacent air masses. An analogue between air masses with different humidities is called a dry line.

ANSWER: **fronts** [accept **warm fronts**; accept **cold fronts**; accept **occluded fronts**]

[10] Fronts are characterized based on this property of the moving air mass, which directly affects its density.

ANSWER: **temperature**

[10] A third type of front, the occluded front, can be formed by rotation in this kind of system, which is low-pressure and contrasted with its "anti" counterpart.

ANSWER: **cyclone** [prompt on "convergent systems" or equivalents for the word "systems"; do not accept "anticyclones"]

8. The National Mall of Washington D.C. was the site of many landmark events in Civil Rights history. For 10 points each:

[10] During the 1963 March on Washington, Martin Luther King Jr. stood on the steps of the Lincoln Memorial to give this speech, which is titled after an iconic four-word phrase.

ANSWER: **"I Have a Dream"** speech [prompt on "Dream speech"]

[10] In 1995 the Nation of Islam leader Louis Farrakhan helped organize this other major Civil Rights march to the National Mall.

ANSWER: **Million Man** March

[10] After the black contralto singer Marian Anderson was denied the right to perform at Constitution Hall, she instead sang at the Lincoln Memorial with encouragement from this first lady, who helped draft the Universal Declaration of Human Rights.

ANSWER: Eleanor **Roosevelt** [or Anna Eleanor **Roosevelt**; prompt on "Eleanor"]

9. One philosopher from this modern-day country was satirized in Voltaire's *Candide* (**can-DEED**) as Dr. Pangloss. For 10 points each:

[10] Name this modern-day country, the birthplace of such philosophical figures as Gottfried Leibniz and Karl Marx.

ANSWER: **Germany** [or Federal Republic of **Germany**; or Bundesrepublik **Deutschland**; prompt on "Saxony" or "Prussia"]

[10] This philosophical school founded by the German philosopher Edmund Husserl focuses on concepts such as eidetic reduction and bracketing to create objective means of studying subjective feelings.

ANSWER: **phenomenology**

[10] French philosopher Maurice Merleau-Ponty blended phenomenology with this other philosophical school, whose members include Albert Camus (**cah-MOO**). This school focused on concepts such as despair and the absurd.

ANSWER: **existentialism**

10. The prelude to this opera introduces a dissonant chord named for this opera's first title character. For 10 points each:

[10] Name this opera in which King Mark's fiancée and nephew fall in love after consuming a love potion.

ANSWER: ***Tristan und Isolde*** [or ***Tristan and Isolde***]

[10] This composer wrote *Tristan and Isolde* and collected four enormous operas into the *Ring* Cycle.

ANSWER: Richard **Wagner** [or Wilhelm Richard **Wagner**]

[10] This first opera in the *Ring* Cycle begins with a lengthy drone depicting the title geographical feature.

ANSWER: *Das* ***Rheingold*** [or *The* ***Rhingold***]

11. One of these *two* people is created using the rib of the other. For 10 points each:

[10] Name this Biblical couple. These first *two* humans reside in the Garden of Eden until they are cast out for their sin.

ANSWER: **Adam** and **Eve** [accept in either order; or **Adam** and **Chavah**]

[10] A snake convinces Adam and Eve to eat the fruit of a tree named for the knowledge of these *two* qualities, after which they become aware of their nakedness.

ANSWER: **good** and **evil** [accept in either order]

[10] This son of Adam and Eve is the ancestor of Noah and thus all of humanity.

ANSWER: **Seth** [or **Set**; or **Sheeth**]

12. Modifications to this law include factors correcting for the volume and interactions of its namesake particles. For 10 points each:

[10] Name this law, created from combining the namesake laws of Avogadro, Boyle, Charles, and Gay-Lussac.

ANSWER: **ideal gas** law [do not accept "combined gas law"]

[10] This theory attempts to approximate ideal gases with assumptions such as negligible size and no intermolecular forces. It also names a form of energy proportional to the temperature of a gas.

ANSWER: **kinetic** theory of gases

[10] This property of an ideal gas was decreased in the Gibbs paradox, which split a container into two identical halves. That paradox was resolved by the Sackur-Tetrode equation, which calculated this quantity extensively.

ANSWER: **entropy** [or **S**]

13. Hans Namuth took several photographs of this man using his characteristic "drip method." For 10 points each:

[10] Name this artist that used the technique of "action painting" in works like *Lavender Mist* and *Full Fathom Five*.

ANSWER: Jackson **Pollock** [or Paul Jackson **Pollock**]

[10] Robert Coates coined the name for this art movement which included Jackson Pollock. It also included artists like Helen Frankenthaler and Arshile Gorky.

ANSWER: **abstract expressionism**

[10] This Dutch-American abstract expressionist's *Police Gazette* was sold to Steven Cohen in 2005 for \$63.5 million. He's probably more famous for portraying abstracted females in his *Woman* series.

ANSWER: Willem **de Kooning** [do not accept "Kooning"]

14. The magnetic form of this law states that the divergence of magnetic field is zero, a result that would change if magnetic monopoles were discovered. For 10 points each:

[10] Name this equation that relates an enclosed charge to the electric flux through a surface, which can be used to derive Coulomb's law.

ANSWER: **Gauss's** law of flux [accept **Gauss's** law of magnetism]

[10] The two versions of Gauss' law make up half of this set of four equations compiled by a Scottish physicist. They are either expressed in a differential or integral form, and also include Ampere's law.

ANSWER: **Maxwell's** equations [accept James Stuart **Maxwell**]

[10] Substituting the term for charge in Gauss' law with mass can be used to derive an equivalent of this inverse-square law.

ANSWER: **Newton's** law of **gravitation** [accept answers that give both **Newton's** name and **gravity**]

15. The corpse of a member of this profession is taken away by trains "at five in the afternoon." For 10 points each:

[10] Identify this profession. Federico García Lorca wrote a lament for a member of this profession whose eyes did not close when he saw "the horns near."

ANSWER: **bullfighters** [accept **matadors**]

[10] In this novel, Robert Cohn beats up the young bullfighter Pedro Romero over his affair with Lady Brett Ashley during a trip to Spain.

ANSWER: *The **Sun Also Rises***

[10] This author of *The Sun Also Rises* wrote about the beauty of bullfighting and his obsession with courage in the face of death in his super long *Death in the Afternoon*.

ANSWER: Ernest **Hemingway** [or Ernest Miller **Hemingway**]

16. For 10 points each, answer the following about literature involving American prep school students:

[10] This phony-hating teen attends Pencey Prep in *The Catcher in the Rye*.

ANSWER: **Holden Caulfield** [accept either underlined name]

[10] The former prep school student Gene recalls how he caused his friend Finny to fall off a tree branch, ruining his athletic career, in this 1959 John Knowles novel.

ANSWER: *A **Separate Peace***

[10] In this F. Scott Fitzgerald novella, the prep school student John visits Montana, where the family of his roommate Percy Washington secretly manages a gigantic gemstone that they keep hidden from the rest of the world.

ANSWER: *The **Diamond as Big as the Ritz***

17. This structure is created from four different lobes, including the temporal and parietal, which are divided into two hemispheres. For 10 points each:

[10] Name this largest part of the brain. Its namesake cortex covers the outer layer of the brain and along with its "little" companion, it is responsible for controlling all voluntary actions.

ANSWER: **cerebrum** [accept **cerebral** cortex]

[10] These structures in the cerebral cortex are divided into regions classified as either gyri (**JY-rye**) or sulci (**SUL-sye**), and animals with higher intelligences tend to have higher numbers of them.

ANSWER: brain **folds** [accept descriptive answers of folds, like **wrinkles** or **squiggles** or **lines**]

[10] This region of the cerebrum is responsible for long-term memory storage and spatial awareness. Its name derives from its resemblance to a seahorse.

ANSWER: **hippocampus**

18. The recently unveiled Martin Luther King, Jr. Memorial lies along the east bank of this river. For 10 points each:

[10] Name this river that flows through Washington D.C.

ANSWER: **Potomac** River

[10] In the 1910s, the Japanese government gifted thousands of these iconic trees to be planted along the banks of the Potomac River.

ANSWER: **cherry** tree [or Japanese **Cherry** tree; or *Prunus serrulata*; accept **cherry** blossom trees; accept **sakura** trees]

[10] Hundreds of cherry trees surround this neoclassical monument on the Potomac, which was constructed in the 1940s by John Russell Pope.

ANSWER: Thomas **Jefferson Memorial**

19. In 2015 the Vatican finally agreed to beatify this country's archbishop Oscar Romero, who was assassinated by a government sniper while conducting mass in 1980. For 10 points each:

[10] Name this small and densely-populated country on the Pacific coast of Central America. It fought neighboring Honduras during the Soccer War.

ANSWER: **El Salvador** [or Republic of **El Salvador** or República de **El Salvador**]

[10] Romero supported this type of so-called "theology," a controversial Catholic movement in Latin America that emphasized embracing the poor and using Church influence to spark social change.

ANSWER: **liberation** theology

[10] Liberation theology has recently received renewed support by the Vatican under this current pope, a former bishop from Argentina.

ANSWER: Pope **Francis** I [or Jorge Mario **Bergoglio** (**bair**-**"GOAL"**-yoh)]

20. For 10 points each, identify these diseases featured in novels.

[10] The lovesick Florentino raises a yellow quarantine flag so he can be alone with Fermina at the end of a Gabriel García Márquez novel about "Love in the Time of" this disease.

ANSWER: **cholera** [accept *Love in the Time of Cholera* or *El amor en los tiempos del cólera*]

[10] The citizens of Oran, Algeria struggle with an outbreak of this disease in an existentialist novel by Albert Camus (**kah-MOO**).

ANSWER: **plague** [accept *The Plague*; accept *La Peste*; accept bubonic **plague**; prompt on "Black Plague"; prompt on "Black Death"]

[10] Hans Castorp stays at a sanatorium in the Swiss Alps to recover from this disease in Thomas Mann's novel *The Magic Mountain*.

ANSWER: **tuberculosis** [or **consumption**; or **MTB**; or **phthisis** pulmonalis]

21. Answer the following about Indian removal, for 10 points each.

[10] During the 1830s, thousands of Native Americans from the "Five Civilized Tribes" were forcibly moved west of the Mississippi as part of this so-called "trail."

ANSWER: Trail of **Tears** [or Trail of **Tears** and Death; accept **nu na da ul tsun yi**; accept **Tlo va sa**; prompt on "Trail of Death"]

[10] In 1832 this frontier war erupted after the namesake Sauk ("**sock**") chief attempted to reverse his tribe's removal from Illinois. Abraham Lincoln briefly served on a local militia during this war.

ANSWER: **Black Hawk** War

[10] As part of the 1864 "Long Walk," the Navajo were expelled from Arizona by this U.S. army officer and mountain man, who now names a city in Nevada.

ANSWER: Kit **Carson** [or Christopher Houston **Carson**]