

1. In one short story by this author, Ben Price does not arrest Ralph Spencer. In another of this man's works, Bill and Sam try to make two thousand dollars by kidnapping the son of Ebenezer Dorset, but end up paying Dorset two hundred fifty dollars to take his son back. This author of "A Retrieved Reformation" also wrote about a set of combs and a watch chain for which Jim and Della make sacrifices to give to each other. For 10 points, name this American short story author of "The Ransom of Red Chief" and "The Gift of the Magi."
ANSWER: **O. Henry** [or William Sydney **Porter**]

036-10-14-04101

2. This politician lost many supporters because of his rough treatment of General Ralph Zwicker (ZWI-kur). The Hennings Report investigated this politician. This politician's reputation plummeted after Joseph Welch asked him, "Have you no sense of decency?" Roy Cohn worked alongside this politician. This man accused the State Department of harboring a number of Communists. For 10 points, name this Wisconsin Senator who led the post-World War II Red Scare.
ANSWER: Joseph Raymond **McCarthy**

004-10-14-04102

3. Indigenous minorities in this country are collectively known as "scheduled tribes." Another group which is protected from discrimination by this country's constitution was renamed "Children of God" or "Harijans" (HARR-ee-johnz). That group includes all people in this country who make a living by fishing, tanning hides, or handling bodily fluids. This country is also home to 160 million Muslims, though more Muslims lived here before the 1947 partition of this country. The "untouchables" fall outside the caste system of, for 10 points, what country, whose laws attempt to forbid bigotry in favor of the majority, Hindus?
ANSWER: Republic of **India** [or **Bharat**]

019-10-14-04103

4. Deficiency of this gland's namesake hormone leads to cretinism in newborns, and thyroxine (thy-"ROCKS"-een) is required to form that hormone. This butterfly-shaped gland sits at the front of the neck around the larynx (LAIR-"inks") and trachea (TRAY-kee-uh). Iodine is necessary for the synthesis of this gland's namesake hormone, and a deficiency of iodine causes it to become enlarged. For 10 points, name this endocrine gland that forms a goiter when not enough iodine is available.
ANSWER: **thyroid** gland

032-10-14-04104

5. During this larger conflict, the rebellion of Simon the Cutler, also called the Cabochien Revolt, occurred. Another uprising during a lapse in this war was led by William Cale. The treaties of Bretigny and Troyes were temporary armistices during this war. The death of John Talbot at the Battle of Castillon is considered the ending point of this war. The aforementioned Jacquerie occurred during this conflict, as did the uprising of Owen Glendower and Henry Hotspur against Henry V. For 10 points, name this medieval conflict between England and France.
ANSWER: **Hundred Years** War [prompt on **Armagnac-Burgundian** Civil War until "Mello"]

035-10-14-04105

6. The narrator describes Sally's hair as "shiny black like raven feathers," and that character is abused by her father and later her husband. This novel is dedicated "a las mujeres," and its protagonist dreams of living in a white home with three bathrooms rather than the crumbling building on the titular road. For 10 points, name this novel about Esperanza Cordero by Mexican-American author Sandra Cisneros.
ANSWER: *The **House on Mango Street***

032-10-14-04106

7. This figure grew up on the island of Seriphos and was sent on his most famous mission by Polydectes. As an infant he was cast into the sea in a chest by Acrisius (eck-REE-zi-US), whom he later killed with a discus. He defeated a sea monster that plagued Ethiopia and thereafter married Andromeda. In his most famous adventure, he received winged sandals and the cap of Hades from the Graiae (GRY-I) after stealing their one tooth and eye. For 10 points, name this Greek hero who slayed Medusa.

ANSWER: **Perseus**

030-10-14-04107

8. This composer wrote tone poems like *The Rock* and *The Isle of the Dead*. This composer inverted the notes of another composer's twenty-fourth caprice to write the eighteenth variation of a work for piano and orchestra. A, G-sharp, and C-sharp triple octaves begin this composer's Prelude in C-sharp minor, which is nicknamed "The Bells of Moscow." One of this man's works is a choral symphony based on Poe's "The Bells." For 10 points, name this late Russian Romantic who composed *Rhapsody on a Theme by Paganini*.

ANSWER: Sergei Vasilievich **Rachmaninoff**

036-10-14-04108

9. This man's advisors included Rustem and Sokolli. This man employed the architect Sinan. This ruler had his son Mustapha executed. This man's corsair Barbarossa made the Ottoman fleet a powerful force. This ruler conquered Belgrade in 1521. This man expelled the Knights Hospitalers from Rhodes in 1522. For 10 points, name this Ottoman sultan who won a decisive victory against the Hungarians at the Battle of Mohacs in 1526, and who was the son of Selim I.

ANSWER: **Suleiman I** [or **Suleiman the Magnificent**; or **Suleiman the Lawgiver**; or **Suleiman Muhtesem**; or **Suleiman Kanuni**]

030-10-14-04109

10. Two smugglers in this opera, Dancairo and Remendado, help a character escape from a tavern to a mountain. That character in this opera had earlier taken a cassia flower thrown at him by the title character, despite being in a relationship with Micaela. The character Escamillo (ess-com-EE-lo) sings the "Toreador Song" in this opera, while the title character sings an aria to a habanera. For 10 points, name this opera in which the jealous soldier Don José kills a cigarette girl who loves a bullfighter, an opera by Georges Bizet.

ANSWER: **Carmen**

023-10-14-04110

11. This man wrote about a hedonist who tried to "resuscitate the dead art/Of poetry" in *Hugh Selwyn Mauberly*. His other works include the collection *Cathay* and the two-line poem "In A Station of the Metro." He translated a poem by a Chinese poet who allegedly drowned while trying to embrace the moon. For 10 points, name this expatriate poet who translated Li Po's "The River Merchant's Wife" and never finished his long poem *The Cantos*.

ANSWER: Ezra **Pound**

032-10-14-04111

12. The way that this phenomenon adjusts to an applied magnetic field in uneven bursts is described by the Barkhausen effect. A hysteresis loop causes this effect to remain after the removal of the magnetic field. This phenomenon occurs because an external magnetic field causes the magnetic domains of a material to become aligned, though that effect breaks down above the Curie temperature as the material reverts to being paramagnetic. For 10 points, name this kind of magnetism found in materials like cobalt, nickel, and iron, its namesake.

ANSWER: **ferromagnetism**

028-10-14-04112

13. One invasion under this ruler led to the death by beating of Cornelis and Johan de Witt before the treaty of Nijmegen ended the Dutch War. That war led to the ascension to power of this man's longtime enemy, William III. Charles II's granting of Spain to this ruler's grandson sparked the War of the Spanish Succession. This man revoked the rights given to Protestants in his country by Henry IV in the Edict of Nantes in his own Edict of Fontainebleau. For 10 points, name this French monarch, whose long rule led to his being named the Sun King.

ANSWER: **Louis XIV** [accept **Sun King** before read; prompt on **Louis**]

023-10-14-04113

14. The title character of one of this man's plays uses the Turkish king Bajazeth as a footstool. The narrator of one of this man's poems promises things such as "buckles of the purest gold" after urging the title character to "Come live with me and be my love." This author of *Tamburlaine* and "The Passionate Shepherd to his Love" also wrote a play in which Barabas dies in a cauldron. This author also penned a "tragical history" that adapts of the Faust legend. For 10 points, name this Elizabethan playwright of *The Jew of Malta* and *Doctor Faustus*.

ANSWER: Christopher **Marlowe**

015-10-14-04114

15. In one film appearance, this character follows a man to the Filet of Soul restaurant, where he meets Mr. Big. In another appearance, this character fights with Red Grant on the Orient Express. In a later film, he defeats Le Chiffre [SHEEF] in a game of Texas Hold Em. For 10 points, name this main character of *From Russia With Love*, *Live and Let Die*, and *Casino Royale*.

ANSWER: James **Bond**

003-10-14-04115

16. This man died in a helicopter crash in 1977 after covering brushfires in Southern California. This man grew up in Pound, Virginia. After graduating from Milligan College, this man joined the Air Force in 1960. This man was trained in dropping atomic bombs, but received later training from the CIA in piloting top-secret, high-altitude planes used to photograph enemy installations. For 10 points, who was shot down over the Soviet Union in May 1960 while flying his U-2?

ANSWER: Francis Gary **Powers**

045-10-14-04116

17. This poet asked "Who breaks a butterfly upon a wheel?" in a poem defending his use of satire. This author wrote a poem in which the goddess Dulness crowns Colley Cibber as the King of Dunces. This author of "Epistle to Dr. Arbuthnot" wrote "A little learning is a dangerous thing" and "fools rush in where angels fear to tread" in his *An Essay on Criticism*. For 10 points, name this seventeenth-century British poet of *The Dunciad* and *The Rape of the Lock*.

ANSWER: Alexander **Pope**

004-10-14-04117

18. One of this poet's poems states "They shut me up in Prose." Another of this author's poems describes "a certain slant of light on winter afternoons." This poet also wrote a poem about a "narrow Fellow in the Grass," which was one of the few works she published during her lifetime. The speaker of one of her poems "heard a fly buzz when [she] died." The speaker of another work by this poet rides in a carriage with the titular figure and immortality. For 10 points, name this poet who wrote "Because I could not stop for Death," a woman known as the "bard of Amherst."

ANSWER: Emily Elizabeth **Dickinson**

024-10-14-04118

19. This philosopher divided his first major work into sections examining passions, morals and understanding, and titled it *A Treatise of Human Nature*. In another work, he investigates the possibility of singular events contradicting laws of nature in a section title "Of Miracles," a work that Kant credited as waking him from his "dogmatic slumber." The author of *An Enquiry Concerning Human Understanding*, for 10 points, name this Scottish empiricist philosopher.

ANSWER: David **Hume**

049-10-14-04119

20. One result named for this man erroneously holds for Carmichael numbers and claims that " a to the p is equivalent to $a \pmod p$." This man names a type of prime number of the form " $2^{2^n} + 1$." The most famous result named for this man was proved using the Taniyama-Shimura Conjecture by Andrew Wiles in 1995; that theorem says that "for n greater than two" the equation " $a^n + b^n = c^n$ " has no integer solutions. For 10 points, name this French mathematician, the namesake of a "little theorem" and a "last theorem."

ANSWER: Pierre de **Fermat**

028-10-14-04120

1. One war saw this country's forces commanded by the Duke of Caxias (CAH-she-us). This country's independence was achieved after the "Fico Speech" and the "Cry of Ipiranga" (EE-pih-RAN-guh) by its first emperor. Slavery was gradually abolished in this country; first by the Law of the Free Womb and then by the Golden Law. This country was first discovered by Pedro Cabral. Emperors of this country included Pedro I and Pedro II. For 10 points, name this country colonized by Portugal in South America.

ANSWER: Federative Republic of **Brazil** [or Republica Federativa do **Brasil**]

026-10-14-04121

2. In 1920 Fritz Haber began a secret project to extract this element from seawater, after learning of Arrhenius's calculation that there must be eight million tons of it in the oceans. The pure form of this element is the most ductile and most malleable metal. Like platinum, it is most commonly dissolved using aqua regia (AH-kwuh REE-jee-uh). The amount of this metal in an alloy is expressed using units of karats. For 10 points, name this metal, into which alchemists attempted to convert lead.

ANSWER: **gold** [or **Au**]

003-10-14-04122

3. This man established a colony at Amphipolis (am-PHI-poh-liss), and he attempted to call a Panhellenic congress in 448 BCE. This man was an opponent of the Areopagus, and he became a prominent figure by prosecuting Cimon. This man destroyed Euboea in 446 BCE after it revolted against the Delian League, and he oversaw a 445 truce between Sparta and his city that allowed for a flourishing of the arts. For 10 points, name this Athenian statesman of that city's Golden Age.

ANSWER: **Pericles**

030-10-14-04123

4. The narrator of this author's most famous work discovers that Albertine Simonet was a lesbian after her death. That work by this author has volumes such as *Sodom and Gomorrah* and *Within a Budding Grove*, and opens with memories brought on by the consumption of a tea-soaked madeleine. For 10 points, name this French author who discussed the narrator's childhood memories in the section *Swann's Way* of his monumental work *In Search of Lost Time*.

ANSWER: Valentin Louis Georges Eugène Marcel **Proust**

034-10-14-04124

5. Confederate forces withdrew to Corinth after this battle. This battle's second day saw the Union side reinforced with the troops of Don Carlos Buell's Army of the Ohio. The main Confederate force at this battle had recently been named the Army of the Mississippi. That army at this battle lost many troops fighting in a dense bunch of oak trees nicknamed the "hornet's nest." General Albert Sydney Johnston died during this battle. This battle was fought near Pittsburg Landing. For 10 points, name this Civil War battle fought on April sixth and seventh, 1862, in Tennessee.

ANSWER: Battle of **Shiloh** [or Battle of **Pittsburg Landing** before mentioned]

004-10-14-04125

6. Amacrine (AM-uh-krin) cells in this structure regulate nervous input to ganglion ("GANG"-lee-on) cells, and this structure's namesake pigmentosa (PIG-men-TOE-suh) causes tunnel vision and night blindness. This seven-layered structure has a sensitive fovea (FO-vee-uh) in its macular (MACK-you-lur) region. This structure contains photoreceptor (FO-toe-ree-SEP-tur) cells like rods and cones, and it converts light to nervous signals sent through the optic nerve. For 10 points, name this structure that lies along the back of the eye.

ANSWER: **retina**

032-10-14-04126

7. This author wrote about the policeman Centuri in his work featuring Fronza and Signora Frola. Another work of this author contains a character who wears scissors on her chain and another character who finds a little girl in a fountain. This author of *Right You Are, (If You Think You Are!)* and *Mixing It Up* used the latter play in his work that features Madame Pace, The Mother, The Father, The Stepdaughter, and The Son. For 10 points, name this Italian author who wrote *Six Characters in Search of an Author*.

ANSWER: Luigi **Pirandello**

033-10-14-04127

8. Major theories in this discipline include structural functionalism and symbolic interactionism. This discipline studies mores [mor-ays] and folkways, and an early thinker in this discipline developed the concept of anomie. A classic study in this field analyzed the way Calvinism led to the development of the modern economic system, and is titled *The Protestant Ethic and the Spirit of Capitalism*. For 10 points, name this social science whose classic thinkers include Emile Durkheim and Max Weber, the study of human society.

ANSWER: **sociology**

004-10-14-04128

9. The free electron model analyzes the valence electrons of a metal as though they behaved like one of these entities. Substances tend to behave more like these as temperature increases and particle number decreases, thereby decreasing the relative size of intermolecular (IN-ter-mo-LECK-you-lur) forces. For 10 points, name these substances, whose namesake equation of state is often given as $PV = nRT$.

ANSWER: **ideal gas** [prompt on **gas**]

022-10-14-04129

10. One figure from the myth of these peoples was a god of thunder and lightning Illapa, who originated from the province of Collasuyu, while Apus were said to be the spirits of mountains. Their legendary founder emerged from the cave Puma Orco, after which he was instructed to build a temple to their sun god Inti. That man, Manco Capac, was sometimes also said to be the direct descendant of Viracocha, while another story says that he instead emerged from the waters of Lake Titicaca. For ten points, name this people indigenous to South America whose capital was Cuzco.

ANSWER: **Inca**

040-10-14-04130

1. Name these figures from the Roman Republic.

[5] This man ended the Roman Republic by being declared Dictator for Life after conquering Gaul. Some people disliked this and stabbed him to death.

ANSWER: Gaius **Julius Caesar**

[10] The people who stabbed Caesar included this friend of his. According to legend, Caesar's last words were addressed to this man, whose name has become a synonym for traitor.

ANSWER: Marcus Junius **Brutus**

[15] This man was defeated while leading an army against Antony during a phase of the Battle of Philippi. Said by Shakespeare to have a "lean and hungry look," he was a leader, with Brutus, of the anti-Caesar conspiracy.

ANSWER: Gaius **Cassius** Longinus

[20] A generation before Caesar, this man served as Consul seven times, which was technically illegal. He is best known for completely reforming the Roman military and for his rivalry with Lucius Cornelius Sulla.

ANSWER: Gaius **Marius**

021-10-14-04101

2. The chief exponent of this musical style referred to it as "syncopated music."

[5] Identify this form of American music, popular in the early twentieth century, which involved complex rhythmic arrangements, usually on the piano, and was used for such pieces as "Bethena" and "The Easy Winners."

ANSWER: **ragtime**

[10] This composer of piano pieces such as the "Maple Leaf Rag" was the leading figure of ragtime music.

ANSWER: Scott **Joplin**

[15] This Scott Joplin piece became a surprise hit in 1974, decades after the composer's death, when it was used to set the time of the movie *The Sting*.

ANSWER: "The **Entertainer**"

[20] An orphan in Texarkana fends off some charlatan magicians, who want to sell a bag of luck to her adopted parents, in this fusion of ragtime and opera by Scott Joplin.

ANSWER: **Treemonisha**

004-10-14-04102

3. Identify these Russian authors.

[5] This author wrote a story about a lawyer who spends fifteen years in solitary confinement due to a bet. This man's plays include *The Cherry Orchard* and *Uncle Vanya*.

ANSWER: Anton Pavlovich **Chekhov**

[10] This author wrote "Raspberry Water" in a collection about the tough life of serfs, *A Sportsman's Sketches*. He also wrote about the nihilist Bazarov in his *Fathers and Sons*.

ANSWER: Ivan Sergeyevich **Turgenev**

[15] This socialist author based his play *Summerfolk* on Chekhov's bourgeois life, and he wrote about several impoverished inhabitants of a shelter in his *The Lower Depths*.

ANSWER: Maxim **Gorky** [or Aleksey Maksimovich **Peshkov**]

[20] This Russian Jewish author fictionalized his participation in the 1919 Russian invasion of Poland in the *Red Cavalry* stories and created the gangster Benya Krik.

ANSWER: Isaac **Babel**

020-10-14-04103

4. This process, when it occurs through a circular aperture, creates a pattern known as an Airy disk.

[5] Name this process, which in some cases is modeled by Fresnel integrals, in which light bends around obstacles.

ANSWER: **diffraction**

[10] A principle useful to understanding wave propagation, particularly in the case of diffraction, is this one, which states that every point on a wavefront serves as an origin for another wave.

ANSWER: **Huygens**-Fresnel principle

[15] Young performed a diffraction experiment using two of these, which produced elaborate patterns.

Diffraction patterns through only one of these tend to be far simpler.

ANSWER: **slits**

[20] This type of diffraction that occurs at far-field results in a change of the size of aperture image observed and relies on the parallel ray approximation that is used when the Fresnel (fruh NELL) number is less than one.

ANSWER: **Fraunhofer** diffraction

022-10-14-04104

JUMPING
Scandinavia
The Letter C
The Letter D

JUMPING

[10] Name the American strategy of jumping from location to location in the Pacific theater of World War II that avoided certain Japanese strongholds in favor of moving forward.

ANSWER: **island hopping** [or **leapfrogging**]

[10] What civilization that fought against Horatius until he jumped into the Tiber River ruled over Rome and northern Italy before the establishment of the Roman Republic?

ANSWER: **Etruscans**

[10] Name the author of *The Celebrated Jumping Frog of Calaveras County* who also wrote about Hank Morgan in *A Connecticut Yankee in King Arthur's Court*.

ANSWER: Mark **Twain** [or Samuel Langhorne **Clemens**]

[10] What Richard Adams novel concerns the rabbits Fiver and Hazel hopping to a new home at the title location?

ANSWER: ***Watership Down***

[10] Name the scientist who won a Nobel Prize for her discovery in maize of jumping genes, or transposons.

ANSWER: Barbara **McClintock**

[10] Name the location that pole vaulters try to keep as low as possible while airborne, which can end up passing below the bar on a successful vault.

ANSWER: **center of mass** [or **mass center**]

[10] What American painter depicted a boy diving into water in *The Swimming Hole* as well as creating *Max Schmitt in a Single Scull* and *The Gross Clinic*?

ANSWER: Thomas Cowperthwait **Eakins**

[10] Name the Danish philosopher who authored *Either/Or* and whose created concepts included the knight of faith and the leap of faith.

ANSWER: Soren Aabye **Kierkegaard**

[10] The documentary *The Bridge* covers the 24 suicides at this San Francisco landmark during the year 2004.

ANSWER: **Golden Gate** Bridge

[10] What band had a hit song with *Jumpin' Jack Flash* and included musicians Keith Richards and Mick Jagger?

ANSWER: The **Rolling Stones**

023-10-14-0410-3

Scandinavia

[10] In an epic poem, this hero comes to the aid of hapless Hrothgar, the king of the Danes, by killing Grendel.

ANSWER: **Beowulf**

[10] This Swedish playwright about the relationship between the footman Jean and the title woman in *Miss Julie*.

ANSWER: August **Strindberg**

[10] This Swedish chemist invented dynamite, but more notably gives his name to a series of international awards for things like chemistry and literature.

ANSWER: Alfred **Nobel**

[10] This Swedish botanist and zoologist is considered the “father of modern taxonomy” after publishing the book *Systema Naturae*.

ANSWER: Carl **Linnaeus**

[10] This Viking founded a settlement at Greenland. Noted for his hair color, his son was Leif Ericson.

ANSWER: **Erik the Red**

[10] A Russian czar with this name invaded Finland during the Finnish War. Another czar with this name was assassinated by the People’s Will.

ANSWER: **Alexander**

[10] This Swedish film director crafted such arty films as *Wild Strawberries* and *The Seventh Seal*.

ANSWER: Ingmar **Bergman**

[10] This cheery Norse god was killed by mistletoe, all part of an elaborate scheme by Loki that got him chained to a rock where poison dripped on him.

ANSWER: **Balder**

[10] This Swedish group inspired the musical *Mamma Mia!* with songs like “Dancing Queen.”

ANSWER: **ABBA**

[10] This capital of Iceland is called the “nightlife capital of the north” due to its number of swinging clubs.

ANSWER: **Reykjavik**

052-10-14-0410-3

The Letter C

[10] This Czech playwright popularized the term robot with his play *RUR*.

ANSWER: Karel **Capek**

[10] This Comedy Central talk show includes recurring segments like “Tip of the Hat, Wag of the Finger” and “The Word” and follows *The Daily Show*.

ANSWER: *The* **Colbert Report**

[10] This country experienced a civil war known as La Violencia and was home to a drug cartel run by Pablo Escobar and centered at Medellin.

ANSWER: **Colombia**

[10] The Leyden jar was an early example of this electrical component which stores energy in an electric field.

ANSWER: **Capacitor**

[10] This goddess of grain and fertility was the Roman counterpart to the Greek goddess Demeter.

ANSWER: **Ceres**

[10] This Spanish author wrote about Sancho Panza and Dulcinea in his novel *Don Quixote*.

ANSWER: Miguel de **Cervantes**

[10] This Spanish conquistador explored the Colorado River while looking for the Seven Cities of Gold.

ANSWER: Francisco Vasquez de **Coronado** y Lujan

[10] This impressionist painter painted many views of Mt. Saint Victoire as well as *The Cardplayers* and *The Bathers*.

ANSWER: Paul **Cezanne**

[10] This Romanian mountain range begins in Slovakia near the Danube.

ANSWER: **Carpathian** Mountains

[10] This is the SI unit of luminous intensity.

ANSWER: **Candela**

015-10-14-0410-3

The Letter D

[10] This man founded the newspaper *The North Star* after escaping from slavery in Maryland.

ANSWER: Frederick **Douglass**

[10] This is the name often given to the foreign policy initiative of William Taft to shore up Central American power by guaranteeing loans there.

ANSWER: **Dollar Diplomacy**

[10] This part of a neuron branches off from the axon and conduct electrochemical stimuli.

ANSWER: **Dendrites**

[10] This is the isotope of hydrogen whose nucleus contains one neutron and one proton.

ANSWER: **Deuterium**

[10] This artist of readymades like *Fountain* raised controversy with his painting *Nude Descending a Staircase*.

ANSWER: Marcel **Duchamp**

[10] This American author included *1919* and *The Big Money* in his *USA Trilogy*.

ANSWER: John **Dos Passos**

[10] This Russian author of *The Idiot* wrote about the murderous Raskolnikov in the novel *Crime and Punishment*

ANSWER: Fyodor **Dostoyevsky**

[10] This four sided top with Hebrew lettering is often spun during the Jewish holiday of Hanukah.

ANSWER: **Dreidel**

[10] This Canadian rapper is part of Lil Wayne's Young Money Entertainment and found success in the US with the song "Best I Ever Had."

ANSWER: **Drake** [or Aubrey Drake **Graham**]

[10] This US city is home to an arts district called Deep Ellum and is often grouped with its neighbor Fort-Worth.

ANSWER: **Dallas**

015-10-14-0410-3

1. This man painted a gambler reaching into his back pocket to pull out a club card in his *The Cardsharps*. Jesus's arm is outstretched while dining with three other men in this painter's *The Supper at Emmaus*. This painter used chiaroscuro (CARE-uss-CORE-oh) to depict a man named Levi at a table with four other men collecting taxes while St. Peter and Jesus enter. For 20 points, name this Italian painter of *The Calling of Saint Matthew*.

ANSWER: Caravaggio [or Michelangelo Merisi]

027-10-14-04101

2. Mr. Quinlan is present when the title character of this novel meets a man that eventually moves to Australia with Little Em'ly. Betsey Trotwood is the aunt of this novel's protagonist, who used to love Dora Spenlow. Another character in this novel ends up praising prison after being exposed by Mr. Micawber. The mother of this novel's title character marries the abusive Edward Murdstone. For 20 points, name this British novel whose title character marries Agnes Wickfield and clashes with Uriah Heep.

ANSWER: David Copperfield [or *The Personal History, Adventures, Experience and Observation of David Copperfield the Younger of Blunderstone Rookery (which he never meant to publish on any account)*]

033-10-14-04102

3. This thinker argued against the liberal policies of Gladstone in *The Man Versus the State*. This thinker conceived of society as a living organism in his *Principles of Sociology*. This man posited the development of societies from military to complex and industrial and outlined "individuation" in *Social Statics*, which also introduced this man's interpretation of natural selection. For 20 points, name this British thinker who coined the term "survival of the fittest" and developed Social Darwinism.

ANSWER: Herbert Spencer

005-10-14-04103

4. This man was stripped of his offices when it was revealed that he attempted to negotiate a peace with the Swedish Count Folke Bernadotte. This man orchestrated an attempted assassination on Albert Speer in February 1944, and he masterminded the purge of the SA in 1934. His ordering of the deportation of 8,000 Jews in January 1943 sparked the Warsaw Ghetto uprising, and this man established Nazi Germany's first concentration camp at Dachau. For 20 points, name this Nazi leader who headed the SS.

ANSWER: Heinrich Himmler

030-10-14-04104

5. This object is not present in a series of models dubbed "Technicolor." One theory on how to produce one of these objects is based on gluons decaying into a top quark and its antiparticle, then fusing. Another theory on how they form involves the fusion of certain "W" and "Z" particles. The Standard Model predicts the existence of this particle, while confirmation of its existence will hopefully be supplied by experiments in the Large Hadron Collider. For 20 points, name this "God Particle" that is a boson named for a scientist.

ANSWER: Higgs Boson

033-10-14-04105

6. The book named for this man includes the statement that "Assyria [is] the rod of my anger," referring to Tiglath-Pileser III's invasion. Along with Micah, he discussed how nations will beat their swords into plowshares and not take up arms against each other. The Septuagint translation of his prophesy claims that a virgin will "conceive and bear a son" who was called Immanuel. For 20 points, name this prophet who warned Israel that its immorality would lead to an invasion, whose namesake book is found between the *Song of Songs* and *Jeremiah*.

ANSWER: **Isaiah** [or **Isaias**; or **Yesha'yahu**]

027-10-14-04106

7. In one of this author's novels, Mariam and Laila form a close bond because of the brutal abuse delivered by their husband Rasheed. In another of this author's novels, Assef rapes Hassan on the day that Amir wins a local tournament in Kabul. This author's two major novels are set in his home country, Afghanistan. For 20 points, name this author of *A Thousand Splendid Suns* and *The Kite Runner*.

ANSWER: Khaled **Hosseini**

004-10-14-04107

8. These features together form a structure that sits above the calyx (KAY-lix). The term merosity (muh-ROSS-it-ee) refers to how many of these structures a plant has. Monocots have a multiple of three of these structures. Where one might expect these structures in asters, many "ray florets" are exhibited, which are merely flowers with a single one of these. The tepals differentiate into sepals and these structures. For 20 points, give this component of a flower.

ANSWER: **petals**

022-10-14-04108

9. In Maurice Maeterlinck's *The Blue Bird*, Tytyl (TILL-till) receives a hat containing a magic one of these items that reveals the true world when it is turned. In *The Count of Monte-Cristo*, Edmond Dantes ruins Caderousse by giving one of these items as a gift. Miladay de Winter steals two of these items in *The Three Musketeers*. John Unger finds out that Percy Washington's family lives on top of one of these items in another story. For 20 points, identify this gemstone which is "as big as the Ritz" in an F. Scott Fitzgerald short story.

ANSWER: **diamonds**

019-10-14-04109

10. A "wild" one is one that has not been given a specific value. Its functionality can be duplicated with a one-dimensional array. When one is "double indirect," it means there are two of these before the actual data can be found. They are crucial in the creation of linked lists. Arithmetic with them involves moving up and down a number of bytes depending on the data type being referenced. For 20 points, name this type of variable whose value is a memory address.

ANSWER: **pointer** variable

047-10-14-04110

11. One ruler of this dynasty fell to his death down several steps in his library and had reclaimed his empire from the usurper Sher Shah Suri. The golden age of this dynasty occurred under an illiterate king whose court included the "Nine Jewels," including Birbal. The jizya tax for non-Muslims was reinstated by this dynasty's emperor Aurangzeb (ore-ANG-zehb), the son of a ruler who erected a public monument for his wife Mumtaz. This empire was founded by the Afghani ruler Babur and ruled by Shah Jahan and Akbar. For 20 points, name this late-medieval Islamic empire in India.

ANSWER: **Mughal** Empire

020-10-14-04111

12. The exploits of one of this empire's rulers was detailed in the Black Obelisk. One of its leaders, Esar-Haddon, oversaw the conquest of Egypt, and that man murdered his brother Sennacherib (SEN-uh-CHAIR-ihb). A library of over 22,000 tablets was assembled by one of its rulers, Assurbanipal, and Sargon established a dynasty of this empire. For 20 points, name this ancient empire of the Middle East, with capital at Nineveh.

ANSWER: Assyrian empire

030-10-14-04112

1. In C++, the keyword "this" is a pointer stored in a data structure of this type. An overflow for named this type of data structure if the "call" one has its memory overused. The elements of it can be pushed and pop, and they operate under the "last in, first out" paradigm. For 10 points, name this "vertical" counterpart to the queue.

ANSWER: **stack**

033-10-14-04131

2. This composer used strings to accompany the words of Jesus, creating a so-called "halo" effect, in his setting of the sufferings of Christ. This composer wrote fifteen Two-Part Inventions for his pupils, as well as choral works such as the *St. Matthew Passion*. Glenn Gould specialized in playing works of this composer, such as *The Art of the Fugue* [FYOOG] and the *Goldberg Variations*. For 10 points, name this eighteenth-century German composer of *The Well-Tempered Clavier* [kluh-VEER] and the *Brandenburg Concertos*.

ANSWER: **Johann Sebastian Bach** [prompt on **Bach**; prompt on **Johann Bach**]

004-10-14-04132

3. The Papagayo (PAH-pah-GYE-oh) and Tehuano (tay-HWAN-oh) types of this phenomenon are crucial to Central American ecosystems. This phenomenon is measured using the Beaufort Scale. Energy can be harvested from this phenomenon using namesake turbines. A drop in temperature in the presence of this phenomenon is its namesake "chill." For 10 points, name this movement of air from high pressure to low pressure.

ANSWER: **wind**

003-10-14-04133