

1. This battle included the sinking of the *Indefatigable* and *Queen Mary*. This battle is also known as the Battle of the Skagerrak (SKAH-gur-ak). One of the commanders at this battle was David Beatty. Beatty, along with John Jellicoe, faced the forces Germany's Reinhard Scheer, and this battle allowed the British to keep control of the North Sea. For 10 points, name this principal naval battle of World War I.

ANSWER: **Jutland** [or **Skagerrak** before mentioned]

030-10-14-02101

2. This man's claim to succession was put above the rightful claim of Britannicus. This man was tutored by the philosopher Seneca. This man attempted to build a palace called the Golden House, which was to cover a third of Rome, and he was the target of Piso's Conspiracy. This man was the successor to Claudius, and this man had his mother Agrippina murdered. For 10 points, name this Roman emperor under whose rule Rome burned in 64 CE.

ANSWER: **Nero** Claudius Caesar Augustus Germanicus

030-10-14-02102

3. This writer compared the canals of Amsterdam to the circles of Hell in a novel about the Parisian defense lawyer Clamence. Besides writing *The Fall*, this author also wrote of Bernard Rieux working in the quarantined city of Oran during an epidemic. In another work by this author, Raymond is wounded with a knife, leading Mersault to shoot an Arab. For 10 points, name this French existentialist author of *The Plague* and *The Stranger*.

ANSWER: Albert **Camus**

036-10-14-02103

4. The chloride of this element is used in Friedel-Crafts reactions. The first method of inexpensively purifying this element was discovered independently by Charles Hall and Paul Heroult (huh-ROO). Later, Karl Bayer developed a method to extract this metal directly from its chief ore, bauxite (BOX-ite). It is the only element along the Zintl (ZIN-tull) line that is not considered a semimetal. For 10 points, name this most common metal in the Earth's crust, whose light weight makes it ideal for use in foil and cans.

ANSWER: **aluminum** [or **Al**; or **aluminium**]

003-10-14-02104

5. This thinker's work was extended to form the Meyers-Briggs personality test. This man coined the terms "introvert" and "extrovert". In *Psychological Types*, this man posited the existence of the male animus and female anima forms of archetypes. For 10 points, name this German psychologist who broke with his teacher Freud and theorized that all humans share a collective unconscious.

ANSWER: Carl Gustav **Jung**

005-10-14-02105

6. The Ripon Falls are a natural outlet of this lake, and the Kendu and Homa Bays lie in its Winam Gulf. Near the city of Jinja, the Owen Falls Dam, which creates the Nalubaale Power Station, regulates the primary outflow of this lake. Ukerewe Island is the largest island in this body of water, which also contains the Ssesse Islands. The cities of Entebbe and Kampala lie on this lake, and it is the source of the White Nile. For 10 points, name this lake bordered by Kenya, Tanzania and Uganda, which is the largest lake in Africa.

ANSWER: Lake **Victoria** [prompt on **White Nile** until "lake"]

035-10-14-02106

7. A short work by this man features its protagonist gorging on fruit with his lover Brenda and is called "Goodbye Columbus." This man's most famous novel is narrated by its protagonist to his therapist and includes stories about a woman he calls "the Monkey" and his tortured relationship with his mother, Sophie. For 10 points, name this Jewish American author of novels about Coleman Silk, as well as *Portnoy's Complaint*.

ANSWER: Philip **Roth**

032-10-14-02107

8. A method of solving systems of linear equations in matrix form is known as this man's namesake "elimination," and that method was extended for putting a matrix into reduced row echelon form by Jordan. Another object named for this man follows the curve "e to the quantity negative x squared over two, all over the square root of two pi." All distributions of repeated events converge to a form of that distribution according to the Central Limit Theorem, so it is also referred to as the Normal Distribution. For 10 points, name this German who also names two of Maxwell's equations.

ANSWER: Carl Friedrich **Gauss**

028-10-14-02108

9. Harriet Robinson's case was merged with this case. Dissents in this case were written by Benjamin Curtis and John McLean. The original defendant in this case was John Emerson, who was sued after a journey from Missouri to Wisconsin. The decision in this case ruled the Missouri Compromise unconstitutional. For 10 points, name this 1857 Supreme Court decision written by Chief Justice Roger Taney, which asserted that African-Americans lack the rights of citizenship.

ANSWER: *Dred **Scott** v. John F.A. Sanford* [or *Dred Scott v. John F.A. **Sanford***; or *Dred **Scott** case*]

038-10-14-02109

10. One type of this construct transfers data on both the rising and falling edges of the clock signal and is known as the "double data rate" variety of this. One of the two most basic varieties of this item stores bits as the states of flip-flops while the other variety stores each bit in a unique capacitor. Coming in static and dynamic varieties, for 10 points, identify this volatile type of memory used for temporary data storage, often contrasted with read-only memory.

ANSWER: **RAM** [or **random-access memory**; prompt on **memory**; accept **DRAM** or **dynamic random-access memory** until "flip-flops" is read]

029-10-14-02110

11. One portion of this composition's final movement is a 6/8 march that includes a setting of the words "Froh, wie seine Sonnen fliegen." That fourth movement is a theme and variations, that has vocalists singing text written by Friedrich Schiller. This was the first symphony to use a chorus, which sings "Ode to Joy." For 10 points, name this last symphony written by Ludwig van Beethoven.

ANSWER: **Symphony** No. **9** by Ludwig van **Beethoven** [or **Choral** Symphony; or **Beethoven's Ninth**; or Symphony No. **9** after "Beethoven"]

032-10-14-02111

12. One episode of this work sees a man shoot a baby water buffalo to shreds after the death of his close friend. One soldier featured in this book wears a pair of his girlfriend's pantyhose around his neck for good luck. Items in the title category include rifles, rations, guilt, and fear. For 10 points, name this book about a group of soldiers fighting in the Vietnam War, a work of Tim O'Brien titled for the objects the soldiers had with them.

ANSWER: *The **Things They Carried***

032-10-14-02112

13. This poet described Nature as "red in tooth and claw" in an elegy written for Arthur Henry Hallam. This author wrote "I hope to see my Pilot face to face" in a poem that represents the journey of the soul after death with the image of a sailor "crossing the bar." This author of Idylls of the King commemorated a tragic charge at the Battle of Balaclava with the lines "half a league, half a league / half a league onward / all in the valley of death / rode the six hundred." For 10 points, name this Victorian poet of "The Charge of the Light Brigade."

ANSWER: Alfred, Lord **Tennyson**

004-10-14-02113

14. After threatening to abdicate, this ruler divided his territory into the zemshchina and a portion administered directly by him. This man created a guard for that portion which terrorized the country, the oprichniki. This man also called the first of his country's assemblies of the land, or zemsky sobors. This ruler accidentally killed his heir in a fit of rage. This man was the first to be given the title of tsar. For 10 points, name this ruler of Russia most famous for his torture and killing of many boyars.

ANSWER: **Ivan IV** of Russia [or **Ivan the Terrible**; or **Ivan Grozny**; or **Ivan the Awesome** and equivalents]

023-10-14-02114

15. Toxicity of this substance can result in Minamata disease or acrodynia, which is also called "pink disease." The ore of this metal is a birefringent mineral called cinnabar. Common uses for this element include cathode formation to produce chlorine and in liquid mirror scopes, although it is decreasingly used in thermometers. For 10 points, name this element, a metal that is liquid at room temperature, symbolized Hg.

ANSWER: **mercury** [or **Hg** before it is read]

032-10-14-02115

16. This man's friends include the socialist Seneca Doane and a group known as "the Bunch." This character travels to Maine with his best friend Paul Riesling. This man encourages his son Ted to elope with Eunice Littlefield after his wife Myra falls ill. This character who has an affair with Tanis Judique slips back into a life of conformity and conservatism at the end of the work in which he appears. He is a resident of the fictional locale of Zenith, Winnemac. For 10 points, name this titular real estate salesman of a novel by Sinclair Lewis.

ANSWER: George Folansbee **Babbitt**

025-10-14-02116

17. One of these devices named for Persoz can measure a sample's hardness. The double type of this object is a classic example of chaotic behavior. A useful approximation when working with these objects involves assuming that "sin theta equals theta." These objects have period approximately equal to "two pi times the square root of quantity length over gravitational acceleration." These devices exhibit simple harmonic motion, and one of these was used to show the rotation of the earth by Leon Foucault. For 10 points, name these devices consisting of a weight suspended from a pivot.

ANSWER: **pendulums**

028-10-14-02117

18. He dedicated his violin concerto to the virtuoso Joseph Joachim, [YOCK-eem] and Hans von Bulow criticized that work as being written "against the violin." This man composed variations on themes by both Handel and Haydn. He wrote a setting of the mass for the dead using text from the Lutheran Bible. This man wrote a work quoting school songs and commemorating his reception of a degree from the University of Breslau. [BREZ-laoow] For 10 points, this is what composer of pieces like the *German Requiem*, *Academic Festival Overture*, and a lullaby?

ANSWER: Johannes **Brahms**

032-10-14-02118

19. In this opera's second act, two armored men talk to the main character before he must face a test of fire and water. In this opera, the Moor Monostatos leads characters to the Temple after changing from the side of Sarastro, a priest of Isis and Osiris. The main character of this opera wakes up to see the feather-covered Papageno coming toward him, and those two characters are enlisted to save the Queen of the Night's daughter, Pamina. For 10 points, name this work in which Tamino is given the titular instrument, an opera composed by Mozart.

ANSWER: *The Magic Flute* [or *Die Zauberflöte*]

023-10-14-02119

20. Vitamin B12 or folate deficiency lead to the megaloblastic (MAY-guh-lo-BLAST-ic) type of this disease. Some genetic diseases cause overactivity of the spleen and so lead to this disorder. Misshapen red blood cells lead one variety of this disorder, and low iron intake leads to its most common definition. For 10 points, name this illness, generally defined as a decrease in levels of hemoglobin or of red blood cells.

ANSWER: **anemia**

032-10-14-02120

1. This poem imagines reeling shadows of "indignant desert birds." This poem begins by describing "the widening gyre" created by the "turning and turning" in flight of a falcon that "cannot hear the falconer." One line of this poem notes "the best lack all conviction, while the worst are full of passionate intensity." This poem also describes a "rough beast" that "slouches towards Bethlehem to be born." For 10 points, name this poem that claims "things fall apart," which was written by William Butler Yeats and titled after a Biblical apocalyptic event.

ANSWER: "The **Second Coming**"

033-10-14-02121

2. In one song, this band says that "We would shout and swim about the coral that lies beneath the waves," if they were at the titular location. A folk song by this band sees the title character lose a shootout with Dan. Another song by this band laments a preacher "writing the words of a sermon that no one will hear," and asks where all the lonely people come from. A guitarist for this band wrote a song that repeatedly states, "I don't want to leave her now." For 10 points, name this band originally from Liverpool, England, that sang "Rocky Raccoon," "Eleanor Rigby," and "Something."

ANSWER: The **Beatles**

002-10-14-02122

3. In one story by this author, Malandain accuses Hauchecorne of stealing a pocketbook. This author created George du Roy in *Bel-Ami* and wrote of Rachel the Jewess killing a cruel German major in his story "Mademoiselle Fifi." He also wrote a story in which a group of travelers in a stagecoach forces a prostitute to sleep with a Prussian officer. Mathilde Loisel works for years to pay for the loss of a jewel that turned out to be fake in another of his stories. For 10 points, name this author of "Ball of Fat" and "The Necklace."

ANSWER: Henry René Albert Guy de **Maupassant**

034-10-14-02123

4. Famous scientists who studied this phenomenon include Allen Pearson, who co-names the scale used to measure it. This phenomenon is divided into "wedge" and "stovepipe" varieties. This weather phenomenon leaves a so-called "hook echo" on radar and is associated with rear flank downdrafts in a supercell thunderstorm. It is measured on the Fujita Scale from 1 to 5. This phenomenon is common in an area called its "alley," which includes the Great Plains and Midwest. For 10 points, name this weather phenomenon that produces high winds and a funnel cloud.

ANSWER: **tornado** [or **twister**]

021-10-14-02124

5. One component of these laws introduced French civil law and toleration of Catholics to a certain region. Another of these laws installed Thomas Gage as military governor, revoking the colonial charter of Massachusetts. Other laws in this group required the quartering of troops in private homes and closed the port of Boston until payment was received for destroyed tea. For 10 points, name this set of four laws that were issued by the British cabinet in 1774 in response to the Boston Tea Party, and which American colonists could not bear obeying.

ANSWER: **Intolerable** Acts [or **Coercive** Acts]

019-10-14-02125

6. This substance activates its 5-HT receptors, and tyrosine (TY-ro-seen) is the metabolic precursor of this substance. It is released in the Raphe (RAW-fay) nuclei. Overdoses of this neurotransmitter (NUR-oh-"TRANS"-mitt-ur) can lead to high heart rate and muscle twitching, and this neurotransmitter's levels have been shown to increase with exercise. This substance's "reuptake inhibitors" include Zoloft and Prozac. For 10 points, name this neurotransmitter, low levels of which can cause depression.

ANSWER: **serotonin**

032-10-14-02126

7. This dynasty was opposed by the Liao (LAO) in the north and their predecessors, the Jin, who sacked their capital of Bianjing (BYAN-JING). This dynasty made its last stand at the Battle of Yamen. This dynasty was founded by Zhao Kuangyin (kwang-YIN), or Emperor Taizu. This dynasty was the first to issue paper money. Technological advances during this dynasty included the first compass and the first use of gunpowder. For 10 points, name this Chinese dynasty which emerged from the Five Dynasties and Ten Kingdoms Period, and was defeated by the founder of the Yuan Dynasty, Kublai Khan.

ANSWER: **Song** Dynasty

035-10-14-02127

8. This religion's texts include the *Holy Piby*, and one of this religion's saints is Marcus Garvey. This religion advocates "livity," which involves drumming ceremonies called bingis. This religion uses the vegetarian I-tal diet. Followers of this religion believe that they are captives in Babylon. This religion draws its name from the belief that Haile Selassie is the Second Coming of Christ. It promotes wearing the colors red, green, gold, and black, along with dreadlocks. For 10 points, name this Jamaican religion that advocates using ganja for meditation and was the inspiration for reggae music.

ANSWER: **Rastafarianism**

027-10-14-02128

9. This figure disguised his wife as his sister in order to extort money from both a Pharaoh and Abimelech. This figure was blessed by Melchizedek (mel-KIZ-eh-deck), and this man sent Eliezer to his homeland to look for a bride for one of his sons. The younger of this man's two sons was born a year after his mother laughed at pair of visiting angels, while the elder was exiled into the desert with his mother Hagar. For 10 points, name this first Jewish patriarch, husband of Sarah, and father of Ishmael and Isaac.

ANSWER: **Abraham** [or **Avaraham**; or **Ibrahim**]

005-10-14-02129

10. This play includes a scene in which the tale of a voodoo doll is told to Giles Corey by Ezekiel Cheever. In the fourth act of this play, the events leading to the condemnation of women like Elizabeth cannot be halted by Reverend Parris. All this occurs because of Abigail's attempts to seduce John Proctor while supposedly under the influence of the slave Tituba. For 10 points, name this play about the Salem Witch Trials, written by Arthur Miller.

ANSWER: *The **Crucible***

032-10-14-02130

1. Acrisius put this woman in a chest with her son and set the pair afloat, after a prophecy stated that this woman's son would kill Acrisius.

[5] Name this princess of Argos, who was impregnated in her prison by a stream of gold and thus gave birth to Perseus.

ANSWER: **Danae**

[10] The stream of gold was actually this promiscuous Greek god. He also took the form of a swan to impregnate Leda, and impersonated Amphitryon to father Heracles.

ANSWER: **Zeus** [do not accept "Jupiter"]

[15] This woman's brother Cadmus failed to find her after she was taken to Crete by Zeus in the form of a white bull. She became the mother of Minos and Rhadamanthys (RAD-uh-MAN-thiss).

ANSWER: **Europa**

[20] After ceasing his wanderings, Cadmus created the "spartoi," the original army and citizens of Thebes, by sowing these items in the Earth.

ANSWER: **dragon's teeth** [prompt on partial answer; accept obvious equivalents]

019-10-14-02101

2. *The Romance of the Three Kingdoms* and *The Outlaws of the Marsh* are among the classic novels of this country.

[5] Name this country, whose twentieth-century literary figures included Lu Xun (LOO SHUN), the author of such short stories as "The True Story of Ah Q."

ANSWER: People's Republic of **China**

[10] Because the protagonist is born with a jade in his mouth, this classic Chinese novel is sometimes called *The Story of the Stone*. It is the story of Jia Baoyu, who has an affair with the Twelve Beauties of Jinling and falls in love with Black Jade.

ANSWER: **Dream of the Red Chamber** [or **Hung Lou Meng**]

[15] The 2000 Nobel Prize went to this Chinese-born French citizen, who wrote about his walk down the Yangtze in *Soul Mountain*. He had previously attracted the attention of Chinese censors for his political play *Bus Stop*.

ANSWER: **Gao** Xingjian

[20] Inspired by minor characters in *Outlaws of the Marsh*, this explicit Chinese novel follows an amoral merchant who is in search of a fifth and sixth wife.

ANSWER: *The Golden Lotus* [or *The Plum in the Golden Vase*; or any reasonable answer that mentions something **golden**; or **Jin Ping Mei**]

034-10-14-02102

3. This student of Perugia painted the *Madonna of the Goldfinch*.

[5] Name this High Renaissance painter who also created the *Stanzae* for the Papal apartments and *The School of Athens*.

ANSWER: **Raphael** Sanzio [or **Raffaello**]

[10] Raphael did many commissions for this Pope, whose unfinished tomb contains many statues by Michelangelo.

ANSWER: **Julius II** [or Giuliano della **Rovere**; prompt on **Julius**]

[15] Raphael's unfinished *Transfiguration* marked the transition from the High Renaissance to this period, marked by the use of bright colors, broadly drawn emotion, and weightless, elongated figures.

ANSWER: **Mannerism** [or **Mannerist** painting, etc]

[20] Another key Mannerist work is this depiction of the four title figures along with some Greek dramatic masks. It was painted by Bronzino and is also known as *Allegory of Love*.

ANSWER: **Venus, Cupid, Folly, and Time**

026-10-14-02103

4. Name these things that may be conserved in reactions.

[5] In an elastic collision, both linear momentum and this other quantity are conserved.

ANSWER: **kinetic energy** [prompt on **energy**]

[10] Much like Kirchoff's loop rule is derived from the law of conservation of energy; his junction rule is derived from the law of conservation of [i]this[/i] quantity.

ANSWER: electric **charge**

[15] In radioactive decay, the law of conservation of nucleon number states that protons and these subatomic particles can change into each other, but their total number remains the same.

ANSWER: **neutrons**

[20] The Grand Unified Theory permits the violation of the conservation of this number, which is one-third of the difference of the number of quarks and antiquarks. Its namesake particle is always composed of three quarks.

ANSWER: **baryon** number

003-10-14-02104

**THE LETTER L**  
**THE LETTER F**  
**OPERA**  
**TINY, SMALL, SHORT**

THE LETTER L

[10] This poet penned the work engrave on The Statue of Liberty's pedestal, "The New Colossus."

ANSWER: Emma **Lazarus**

[10] Gaston Leroux is best known for creating this fictional character, who haunts a certain Parisian theater.

ANSWER: **Phantom of the Opera**

[10] This order of insects includes butterflies and moths.

ANSWER: **Lepidoptera**

[10] This Dutch physicist won the 1902 Nobel Prize for his work with Zeeman describing the Zeeman Effect.

ANSWER: Hendrik **Lorentz**

[10] Along with Richard Loeb, this prep student murdered a 14-year-old in 1924 as part of a thrill killing.

ANSWER: Nathan **Leopold Jr.**

[10] Give the name and number of the French king canonized for his religiosity.

ANSWER: **Louis IX**

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

ANSWER: Sergei **Prokofiev**

[10] In Greek myth, Laocoon was a priest who warned a certain city not to accept this dangerous gift from the Greek armies.

ANSWER: **Trojan Horse**

[10] This Beatles song inspired the name for the famous Australopithecus skeleton found in Ethiopia.

ANSWER: "**Lucy, in the Sky With Diamonds**"

[10] Wikipedia says Lucy is an elephant living in the zoo at this capital city of Alberta.

ANSWER: **Edmonton**

052-10-14-0210-3

## THE LETTER F

[10] This unelected president pardoned Nixon and was born Leslie Lynch King Jr.

ANSWER: Gerald Rudolph **Ford** Jr.

[10] This enlightened despot of Prussia served between Frederick William I and Frederick William II.

ANSWER: **Frederick the Great** [or **Frederick II**; or **Frederick IV of Brandenburg**; accept with **Friedrich** instead of "Frederick"; prompt on **Frederick**]

[10] This poem by Edmund Spenser is an allegory for the life of Elizabeth I, and includes characters like Una and the Red Crosse Knight.

ANSWER: *The **Fairie Queen***

[10] This American author wrote the *Studs Lonigan* trilogy.

ANSWER: James Thomas **Farrell**

[10] This is the SI unit of capacitance.

ANSWER: the **farad**

[10] Carbon nanotubes and "bucky balls" are examples of these allotropes of carbon.

ANSWER: **fullerenes** [or Buckminster **fullerenes**]

[10] This French Rococo artist showed a man looking up a woman's skirt as she is pushed into the air in his *The Swing*.

ANSWER: Jean-Honore **Fragonard**

[10] This symphony by Hector Berlioz includes a fourth movement called "March to the Scaffold."

ANSWER: *Symphonie **Fantastique*** [or ***Fantastic** Symphony*]

[10] This Norse goddess of love lives in Folkvangr.

ANSWER: **Freya** [or **Freyja**; do not accept "Frigg" or "Frigga"]

[10] This is the old name of Taiwan and the Strait of Taiwan.

ANSWER: **Formosa** [or Strait of **Formosa**]

026-10-14-0210-3

OPERA

[10] *William Tell* is an opera about a hero from this country. Name this country made up of cantons.

ANSWER: **Switzerland**

[10] Name this common title for a leader in Venice and other parts of Italy, whose first holder in Genoa was depicted in *Simon Boccanegra*.

ANSWER: **doges**

[10] This author's play *Le Roi S'amuse* was the basis for *Rigoletto*. Name this author who also wrote *The Hunchback of Notre Dame*.

ANSWER: Victor **Hugo**

[10] Name the literary title character depicted in operas by both Verdi and Rossini who is married to Desdemona in a work by Shakespeare.

ANSWER: **Othello** [or **Otello**]

[10] What compound created from the oxidation of a primary alcohol was studied by the Russian chemist and composer Aleksandr Borodin?

ANSWER: **aldehydes**

[10] Name the German who composed an opera about the delivery of a silver rose in *Der Rosenkavalier* as well as an opera about the mythological *Elektra*.

ANSWER: Richard Georg **Strauss**

[10] What city is depicted being conquered in *Nabucco*, which shows the destruction of this city's temple by Nebuchadnezzar and the Babylonian captivity.

ANSWER: **Jerusalem**

[10] Name the island ruled by the title character in *Idomeneo*, which island was the site of a labyrinth holding the Minotaur during its rule under King Minos.

ANSWER: **Crete**

[10] Give the name of the Russian river used by the title character of Leos Janacek's *Katya Kabanova* to kill herself, which is also the longest river in Europe.

ANSWER: **Volga River**

[10] Name the character whose story was adapted in *La Cenerentola*, which replaced this character's stepmother with Don Magnifico and her fairy godmother with the philosopher Alidoro.

ANSWER: **Cinderella**

023-10-14-0210-3

TINY, SMALL, SHORT

[10] What nation of little people takes offense when Gulliver urinates on their royal palace to put out a fire?

ANSWER: **Lilliput**

[10] In March 2010 the Royal College of Music in London held a contest to see whether anyone could play what short Frederic Chopin waltz in what some believe to be its namesake time period?

ANSWER: **Minute Waltz**

[10] One gram is equal to 6.02 times ten to the twenty-third of what units, which are sometimes also called Daltons and are equal to one-twelfth the mass of carbon-12?

ANSWER: **atomic mass units** [or **amus**]

[10] What then-country lost the shortest war in history, which lasted less than 45 minutes? It was later merged with Tanganyika to form a different country.

ANSWER: **Zanzibar**

[10] What smallest country in the world has zero permanent inhabitants and is entirely surrounded by the city of Rome?

ANSWER: State of the **Vatican City** [or The **Holy See**; or Stato della **Citta del Vaticano**; or **Santa Sede**]

[10] Name the items that a six-word Ernest Hemingway story claims are "For sale...never used."

ANSWER: **baby shoes** [prompt on **shoes**]

[10] Who gave the longest inaugural address in U.S. history? He spoke out in the cold so long that he caught pneumonia and died a month afterwards, giving him the shortest presidency as well.

ANSWER: **William Henry Harrison** [prompt on **Harrison**]

[10] What artistic movement of painting using a series of small dots was practiced by Paul Signac and Georges Seurat?

ANSWER: **pointillism**

[10] What small neutral particle was hypothesized to exist by Wolfgang Pauli and discovered by Clyde Cowan and Fred Reines?

ANSWER: **neutrino**

[10] What work of philosophy claims that a "war of every man against every man" would render life "solitary, poor, nasty, brutish, and short"?

ANSWER: **Leviathan**, or the Matter, Forme, and Power of a Commonwealth, Ecclesiasticall and Civil

003-10-14-0210-3

1. Due to support from two separate parties, one candidate in this election had both Thomas E. Watson and Arthur Sewall as running mates. The winner in this election employed campaign manager Mark Hanna. That winner of this election successfully ran a "front porch campaign," opting not to travel. The Democratic nominee argued against about putting a "crown of thorns" on the "brow of labor" in a speech supporting free silver, the Cross of Gold speech. For 20 points, name this election in which William Jennings Bryan lost to William McKinley.

ANSWER: **1896** United States Presidential Election

028-10-14-02101

2. One author from this nation wrote an epic poem about the voyage of Vasco da Gama to India. Another author from this country wrote a novel in which a doctor's wife is the only character not afflicted by a mysterious epidemic that causes people only to see the color white. This country is home to the author of *The Lusiads*, Camoes, and the author of *Blindness*, Jose Saramago. For 20 points, name this European country whose name titles a sequence of forty-four love sonnets by Elizabeth Barrett Browning.

ANSWER: **Portugal**

022-10-14-02102

3. The success of fractional distillation relies on solutions for which this law holds. Liquids that conform to this law are called perfect solutions. Deviations from this law occur when mixtures are nonideal and nonbinary, and liquids deviating from this law form azeotropes (AY-zee-oh-"TROPES"). For 20 points, name this law that states that the vapor pressure of a solution is equal to the products of the partial pressure of each component of the solution and its mole fraction.

ANSWER: **Raoult's** Law

032-10-14-02103

4. An event in this city in 1968 led to the arrest of Luis Echeverria (eh-chee-VEHR-ee-uh) Alvarez in 2006. That event in this city was named the Tlatelolco (tLAT-eh-LOH-koh) Massacre. In 1913, this city was the site of The Ten Tragic Days during its country's civil war. This city was captured by the forces of Augustin Iturbide (ee-tuhr-BEE-day) in 1821. In 1520, La Noche Triste occurred at the location of this present-day city and resulted in a major defeat for Hernan Cortez. For 20 points, name this city that is located on the site of the Aztec capital Tenochtitlan (teh-KNOCK-tuh-lin).

ANSWER: **Mexico City** [or **Ciudad de Mexico**]

030-10-14-02104

5. This organ is divided into the scala media, scala tympani, and scala vestibuli (ves-TIB-you-lee). Vibrations on the basilar membrane in this structure are transduced into electrical stimuli by this organ's inner hair cells, which are located in the Organ of Corti (CORE-tee). This organ is snail-shaped organ For 20 points, name this organ responsible for the sense of hearing.

ANSWER: **cochlea** [or **inner ear** before mentioned]

003-10-14-02105

6. One of this author's characters has a custody battle with Madeleine over their daughter June. That character created by this author writes unsent letters to such people as President Eisenhower. This author of *Humboldt's Gift* and *Herzog* wrote a book in which Eugene visits the Wariri tribe and leaves Africa with a lion cub. Another of this author's books is a picaresque tale of a Chicago Jew who is the brother of Simon and Georgie and serves in World War II. For 20 points, name this author of *Henderson the Rain King* and *The Adventures of Augie March*.

ANSWER: Saul **Bellow** [or Solomon **Bellows**]

027-10-14-02106

7. One of these conflicts was incited by the surprise at Meaux, which followed the Edict of St. Germain. One of the namesake figures of one war in this series was the Duke of Guise, one of the "Three Henrys." Catherine de Medici ordered one brutal occurrence during this series of conflicts. These conflicts were ended by Henry IV's conversion to Catholicism. For 20 points, name this series of 16th-century wars, which included the St. Bartholomew's Day Massacre, between Huguenots and Catholics.

ANSWER: French **Wars of Religion**

038-10-14-02107

8. In this work, a Nigerian considers straightening hair to be "mutilation." Mrs. Johnson pays an unwelcome visit to Mama and describes a bombing in this play. George Murchison courts Beneatha in this work, who prefers Asagai. In this play, Mr. Lindner tries to dissuade a family from moving. Willy Harris runs off with money invested in a liquor store in this work. This play ends with Walter Lee's family moving into a white neighborhood. For 20 points, name this play about the Younger family.

ANSWER: A ***Raisin in the Sun*** (by Lorraine Hansberry)

036-10-14-02108

9. Although this television show was based on a Robert Sawyer book, the only character the two have in common is Lloyd Simcoe, who works for CERN in the book but the NLAP on TV. Simcoe has a vision that in six months he will be with Olivia Benford in, for 20 points, what ABC show that stars Joseph Fiennes as Olivia's husband Mark and John Cho as Demetri Noh, an FBI agent who does not experience the title phenomenon?

ANSWER: ***Flashforward***

003-10-14-02109

10. A "bidirectional" variation of this algorithm passes through the list twice per iteration and is also called "shuttle" or "cocktail," and "odd-even" sort is a parallel-processing optimized alteration; the first method eliminates the problem of small elements at the big-element end, which are called "turtles" since they uniquely must travel the full length of the list. For 20 points, name this naïve big-oh-of-n-squared sorting algorithm, in which repeated passes are made swapping adjacent out-of-order elements, such that the small elements float to the top.

ANSWER: **bubble** sort

022-10-14-02110

11. One of her sons, Parthenopaeus (PAR-then-o-PAY-us), was one of the Seven Against Thebes. This figure and her husband were turned into lions after making love in the shrine of Cybele. She was suckled by a bear as a child. She offered to marry anyone who could outrace her, but killed anyone she passed. This figure lost a race to Hippomenes by stopping three times to pick up the golden apples of the Hesperides. For 20 points, name this huntress from who took first blood from the Caldydonian Boar.

ANSWER: ***Atalanta***

030-10-14-02111

12. Three fortissimo chords open one of this type of composition in C sharp minor, one of the most famous works of Rachmaninoff. One of these in D by Frederic Chopin is nicknamed the "Raindrop," and Chopin wrote one for every major and minor key. J.S. Bach wrote two volumes of *The Well-Tempered Clavier* containing fugues paired with these compositions, and Debussy composed one "to the Afternoon of a Faun." For 20 points, name this type of short composition.

ANSWER: **prelude**

032-10-14-02112

1. This thinker described the beautiful, agreeable, good, and sublime types of the titular action in one work. This man distinguished between analytic and synthetic propositions and put forth the possibility of a priori knowledge in his most famous work. This author of *Critique of Judgement* outlined an ethical rule based in duty that states that every moral question has an absolute answer that must be followed. For 10 points, name this German Idealist philosopher who wrote *Critique of Pure Reason* and formulated the Categorical Imperative.

ANSWER: Immanuel **Kant**

005-10-14-02131

2. The vastus intermedius (VASS-tuss in-tur-MEE-dee-us) attaches to the linea aspera (LIN-ee-uh ass-PAIR-uh) on the posterior surface of this bone. Its lateral epicondyle (EP-uh-KON-"dial") attaches to both the popliteus (POP-lih-TEE-us) muscle and the fibular (FIB-you-lur) collateral ligament, while the medial epicondyle (EP-uh-KON-"dial") joins with the tibial collateral ligament. A broken hip is caused by a break in not the pelvis but this other bone. For 10 points, name this bone of the thigh, the longest bone in the body.

ANSWER: **femur** [prompt on **thighbone** before "thigh"]

003-10-14-02132

3. This President was nicknamed "Ice Veins" because of his cold personality. This man helped settle a boundary dispute between Great Britain and Venezuela. One controversial bill signed by this President gave disability pensions to veterans even if their injury was not from combat. This man worked with the "Billion Dollar Congress" and signed the Sherman Anti-Trust Act, the Sherman Silver Purchase Act, and the McKinley Tariff. For 10 points, name this President, the grandson of William Henry Harrison.

ANSWER: **Benjamin Harrison** [prompt on **Harrison**]

021-10-14-02133