1. This man introduced the first sinking fund in his country to help recover from the South Sea Bubble, and he initially gained notoriety by exposing the plot of Francis Atterbury, the Bishop of Rochester. After his resignation over a rigged election in Chippenham, this man was replaced in his most famous post by Spencer Compton, the Earl of Wilmington. This leader of the nascent Whigs was the father of the man who wrote the first Gothic novel, *The Castle of Otranto*. For 10 points, name this eighteenth-century politician, the first Prime Minister of the United Kingdom.
ANSWER: **R**obert **Walpole** [or First Earl of **Orford**; prompt on **Walpole**]

2. Lucien LaCoste used this law as the theoretical basis for developing a seismograph that uses certain objects with "zero length." Conservative materials eliminate 15 of the 36 possible values in the C-matrix of Cauchy's generalization of this law to three-dimensional bodies. It involves two quantities related by the first Lame (lahm) constant, also known as the shear modulus. For 10 points, name this law stating that the restoring force F equals negative k x, that relates stress and strain in materials like springs.
ANSWER: **Hooke**'s Law

3. This holiday is known as Tihar among the Newa people, and in the place where this holiday originated, it culminates on the night of the new moon. Fairs called melas occur during this holiday, which partly commemorates the end of the twenty-one days of austerity for Shakti. Guru Harobind Ji's release from prison occurred during this festival, marking its importance for Sikhs. Also celebrating the attainment of nirvana of Mahavira for Jainists, for 10 points, name this holiday that commemorates the return of Rama, the Hindu "festival of light."
ANSWER: **Diwali** [or **Deepavali**; or **Swanti**]

4. One character in this novel is Annie Littlefield, who chairs the Ladies' Committee of Sanitary Unit Number Four. Floyd Knowles is accused of being a "red" after he antagonizes a police deputy and Jim Casy is a preacher who meets the protagonist after he goes to jail for killing a man in self defense. The protagonist's family includes Noah, Al, Winfield, Rose of Sharon and a Grandpa who dies of a stroke after leaving Oklahoma. For 10 points, name this novel in which Tom Joad and his family migrate to California during the dust bowl, a work of John Steinbeck.
ANSWER: The ***Grapes of Wrath***

5. As an attorney, this man argued the cases *Groves v. Slaughter* and *Osborn v. U.S.* He was earlier been shot in a duel over his support for the Embargo Act, by Humphrey Marshall. The owner of the estate Ashland, this man was one of the founders of the American Colonization Society and was also a negotiator of the Treaty of Ghent. Although he ran for President five times, this man only succeeded in becoming Secretary of State through the Corrupt Bargain. For 10 points, name this Kentucky statesman and Whig Party leader, known as the Great Compromiser.
ANSWER: Henry **Clay**

6. This substance acts as an electron donor for enzymes that synthesize carnitine, and also in the hydroxylation of proline and lysine to produce collagen. Most animals can synthesize this compound using glycogen from the liver or in a kidney-based synthesis, but humans and other simians have a defective gene for L-gulonolactone oxidase and thus must consume this vitamin. For 10 points, name this common antioxidant, a vitamin that Linus Pauling prescribes in megadoses, prevents scurvy, and comes from citrus fruits.
ANSWER: vitamin **C** [or **ascorbic acid**]

7. The video for this song opens with the singer flipping a quarter across an entire nightclub and into a jukebox. After one person mentioned in it "ran underneath the table," the title figure "left the bloodstains on the carpet" after striking the other figure down in "the bedroom," which the singer notes "was her doom." For 10 points, identify this seventh single from *Bad*, featured in the movie Moonwalker, in which Michael Jackson asks "Annie are you OK?" and notes that "you've been hit by" and "struck by" the titular suave hitman.
ANSWER: "**Smooth Criminal**"

8. The title character of this work goes to an inn called The Rainbow to because he suspects Jem Rodney of stealing his money, though it is actually stolen by Dunstan, who injures the prized horse Wildfire. One character is the illegitimate child of Godfrey and Molly, and towards the end of this work, that girl, who is adopted by the title character, marries Aaron Winthrop. The title character cares for Eppie in, for 10 points, which novel about the titular weaver of Raveloe, a work by George Eliot?
ANSWER: *Silas Marner*

9. The battle of this name occurred in 340 BCE during the Latin War and resulted in the death of Publius Decius Mus, while an "Outbreak" here is the most notable work of Norwegian artist Johan Dahl. Originally named Somma, this structure is located near the towns of Stabiae, Misenum and Ottaviano, while with Epomeo and Campi Flegrei, this forms the Campanian arc. The Avellino eruption occurred here, and one of its calderas was used as a hideout by Spartacus. For 10 points, name this volcano whose 79 CE eruption destroyed Herculaneum and Pompeii.
ANSWER: Mount **Vesuvius** [or Monte **Vesuvio**]

10. This artist depicted the silhouette of a tree and a mansion with a bright blue sky and puffy clouds in his *The Empire of Lights*. He also depicted a bleeding woman on a bed as a man looks at a phonograph in his *Menaced Assassin*. Crescent moons can be seen over the bowler-hat wearing subjects of his *The Mysteries of the Horizon*, and another work shows a pipe with the phrase "Ceci n'est pas une pipe." For 10 points, identify this artist of *The Treachery of Images* and *Son of Man*, who depicted a locomotive coming out of a fireplace in *Time Transfixed*.
ANSWER: René François Ghislain **Magritte**

2008-2009
Four Quarter Set

Round 13

Second Quarter:
Ten Tossups
with Bonuses

1. Built to replace a building with a similar function which now belongs to McGill University, the Martlet House, this structure was the idea of Phyllis Lambert. Paintings by Ronnie Landfield and James Rosenquist took the places intended for a series by Mark Rothko that was to adorn its *The Four Seasons* restaurant. Lying across Park Avenue from the Lever House, for 10 points, identify this Manhattan skyscraper, designed by Philip Johnson and Ludwig Mies van der Rohe as the headquarters for a liquor concern.
ANSWER: **Seagram** Building

BONUS. *Amborella trichopoda* is often referred to as the "sister species" of all members of this division. For 10 points each:
[10] Name this division, sometimes called magnoliophyta, whose members possess a tissue which protects ovules, and also undergo double fertilization.
ANSWER: **angiosperm**s
[10] Angiosperms are characterized by the presence of these objects, usually brightly colored, which tend to attract insects to help pollinate.
ANSWER: **flower**s

2. A participant in the Battle of Medina alongside Augustus Magee, this man was later a signatory of the Treaty of Velasco with David Burnet. With Guadalupe Victoria he created the Plan of Casa Mata to overthrow Iturbide, and he later lost his leg fighting in the Pastry War. The head of a government with Valentin Gomez Farias as vice president, this man's fight against Isidro Barradas earned him the epitaph "Hero of Tampico." Serving eleven non-consecutive terms, for 10 points, name this rival of Benito Juarez and Mexican leader at the Alamo.
ANSWER: Antonio de Padua Maria Severino Lopez de **Santa Anna** y Perez de Lebron

BONUS. Name these George Bernard Shaw plays, for 10 points each.
[10] Colonel Pickering makes a bet with Henry Higgins that he cannot teach Eliza Doolittle proper manners in this play, which serves as the basis for the musical *My Fair Lady*.
ANSWER: *Pygmalion*
[10] In this Shaw play, Frank Gardner and George Crofts both vie for the attention of Vivie, who is shocked to discover that her mother runs a brothel.
ANSWER: *Mrs. Warren's Profession*

3. In 2002, he called derivative commodities "financial weapons of mass destruction." In mid-2008 he purchased Constellation Energy Group and applied for a permit for a new nuclear generator in Maryland. His donation in 2006 of ten million shares of stock doubled the size of the Bill and Melinda Gates Foundation. Paul Volcker and this man headline Barack Obama's investment banking bailout consulting team. For 10 points, name this CEO of Berkshire Hathaway, a very rich Omaha-based investor.
ANSWER: Warren Edward **Buffett**

BONUS. It includes Juan Carlos of Spain, though its direct rule of France ended with Charles IV, the last of the three sons of Philip IV. For 10 points each:
[10] Identify this ruling house of France, whose downfall brought on the Hundred Years War that ended with the rise of the Valois.
ANSWER: the **Capetian** dynasty [or the House of **Capet**]
[10] This canonized Capetian king lead the Seventh and Eighth Crusades, which he financed by expelling French Jews and confiscating their property.
ANSWER: **Louis IX** [prompt on St. **Louis**]

4. In one work by this man, the composer D's meetings with the title character drive him to commit suicide. In another of his works, the dog Leo digs up some corpses which brings disease to children staying in an isolated town, and is titled *Nip the Buds, Shoot the Kids*. Another of his work describes the return of Mitsuhiro and Takashi to Okubo. Better known for works that parallel his relationship with his developmentally disabled son Hakuri, for 10 points, identify this Japanese author of *The Silent Cry* and *A Personal Matter*.
ANSWER: Kenzaburo **Oe**

BONUS. Two of its main volcanoes include Shira and Mawensi. For 10 points each:
[10] Identify this volcanic mountain located near the Kenya border.
ANSWER: Mount **Kilimanjaro**
[10] Mount Kilimanjaro is located in this nation, formed by a union with Zanzibar in 1964.
ANSWER: **Tanzania**

5. Along with pure iodine, this chemical is the input of the first step in a cycle that could produce hydrogen for fuel cells. This compound is produced in a three-step process, the second step of which uses a vanadium oxide catalyst to create a trioxide product. That process replaced the lead chamber process for making this compound, and is called the contact process. For 10 points, name this most-synthesized industrial chemical in the United States, an acid once known as oil of vitriol, which has chemical formula H_2SO_4.
ANSWER: **sulfuric acid** [accept **sulfuric** acid after "acid"; accept **H_2SO_4** before read; prompt on oil of **vitriol**]

BONUS. The title character is represented by a recurring theme, since she is telling the tales of movements like "The Sea and Sinbad's Ship" and "The Kalendar Prince." For 10 points each:
[10] Identify this suite, based on *One Thousand and One Nights*.
ANSWER: *Scheherazade*
[10] This Russian composer of *Scheherazade* also wrote the *Antar* suite and a *Fantasy on Two Russian Themes*, as well as "Flight of the Bumblebee."
ANSWER: Nikolai Andreyevich **Rimsky-Korsakov**

6. He argued that belief in miracles is logically impossible in his "On Miracles," and he claimed that a certain act "may be free of imputation of guilt and blame" in *On Suicide*. His characters Philo and Cleanthes discuss arguments from design in a work where Demea claims there are a priori arguments for God. He wrote of "Liberty and Necessity" and "Reason of Animals" in a reworking of his *Treatise of Human Nature*. For 10 points, name this author of *Dialogues Concerning Natural Religion* and *An Enquiry Concerning Human Understanding*.
ANSWER: David **Hume**

BONUS. It was originally written as a screenplay, and it is said to be largely autobiographical, since the author had a sickly sister named Rose. For 10 points each:
[10] Identify this play about the Wingfield family, in which the protagonist's sister Laura is nicknamed Blue Roses.
ANSWER: The *Glass Menagerie*
[10] The Glass Menagerie was written by this American author of *The Night of the Iguana*.
ANSWER: Tennessee **Williams** [or Thomas Lanier **Williams** III]

7. In one of his novels, an impoverished government clerk named Makar spends what money he has on gifts for a girl who lives across the street. In another work, Yakov Petrovich freaks out when he thinks a man with the exact same physical appearance is trying to take his job. In addition to *Poor Folk* and *The Double*, he wrote about Prince Myshkin breaking down and being sent to a Swiss sanatorium in *The Idiot*. For 10 points name this author of *The Brothers Karamazov* and a novel about Raskolnikov committing murder, *Crime and Punishment*.
ANSWER: Fyodor Mikhailovich **Dostoyevsky**

BONUS. As a child he killed a couple of snakes. For 10 points each:
[10] Name this demigod, who killed his wife Megara and completed twelve labors.
ANSWER: **Heracles** [or **Hercules**]
[10] Heracles' first labor was killing this beast, whose impervious skin he would go on to wear.
ANSWER: the **Nemean lion** [prompt on partial answer]

8. Plasma and a magnetic field make for the Bohm kind of this process, while its anomalous type has non-linear time dependence. Its collective variety makes its namesake coefficient concentration-dependent, in contrast to its single-particle variety, Brownian motion. There is a rotational analog of this process, and a special case of this process concerning water is called osmosis. For 10 points, identify this behavior where particles tend to spread from areas of high concentration into areas of low concentration.
ANSWER: **diffusion**

BONUS. Roman Jakobson (YAH-cub-son) was convinced that these units could be broken down into features. For 10 points each:
[10] Name these small linguistic units of sound, which can be combined to yield units of meaning called morphemes.
ANSWER: **phoneme**s
[10] This Swiss linguist, whose notes were compiled as the *Course in General Linguistics*, helped create the phonological theory of language.
ANSWER: Ferdinand Mongin de **Saussure**

9. This man defended himself against a supposed attack from Satan by throwing an inkwell. This creator of the popular September Testament burned a copy of the papal bull *Exurge Domine*, and he was taken to the Wartburg under the protection of Frederick the Wise of Saxony. He wrote the hymn "A Mighty Fortress is Our God," and defended himself by saying "here I stand; I can do no other" at the Diet of Worms. For 10 points, name this theologian who attacked indulgences sold by Johann Tetzel in his ninety-five theses, sparking the Protestant Reformation.
ANSWER: Martin **Luther**

BONUS. Precipitated by a Doeg raid on Thomas Mathews' plantation, this event was led by a native of Curls Wharf along the James River. For 10 points each:
[10] Name this uprising of indentured servants and small landowners, which targeted Governor William Berkeley in 1676.
ANSWER: Nathaniel **Bacon**'s Rebellion
[10] Bacon's Rebellion, in addition to the slave uprisings of George Boxley, Gabriel Prosser, and Nat Turner, occurred in this onetime colony and later state.
ANSWER: **Virginia**

10. John Dewey claimed that there were two views of history centered on the Occident and Orient in a work about "Philosophy" and this concept. Lewis Mumford claimed that the world progressed through three stages in writing about "Technics" and this. Marcuse claimed that modernity represses sex in writing about "Eros" and this, while Foucault analyzed the "great confinement" in a work about "Madness" and this. Freud postulated that humankind creates laws against primitive behavior in, for 10 points, a book titled for what concept "and "its Discontents"?
ANSWER: **civilization**

BONUS. Answer the following about a set of chemical properties, for 10 points each:
[10] What name is given to properties which do not depend on the mass of particles, but rather on the number of them in any given solvent?
ANSWER: **colligative** properties
[10] One colligative property is the elevation of this temperature due adding a solvent. This temperature is reached when the vapor pressure of a substance equals outside vapor pressure.
ANSWER: **boiling point**

Choices: LAW
             ORDER

LAW
This round deals with things related to all sorts of laws.

[10] Passed by the legislatures of their namesake states, these measures were written by James Madison and Thomas Jefferson and protested the Alien and Sedition Acts.
ANSWER: **Virginia** and **Kentucky** Resolutions

[10] A jail sentence for having a relationship with Alfred Douglas inspired this author to write "The Ballad of Reading Gaol."
ANSWER: Oscar **Wilde**

[10] Proposed by an English chemist, this law states that the total pressure of a mixture of gasses is equal to the sum of the partial pressures of the individual component gasses.
ANSWER: **Dalton's** Law

[10] Known as the "father of international law," this Dutch diplomat wrote *Mare Liberum* and *On the Law of War and Peace*.
ANSWER: Hugo **Grotius**

[10] This Norse god of law and order had his hand bitten off by Fenrir.
ANSWER: **Tyr**

[10] A lawyer by training, this American poet published the collection *Harmonium*, and wrote poems like "The Snow Man", "Sunday Morning", and "The Emperor of Ice Cream."
ANSWER: Wallace **Stevens**

[10] These 1935 laws deprived Jews of their rights in Nazi Germany. One of them deprived Jews of German citizenship and the other forbade relations between Jews and non-Jews.
ANSWER: **Nuremberg** Laws

[10] Passed over President Truman's veto, this 1947 law amended the Wagner Act to outlaw the closed shop and required union officers to deny Communist affiliations.
ANSWER: **Taft-Hartley** Act

[10] This man planned the campuses of the universities of Minnesota and UT-Austin, and designed the Woolworth Building. He also designed the U.S. Supreme Court building.
ANSWER: Cass **Gilbert**

[10] The placement of parentheses within a sequence of numbers to be added does not change the sum, according to this principle of algebra.
ANSWER: law/property of **association** [accept **associative** law/property or other word forms]

ORDER
This round is about various kinds of orders.

[10] The skippers, butterflies, and moths comprise this biological order.
ANSWER: **lepidotera**ns
[10] Renata joins the Order of Brusadelli in *Across the River and Into the Trees*, a novel by this author of *The Sun Also Rises* and "The Snows of Kilimanjaro."
ANSWER: Ernest **Hemingway**
[10] Order is a property of this sort of solid, which can be arranged in a "face-centered" or "body-centered" fashion.
ANSWER: crystal **lattice**s [or **crystal**s]
[10] The Orange Order is a Protestant political organization in this volatile region of the United Kingdom, where power-sharing with the IRA takes place in Belfast.
ANSWER: **Northern Ireland**
 [10] The highest decoration in the Soviet Union was the "order of" this man, who led the October Revolution and was the head of the USSR until his 1924 death.
ANSWER: Vladimir Ilich **Lenin** [or Vladimir Ilich **Ulyanov**]
[10] Formal parliamentary procedure is codified in this man's "rules of order."
ANSWER: Henry M. **Robert** [accept **Robert's** Rules of Order]
[10] The critical study *Order out of Chaos* discusses the autobiographical works of this author of "On the Pulse of Morning," such as *I Know Why the Caged Bird Sings*.
ANSWER: Maya **Angelou** [or Marguerite **Johnson**]
[10] The British "orders in council" were an attempt to oppose the Continental System of this French military ruler, who launched some namesake wars in the early nineteenth century.
ANSWER: Napoléon **Bonaparte** [or **Napoleon I**; prompt on **Napoleon**]
[10] The Tuscan, Composite, Doric, Corinthian, and Ionic orders describe styles of these architectural elements.
ANSWER: **column**s
[10] A knightly society in medieval Burgundy was named for this mythical object, which was obtained from a ram before Jason and the Argonauts retrieved it from Colchis.
ANSWER: the **golden fleece**

1. One work often put in this group was probably actually written by Carl Friedrich Abel, and another lacks repeat signs at the end of the exposition of its *allegro con spirito.* The *Poco adagio* of one of these works was originally an *Andante* in 6/8 time. In addition to the "Haffner" and "Linz" works in this group, another one opens with a "Mannheim rocket" and is known as the "Paris" one, and the forty-first and final one is known as the "Jupiter." For 10 points, what are these works by an Austrian composer of the eighteenth century?
ANSWER: **symphonies** by Wolfgang Amadeus **Mozart**

2. One of these named Kur may have carried off the goddess Ereshkigal. In China, they are called lung and represent yang, and Pliny the Elder claimed that Indian elephants were at war with these. One named Fafnir was slewn by Sigurd, and Cadmus slew one and then sowed its teeth to sprout an army. The one protecting the apples of the Hesperides is named Ladon, while the patron saint of England slew one, as did Bel. For 10 points, name these mythological reptiles killed by George that sometimes breathe fire and protect hordes of gold.
ANSWER: **dragon**s

3. Early in life, this leader edited the Socialist newspapers *The Class Struggle*. He ruled the short-lived Republic of Salo, and rose to power with the support of squadrismo. This leader instituted a tax on bachelors to encourage population growth, and appointed Cesare Mori prefect of Tripani in order to control the power of the Mafia. In 1935, he ordered an invasion of Ethiopia, and he took power after the March on Rome. For 10 points, name this dictator nicknamed Il Duce, who was deposed in World War II by the Allies after leading the Fascist Party in Italy.
ANSWER: Benito **Mussolini** [prompt on Il **Duce** until mentioned]

4. Its thirteenth section, on the "Transference of Ills," discusses an Aborigine toothache cure, and its sixteenth section discusses an Aztec tradition in which a man was dressed as a god, worshipped for a year, and then eaten. Its thesis is that a marriage between a sun god and earth goddess formed the basis for ancient resurrection-based fertility cults. This book takes its name from an object used to enter the underworld in the *Aeneid*. For 10 points, identify this anthropological study of mythology and religion by James Frazer.
ANSWER: The **Golden Bough**: A Study in Magic and Religion

5. Rab9 is hyperactive in NPC1-deficient cells to ensure transport of this molecule. Enzymes in the endoplasmic reticulum's membrane convert squalene to this molecule, whose derivatives include bile acids and Vitamin D. Crystals of this molecule form during atherosclerosis, and this molecule can be carried by both high-density and low-density lipoproteins. For 10 points, name this lipid and precursor to steroid hormones.
ANSWER: **cholesterol**

6. Its protagonist warns some peasants that real life is serious in the aria "Un tal gioco, credete mi," then leaves with Beppe to prepare for a show. During the show, Nedda is confronted by the protagonist about her affair with Silvio, leading him to stab them both, after which Tonio speaks the final line, "La commedia e finita." Often paired with Mascagni's *Cavalleria Rusticana*, for 10 points, identify this *verismo* opera whose first act ends with the aria "Vesta la Giubba" and whose protagonist Canio is a sad clown, a work of Ruggerio Leoncavallo.
ANSWER: I ***Pagliacci*** [accept The ***Clowns*** or The ***Players***]

7. In this work, the young Wally dies of a burst appendix on a Boy Scout trip and the milkman Howie Newsome appears each morning in each act. The drunken Simon Stimson is the subject of much gossip and eventually hangs himself in his attic, becoming a member of the group of dead souls in the local cemetery. The group is joined by Emily Webb, who dies in childbirth after marrying George Gibbs. For 10 points, name this play in which the Stage Manager describes the town of Grover's Corners to the audience, a work of Thornton Wilder.
ANSWER: ***Our Town***

8. Friedrich Bessel discovered a wobble in this star, whose source was identified by Alvan Clark's discovery of its B star. Edmund Halley's studies of this star led to his theory of proper motion. Along with Betelgeuse and Procyon, this star forms the winter triangle, and it approximately lies along the line formed by Orion's belt. With an apparent magnitude of minus 1.46, it is the brightest star in the night sky. Located about 8.6 light years away, for 10 points, name this star found in Canis Major that is sometimes called the Dog Star.
ANSWER: **Sirius**

9. Men on the ticket in this election include the Governor of California, the co-recipient of the Nobel Peace Prize with Jane Addams, Milwaukee mayor Hiram Johnson, Nicholas Butler and Emil Seidel. Less than a week before this election, incumbent vice president James Sherman passed away. The first forty-eight state election, and the last to see an incumbent President finish third, for 10 points, name the year of this election lost by William Howard Taft of the Republicans and Theodore Roosevelt of the Bull Moose Party, which was won by Woodrow Wilson.
ANSWER: United States presidential election of 19**12**

10. The speaker of this poem cannot make his "will quite clear" but asserts that he "choose[s] never to stoop." "Some officious fool" brings a "bough of cherries" and merits the title character's "approving speech." "Courtesy was cause enough" to produce a "spot of joy" in the title figure, who has a "heart too soon made glad." Towards its end, the speaker entreats the listener to visit a statue of Neptune carved by Claus of Innsbruck. For 10 points, identify this poem about a painting by Fra Pandolf of a woman murdered by the narrator, written by Robert Browning.
ANSWER: "**My Last Duchess**"