1. One member of this group used his walking stick to bless the chaaju, and another member of this group composed the Baburdani. That one expounded the repetitive chanting of the divine's name, which is known as Naam Japna. Many banis, such as the Sukhmani, were compiled by the fifth member of this group, called Arjan Dev. Another member of this group created the Khalsa, which is formed by all people who obey the five Ks. The last person in this group was Gobind Singh who placed the Adi Granth in this group. For 10 points, name this group, including Nanak, who served as the leaders of Sikhism.
ANSWER: Sikh **Guru** [or **guru**s of **Sikhism**; prompt on **sikhs**]

149-12-59-08102

2. One thinker from this country developed three criteria for monetary equilibrium and predicted aggregate demand and prices would increase through a "cumulative process" when the natural and market rates of interest were different. Besides Wicksell, economists from this country include two who developed a theorem stating more capital abundant countries will export more capital intensive goods, the Heckscher-Ohlin theorem. Another man from here described the central "creed" that held people together in a work on race relations in the United States, *An American Dilemma.* For 10 points, name this country, the home of Gunnar Myrdal.
ANSWER: **Sweden**

121-12-59-08103

3. In one of this author's stories, a waitress who miscarries sends her child's ashes to each of her four past lovers because she believes that they are the title divine substance. The same collection, which includes "God's Bones," ends with the "gleanings" from his most famous novel, which contains glorious descriptions of the radiant Milky Way over a town and the beauty of Chijimi linens bleaching in the sun. A traveler is entranced by a female performer and dismayed to find out that she is underaged in this author's "The Izu Dancer." In his most famous work, a married man falls in love with Yoko while carrying on an affair with the geisha Komako in a hot springs town. For 10 points, name this author who wrote about Shimamura in *Snow Country.*
ANSWER: Yasunari **Kawabata**

020-12-59-08104

4. This ruler established the Order of Saint Michael to combat his enemy's Order of the Golden Fleece. Like his father, this ruler commanded troops known as *ecorcheurs*. When he was seventeen, he joined the Praguerie, a revolt against his father. He paid off his cousin Edward IV in the Treaty of Picquigny, and he also kept Edward IV off the throne during the Wars of the Roses by brokering an alliance between the Earl of Warwick and Margaret of Anjou. Francis II of Brittany led the League of the Public Weal in opposition to this son of Charles VII. His greatest enemy, Charles the Bold, was killed at the Battle of Nancy. For 10 points, name this French king whose nickname alludes to his scheming.
ANSWER: **Louis XI** [or Louis the Universal **Spider**; prompt on **Louis**]

079-12-59-08105

5. Some of the harmonies used in this piece were so bold that its composer quipped that "I shall be told to take a Conservatory class for these." One theme in this piece was cannibalized from a never-completed opera based on Gustave Flaubert's *Salammbo*. This work initially went unperformed due to its composer refusing to implement changes suggested by Balakirev. Stokowski's 1940 arrangement of this piece eliminated a fanfare marking the entrance of Chernobog. A setting of a Gogol short story, this piece depicts an event on St. John's Day, despite its appearance in *Fantasia* connecting it to Halloween. For 10 points, name this piece depicting a witch's sabbath near Kiev, a piece by Mussorgsky.
ANSWER: *St. John's **Night on Bald Mountain*** [or *St. John's **Night on the Bare Mountain***; or ***Noch' na lisoy gore***]

6. In addition to having a closed degenerate 2-form, symplectic manifolds have this property. Lie groups can also be understood as these types of manifolds. If a complex function has this property, its closed line integral will be zero. Meromorphic functions have this property at all but a set of isolated poles on the complex plane, and entire functions have this property for all values of the complex plane. The Weierstrass function does not have this property at any point, despite being continuous everywhere. The mean value theorem holds for functions with it on open intervals. This property does not hold for functions with singularities or cusps. For 10 points, name this property of functions whose tangent lines are not vertical.
ANSWER: **differentiable** [or obvious equivalents like "functions for which the derivative exists"]

7. One of the opposition parties in this country is called Politics Can Be Different. In 2006, this country's former prime minister was caught on tape stating, "We lied in the morning, we lied in the evening," regarding this nation's economy. In February 2012, this nation's airline Malev ceased operations. Robert Alfodi, director of this country's national theater, has been targeted by the far-right Jobbik Party. This country has been criticized for the authoritarian tendencies of the Fidesz Party and Prime Minister Viktor Orban. For 10 points, name this country which adopted a new constitution in January 2012, 95 years after ending its union with Austria.
ANSWER: **Hungary**

8. Much of this novel is set in Merripit House, where the antagonist ties his wife to the bedpost after pretending to be her brother. Its action begins when the doctor Mortimer brings news of the central death and the theft of a boot. One of its characters holds a candle in the window as a signal that food has been left for the escaped convict Selden, who dies after being chased by the title character. After learning that the school teacher Vandeleur has disguised himself as Stapleton, the protagonist of this novel summons Detective Inspector Lestrade. Stapleton uses phosphorus to reinforce fears of an old family curse, which prompts Sir Charles to die of a heart attack in Dartmoor. For 10 points, name this Arthur Conan Doyle novel in which Sherlock Holmes encounters a scary dog.
ANSWER: The ***Hound of the Baskervilles***

9. One reaction of this type produces the side products carbonyl sulfide and methanethiol after the formation of a xanthate intermediate. In another reaction of this type, an amine is oxidized by mCPBA in a 5-membered cyclic transition state. A more common reaction of this type differs from its counterpart because it does not have a carbocation intermediate and proceeds faster with an antiperiplanar configuration. Primary and secondary alkyl halides participate in that reaction of this type, and tertiary alkyl halides participate in its counterpart. According to Zaitsev's rule, these alkene-producing reactions will form more of the more stable alkene. Chugaev, Cope, E1, and E2 are types of, for 10 points, what reactions in which two substituents are removed from a molecule?
ANSWER: **elimination**s

10. Two answers required. A leader of one of these cities ordered the creation of the Megalopolis to defend against the other. One battle between these cities was sparked by the seizure of a sanctuary of Zeus at Elis by the Arcadians. In a battle between these two cities, one side made use of the "oblique order" formation. One king of this city sent Cleombrotus to attack the other after the other's leader was not permitted to sign a peace on behalf of all of Boeotia. That leader, Epaminondas, was killed at the last battle between them. Pelopidas led the Sacred Band of one of them against the other in battles for Greek hegemony after the Peloponnesian War. For 10 points, name these two Greek city-states that clashed at Mantinea and Leuctra.
ANSWER: **Thebes** and **Sparta**

11. The San Telmo district is the oldest neighborhood in this city, the site of the first settlement by Pedro de Mendoza. The Monserrat district houses many government buildings here, including the Pink House, its country's official executive mansion. The Pink House is located on its Plaza de Mayo, where 1945 demonstrations were held to protest the imprisonment of the Minister of Labor. This city was the capital of the last Spanish viceroyalty in the New World and the site of the May Revolution, which began the Latin American wars of independence. That aforementioned viceroyalty shares its name with the river that this city is at the mouth of, the Río de la Plata. For 10 points, name this capital of Argentina.
ANSWER: **Buenos Aires**

12. A statue of this god was carried on a barque during the Opet Festival. The oracle at the Siwah Oasis told Alexander the Great that his father was this god. Because the Romans identified Jupiter with this god, Iarbas is this god's son in the *Aeneid*. This consort of Mut and father of Khonsu was worshiped at the largest of the precincts of Karnak. This most important god of the Theban Triad was supposedly the father of Hatshepshut. This god, known as "the hidden one," was depicted with a ram's horns. For 10 points, name this Egyptian deity, who was syncretized with Re to form the supreme god of Egypt.
ANSWER: **Amun** [or **Hammon**; **Amon-Re**; prompt on **Re**; do not accept "Re-Aten" or other syncretisms]

13. One character created by his man disdains people who go for medical degrees instead of degrees in law and is stabbed to death after trying to free Frida. In another of his plays, several women hang up their coats and hats after a confrontation at revolver-point breaks out over a child's death in a fountain. This author wrote about four valets who are instructed by Count di Nolli to serve their master for eleven years in one play, in which a masquerade is the site of that master's fall from horseback. Madame Pace runs a brothel where the Step-Daughter works in one of his plays, in which a motley crew rehearses *Mixing It Up.* For 10 points, name this playwright who wrote about a madman believing himself to be an emperor in *Henry IV,* as well as *Six Characters in Search of an Author.*
ANSWER: Luigi **Pirandello**

14. One leader of this country instituted high financial barriers to the registration of new political parties through SECOM parties and issued Decree 88A. Thomas Quiwonkpa led a failed coup in this country against a Krahn leader. William Tolbert was the last True Whig president of this country and was replaced by a man who was executed on television by Prince Johnson. The rigged 1985 election in this country was won by Samuel Doe, who was replaced by a man who gave Pat Robertson special mining rights in this country. That former leader of this country was sentenced to 50 years in prison in Sierra Leone for war crimes and crimes against humanity. For 10 points, name this country once led by Charles Taylor.
ANSWER: Republic of **Liberia**

15. One character in this work gives orders for a trumpeter to watch the road from Seville from a tower, and then sings the aria "Ha! What a moment!" The first act ends with the chorus bidding farewell to warm sunlight, and the second act begins with a tenor singing an aria about the "spring days of life." After singing an aria about the necessity of money, Rocco allows the title character to come and help him dig a grave for a man who was imprisoned by Don Pizarro. Marzelline falls in love with the title character, unaware that "he" is actually a woman in disguise, on a mission to save her husband Florestan. For 10 points, name this work about Leonore, the only opera by Beethoven.
ANSWER: *Fidelio*

16. A simple example of these objects is the king post type, while the Howe and Pratt types differ only in the direction of the diagonal. A graphical method for analyzing these objects is the Maxwell-Cremona diagram. More commonly, these objects are analyzed in two or more parts using the method of sections, or by using the method of joints. These structures are characterized by passive revolute, or pin, joints; thus, unlike frames, analysis of these structures explicitly assumes a lack of moments. These structures consist of beams arranged to form triangles, which ensures they will not change shape when bearing a load. For 10 points, name these commonly-analyzed structures from statics, which are often used to support roofs and a namesake type of bridge.
ANSWER: **truss**es

17. The subject of this work refused to sit for it, forcing the artist to have his son stand on a ladder and put the subject's uniform on. Paul Delaroche was commissioned to create a more historically accurate version of this work. The bottom left corner of this painting contains stones inscribed with the names "Karolus Magnus" and "Hannibal." In the background, some soldiers are struggling to push a cannon along a path. The title character of this painting has a billowing orange cloak and points upward while "calm on a fiery" rearing horse in the St. Bernard Pass. For 10 points, name this Jacques-Louis David painting, in which the Emperor of the French goes over some mountains.
ANSWER: *Napoleon Crossing the Alps* [or *Napoleon Crossing the St. Bernard*]

18. At one point during this event, the home of prison reform activist Abigail Gibbons was attacked. During this event, volunteer troops were sent in from Fort Schuyler at Throgs Neck to restore order. Governor Horatio Seymour tried to stop it by telling a crowd that a certain law was unconstitutional. The Colored Orphan Asylum burned during this event, which did not affect the crime-filled Five Points neighborhood. It was keyed by a March law affecting all male citizens between ages 20 and 35, aside from those who could pay a $300 fee. For 10 points, name this July 1863 event that featured working-class whites assaulting blacks in protest of Civil War military policies, and which significantly damaged areas such as Broadway.
ANSWER: **New York** City **Draft Riots** [or **Draft Week**; accept synonyms for "riots"]

19. One of this author's poems describes four girls who encounter a starfish, a shell, a "horrible thing," and a "smooth round stone" before noting "it's always ourselves we find in the sea." In another of his poems, he claims the addressee opens him "petal by petal, as Spring opens...her first rose" and concludes "nobody, not even the rain, has such small hands." This poet of "maggie and milly and molly and may" and "somewhere I have never travelled, gladly beyond" described how "someones married their everyones and laughed their cryings and did their dance" in "anyone lived in a pretty how town." For 10 points, name this poet known for eschewing grammar and punctuation.
ANSWER: Edward Estlin **Cummings**

20. Along with cholestasis and growth retardation, overabundance of this substance is characteristic of GRACILE syndrome. One syndrome in which this substance is inappropriately absorbed is treated with deferoxamine. Mutations in HFE or hepcidin cause an overload of this element, resulting in diabetes and cirrhosis. This element binds to the DMT1 transporter in the gut, and regulates gene expression by binding to its namesake response element, which is found in the tail of TF mRNA. This element is found alongside sulfur in a certain cluster in aconitase, and this metal is also found in a protein that contains a glutamic acid to valine mutation in sickle cell anemia patients. For 10 points, name this metal, which is found in the oxygen-binding site of hemoglobin.
ANSWER: **Iron**

21. This play's protagonist compares his treatment of his enemies to "letting the cherry knock against their lips." That character later sings a song urging the addressee to "let us prove, while we can, the sports of love," and disguises himself as the mountebank Scoto. A disinherited son named Bonario thwarts the title character's attempted rape of Celia, who is pimped out by her formerly jealous husband. In this play, Corvino, Corbaccio, and Voltore are all tricked by Mosca into bestowing gifts on the title Venetian, who pretends to be on his deathbed. For 10 points, name this Ben Jonson comedy about a man labeled "the fox."
ANSWER: *Volpone*

22. The energies for the potential of one type of this system are equal to two times the number of loops of the wavefunction minus one. That wavefunction for one type of this system contains the terms one over the square root of two raised to the n times n factorial. The energy levels for that type of this system are related to n plus one-half times h-bar omega. The wavefunction for that system contains the Hermite polynomials and models a simple diatomic molecule. The square root of the spring constant over m is equal to the angular frequency of one type of this system. For 10 points, a displaced mass at the end of a massless spring is an example of the simple type of what system?
ANSWER: **harmonic oscillator** [or simple **harmonic oscillator**; or quantum **harmonic oscillator**]

23. One story says the final leader of this government made his escape in a car showing the American flag. Its first foreign minister caused a stir by sending a telegram promising "a convincing victory," which embarrassed the Kadet Party. This government was the supposed target of the Kornilov Coup. One story about its fall states that the cruiser *Aurora* fired a shot, kicking off an attack on the Winter Palace. This government was first led by Prince Georgy Lvov and then Alexander Kerensky, who was overthrown in the October Revolution. For 10 points, name this government established in March 1917 after the abdication of Nicholas II and replaced later that year by the Bolsheviks.
ANSWER: **Provisional Government** of Russia [or **Russian Republic**; accept **Lvov** government before read; accept **Kerensky** government before read; prompt on **Russia**, do not accept "Soviet Union"]

1. In one film, this man plays a factory worker who is fed by a malfunctioning machine before being eaten himself by an assembly of cogs and wheels. For 10 points each:
[10] Name this actor and director of silent films, who played the "Little Tramp" in works like *Modern Times* and *City Lights*.
ANSWER: Charlie **Chaplin**
[10] Chaplin parodied Adolf Hitler as "Adenoid Hynkel, ruler of Tomainia" in this film, in which a lowly Jewish barber is mistaken for Hynkel and promoted to his position.
ANSWER: *The **Great Dictator***
[10] Charlie Chaplin's rival, Buster Keaton, directed this silent film based on the Great Locomotive Chase. In one of its shots, Johnnie Gray rides the side-rod of a moving locomotive after his rejection by Annabelle Lee.
ANSWER: *The **General***

080-12-59-08201

2. This man's brother was one of the founders of the Second City comedy troupe. For 10 points each:
[10] Name this thinker, a practitioner of "economic anthropology." His works include *Stone Age Economics* and he is also noted for postulating a theory that hunter-gatherers were the "original affluent society."
ANSWER: Marshall **Sahlins**
[10] Sahlins identified three types of this process, the basis of non-market economies. A related form of it is the "gift economy," which values informal exchanges between individuals and groups.
ANSWER: **reciprocity** [or **barter**; prompt on **trade**]
[10] This gift-giving festival was popular among the Pacific Northwest tribes and involves the redistribution of tribal wealth. It was banned by Canada in 1884 because it was seen as wasteful, and it was studied by Franz Boas.
ANSWER: **potlatch**

052-12-59-08202

3. Name these knights from Arthurian myth, for 10 points each.
[10] This father of Galahad is most famous for betraying Arthur by sleeping with Guinevere, with disastrous consequences.
ANSWER: Sir **Lancelot** du Lac
[10] This king of Listenoise broke the "sword in the stone" in a duel with King Arthur. He is also known for chasing the Questing Beast.
ANSWER: King **Pellinore**
[10] This former Muslim and Christian convert also chases the Questing Beast. He shares his name with the inventor of dice in Greek myth, who proved that Odysseus wasn't insane by placing Telemachus in front of his plow.
ANSWER: Sir **Palamedes**

080-12-59-08203

4. This man depicted a bunch of happy workers in *Beer Street*, which he contrasted with the more shocking *Gin Lane*. For 10 points each:
[10] Name this 18th-century satirical English painter. He created *A Rake's Progress*.
ANSWER: William **Hogarth**
[10] In this Hogarth series, Earl Squanderfield arranges a union between his son and a merchant's daughter. Its entries include *The Tete-a-Tete* and *The Toilette*.
ANSWER: ***Marriage a la Mode***
[10] In *Marriage a-la-mode*, this lawyer has an affair with the Countess. He kills the Countess's husband after being caught.
ANSWER: **Silvertongue**

5. In "Under Ben Bulben," this poet wrote his own epitaph, reading, "Cast a cold eye on life, on death. Horseman, pass by!" For 10 points each:
[10] Name this Irish poet of "Sailing to Byzantium" and "The Second Coming."
ANSWER: William Butler **Yeats**
[10] In this poem, Yeats ponders how "a shudder in the loins engenders there the broken wall, the burning roof and tower and Agamemnon dead" in treating the title mythological rape.
ANSWER: "**Leda and the Swan**"
[10] Much of Yeats's poetry was inspired by this Irish revolutionary, who repeatedly refused his offers of marriage. Yeats asks, "Why should I blame her that she filled my days with misery?" at the beginning of "No Second Troy."
ANSWER: Maud **Gonne**

6. The Salviati family took part in this event. For 10 points each:
[10] Name this event in which members of the namesake family attempted to assassinate two members of the Medici family during Easter church services.
ANSWER: **Pazzi** Conspiracy
[10] Unlike his brother Giuliano, this man survived the Pazzi Conspiracy. This father of Pope Leo X was a capable ruler and patron of many artists, including Leonardo da Vinci.
ANSWER: **Lorenzo** de Medici [or **Lorenzo** the Magnificent; or **Lorenzo** il Magnifico]
[10] This name was shared by Lorenzo's father, called "the Gouty," and his incompetent son, who caused the family's 1494 to 1512 expulsion from Florence.
ANSWER: **Piero** de Medici [prompt on de **Medici**]

7. One character in this play keeps seeing hallucinations of his older brother Ben, who went into the jungle and came back a rich man. For 10 points each:
[10] Name this play about Willy Loman, who ultimately kills himself to provide for his family with his life insurance money.
ANSWER: ***Death of a Salesman***
[10] Willy's son, Biff, becomes disillusioned and loses his impulse to do well in school after he visits his father in Boston and realizes that his father is engaging in this activity while on the road.
ANSWER: **having an affair** [or obvious equivalents]
[10] This other dysfunctional family is the subject of Miller's play *All My Sons.* This family's patriarch Joe produced faulty airplane parts, leading to the deaths of several pilots in World War II.
ANSWER: **Keller**

8. In one construct named for him, photons are represented by wavy lines and gluons are depicted as spirals. For 10 points each:

[10] Name this colorful Caltech physicist best known for his namesake diagrams showing particle interactions. He was also part of the Manhattan project and the commission that investigated the Challenger disaster.

ANSWER: Richard **Feynman**

[10] Feynman is also known for his work on this formulation of quantum field theory. It applies the principle of least action to quantum mechanics by considering an infinite number of trajectories to give a quantum amplitude.

ANSWER: **path integral** formulation [prompt on partial; prompt on **line integral**]

[10] The principle of least action involves minimizing the time integral of this quantity. In quantum field theory, this quantity also has an associated density that is integrated over all of space-time to give the action.

ANSWER: **Lagrangian**

9. One member of this group was the former filibuster John A. Quitman. For 10 points each:

[10] Give the term for this political group, which consisted of extremist pro-slavery Southerners who pushed for secession from the Union. Other members included Robert Rhett and William Yancey, and they supported John Breckinridge for the presidency in 1860.

ANSWER: **Fire-Eaters**

[10] Quitman died in 1858, apparently after developing the mysterious "National Hotel Disease" while attending the inauguration of this President. This President did little during the Fort Sumter crisis, leaving the problems of the seceding South to his successor, Abraham Lincoln.

ANSWER: James **Buchanan**

[10] Quitman supported Narciso Lopez's 1850 journey to this location. Lopez intended for it to become independent and potentially a new slave state. The Ostend Manifesto was a proposed attempt to purchase it.

ANSWER: Republic of **Cuba** [or Republica de **Cuba**]

10. This plant's infestation of the Sepik River has been blamed for starving subsistence farmers in Papua New Guinea. For 10 points each:

[10] Name this plant that has spread from South America to six continents. Because its population can double in as little as six days, and because it forms "mats" that coat the surface of waterways, it is considered the world's worst invasive aquatic plant.

ANSWER: **water hyacinth** [or *Eichhornia*; or *Eichhornia crassipes*]

[10] Water hyacinths covered 80% of Uganda's shoreline of this lake just seven years after it was first observed there. The invasive water hyacinth and Nile perch have caused extinction of many cichlids in this large African lake.

ANSWER: Lake **Victoria**

[10] James Ogwang combated the Lake Victoria water hyacinth problem by introducing a natural predator, this kind of insect. This kind of beetle is found in the superfamily Curculionoidea, and a particularly damaging species lays its eggs in cotton crops.

ANSWER: **weevil**s

11. One signal to this event was the playing of the banned folk song "Grandola, Vila Morena" over the radio. For 10 points each:
[10] Name this April 1974 event that toppled the government of Marcelo Caetano. It began the end of its country's colonial war and featured no firing of shots.
ANSWER: **Carnation Revolution** [or **Revolucao dos Cravos**]
[10] The Carnation Revolution ended the Estado Novo dictatorship in this European country. This country's colonial wars took place in Angola and Mozambique.
ANSWER: **Portugal** [or **Portuguese Republic**; or **Republica Portuguesa**]
[10] During the Estado Novo, Portugal maintained an alliance with this country, as signified by a 1386 treaty and the marriage of John I of Portugal. That alliance with this country is the oldest diplomatic alliance still in force.
ANSWER: **England** [or **Great Britain**; or **United Kingdom**]

052-12-59-08211

12. This region's "House of Wonders" was built for Sultan Barghash bin Said. For 10 points each:
[10] Name this semi-autonomous part of a larger country. It consists of such islands as Ugunja and Pemba and is noted for its spice trade.
ANSWER: **Zanzibar**
[10] Zanzibar merged with Tanganyika in 1964 to form this modern day African republic, whose largest city is Dar es Salaam.
ANSWER: United Republic of **Tanzania**
[10] The two main islands of Zanzibar form the Spice Islands along with this other island owned by Tanzania, also known as Chole. Its name comes from an Arabic word meaning "group" or "archipelago," not from a more well known Italian word.
ANSWER: **Mafia** Island

052-12-59-08212

13. This work presents 18th and 19th-century cafés and salons as model environments for rational and critical discourse and the formation of public opinion. For 10 points each:
[10] Name this text which blames the rise of mass media, the commodification of ideas, and consumer culture for the title phenomenon and the decline of productive democratic intellectualism.
ANSWER: *The **Structural Transformation of the Public Sphere*** [or ***Strukturwandel der Öffentlichkeit***]
[10] *The Structural Transformation of the Public Sphere* was written by this German philosopher. He distinguished between strategic action and action aimed at achieving understanding in *The Theory of Communicative Action.*
ANSWER: Jürgen **Habermas**
[10] Habermas engaged in a series of debates with this French thinker who theorized deconstruction and wrote *Of Grammatology.*
ANSWER: Jacques **Derrida**

014-12-59-08213

14. One piece in this collection, "Wedding Day at Troldhaugen," is named for the summer home of the composer. For 10 points each:
[10] Identify this collection of piano pieces by a Norwegian composer. They also include "Watchman's Song" and "Butterfly."
ANSWER: *Lyric Pieces*
[10] This Norwegian composed incidental music to *Peer Gynt,* including "In the Hall of the Mountain King," in addition to composing *Lyric Pieces.*
ANSWER: Edvard **Grieg**
[10] This is the first piece on Grieg's *Lyric Pieces*. Grieg reused its main theme in the last lyric piece, "Remembrances."
ANSWER: "**Arietta**"

126-12-59-08214

15. This author coined the phrase "The pen is mightier than the sword" in his play *Richelieu.* For 10 points each:
[10] Name this English author whose most famous novel, *Paul Clifford,* tells the story of a man who lives a double life as a criminal and a gentleman.
ANSWER: Edward **Bulwer-Lytton**
[10] Notoriously, *Paul Clifford* begins with this seven-word phrase describing the time of day and weather conditions in the novel's setting of London. It is an infamous example of purple prose.
ANSWER: "**It was a dark and stormy night**"
[10] Bulwer-Lytton's novel *Pelham* is similar to this author's novel *Vivian Grey.* This man wrote several other political novels, such as *Coningsby,* as well as a novel about the working class entitled *Sybil.*
ANSWER: Benjamin **Disraeli** [or the 1st Earl of **Beaconsfield**]

052-12-59-08215

16. She once managed to kill two Centaurs who tried to attack her, and she was the mother of Parthenopaeus, a member of the Seven Against Thebes. For 10 points each:
[10] Name this woman from Greek myth, who defeated Peleus in a wrestling match during the funeral games for Pelias.
ANSWER: **Atalanta**
[10] Atalanta was the first to wound this mythological creature; the killing blow on it was struck by Meleager.
ANSWER: the **Calydonian boar**
[10] Atalanta and her husband Hippomenes were turned into lions in a temple to this goddess. Her consort was the self-castrated Attis.
ANSWER: **Cybele**

088-12-59-08216

17. Types of this phenomenon include contact and penetration. For 10 points each:
[10] Name this phenomenon in which two crystal intergrow in a symmetric manner.
ANSWER: **twinning**
[10] Growth twinning can be defined according to any of the three symmetry operations involved. Name one.
ANSWER: **reflection** across a twin plane [or **rotation** about a twin axis or **inversion** through a twin center]
[10] This form of contact twinning occurs when multiple twins occur along parallel planes.
ANSWER: **polysynthetic** twinning [or **lamellar** twinning; prompt on **multiple** twinning]

149-12-59-08217

18. This character plays the role of Laura in an amateur production of "Under the Gaslight." For 10 points each:
[10] Name this woman who begins the novel she appears in by arriving in Chicago from Wisconsin. She lives with the salesman Charles Drouet before beginning an affair with bar manager George Hurstwood.
ANSWER: **Carrie** Meeber [or Carrie **Meeber**; or **Caroline** Meeber; or "Sister **Carrie**"; or Caroline "Carrie" **Wheeler**]
[10] Carrie is the title character of *Sister Carrie,* which was written by this naturalist American writer. His other novels include *An American Tragedy.*
ANSWER: Theodore **Dreiser**
[10] In *An American Tragedy,* Clyde Griffiths causes Roberta Alden to drown by striking her head with one of these objects.
ANSWER: a **camera** [or obvious equivalents]

052-12-59-08218

19. He supported his cousin Pepin II as King of Aquitaine. For 10 points each:
[10] Name this son of Louis the Pious who was defeated by his brothers Charles the Bold and Louis the German at the Battle of Fontenay.
ANSWER: **Lothair** I
[10] Lothair received Italy and other regions from the Treaty of Verdun, which divided the kingdom of this grandfather of Lothair. This man was crowned by Leo III in Rome in 800 CE.
ANSWER: **Charlemagne** [or **Charles I**; or **Charles the Great**; or **Charles le Grand**; or **Carolus Magnus**; or **Karl der Grosse**; prompt on **Charles**]
[10] Prior to the Battle of Fontenay, Charles the Bold and Louis the German swore allegiance to each other in this document.
ANSWER: **Oath**s of **Strasbourg**

079-12-59-08219

20. This cycloalkane is used as a raw material in the production of nylon. For 10 points each:
[10] Name this compound whose conformations are known as chair and boat. It is formed by the complete reduction of benzene.
ANSWER: **cyclohexane**
[10] Cyclohexane can be produced from benzene in the Sabatier process, which involves adding this very light and explosive gas with molecular weight of around 2.
ANSWER: **hydrogen** gas [or **H2**]
[10] Modifications of cyclohexane allow it to react and form this derivative, a cyclohexane ring with a single double bond. Diels-Alder reactions create derivatives of this molecule.
ANSWER: **cyclohexene**

149-12-59-08220

21. Gary Fanelli protested this action by wearing a shirt saying "The Road to Moscow Ends Here" while competing in a marathon. For 10 points each:

[10] Name this action led by the U.S. in 1980 and by the Soviet Union in 1984, each in protest of the other's foreign policy. In 1984, this resulted in the U.S. winning a lot of gold medals in certain events.

ANSWER: **boycotting** the Summer **Olympics** [accept synonyms for "boycotting"]

[10] During the 1980 Summer Olympics, a gold medal winning pole vault jumper from this country enraged the Moscow crowd by making a defiant gesture in their direction. This country's border with the Soviet Union was known as the Curzon Line.

ANSWER: Republic of **Poland** [or Rzeczpospolita **Polska**]

[10] The wisdom of the original 1980 Olympic boycott was discussed at this annual meeting, which brings in over 100 powerful guests, who are mostly bankers from North American and Western Europe countries. First held in 1954 at a Dutch hotel which gives this meeting its name, it is the focus of many conspiracy theories.

ANSWER: **Bilderberg** Group [or **Bilderberg** conference; or **Bilderberg** Club]