



1. This character laments how "the double-meaning of life accuses me" in a soliloquy he begins by asking, "Were it possible, could I no longer do as I wish?" This character's daughter acquires horses from Rosenberg in order to travel with Lady Neubrunn to the grave of her beloved. In the final work in which he appears, this man flees to Eger, where he is killed in his bedroom by Macdonald and Deveroux. The commissioner Von Questenburg is sent to investigate this character's loyalty, while Octavio Piccolomini reveals to the Emperor this man's possible plan to defect to the Swedish forces. For 10 points, identify this title character of a trilogy of plays by Friedrich Schiller, a Bohemian general from the Thirty Years' War.
ANSWER: Albrecht von Wallenstein [or the Duke of Friedland]

029-13-83-19101

2. In one work, this thinker notes that we have accepted seeing "native" people naked because their breasts have become as unhuman as a cow's udders. This man discussed the development of a nation based on rituals, rather than conquest or tyranny in his book about a "Theater State," *Negara*. He compared the development of the title religion in Morocco and Indonesia in *Islam Observed*. This anthropologist constantly used "thick description" in works like *The Interpretation of Cultures*. For 10 points, name this champion of symbolic anthropology who wrote "Deep Play: Notes on the Balinese Cockfight."
ANSWER: Clifford James Geertz

192-13-83-19102

3. Frederic Triebert's "systeme 6" for this instrument became the international standard after its adoption by the Paris Conservatoire. Books for this instrument include A.M.R. Barret's exercises and a more modern text by Albert Andraud. Arnold Bax composed a quintet for Leon Goossens, the first player of this instrument to use diaphragm vibrato. Mozart's C major concerto for this instrument was later reworked into his second flute concerto. An early larger version of this instrument, called a hautboy, was often used in military processions. Because its pitch is secure, orchestras often tune to the concert A of this instrument, which represents the duck in Prokofiev's *Peter and the Wolf*. For 10 points, name this double-reed woodwind instrument.

ANSWER: oboe [or hautboy before it is mentioned if you're from the seventeenth century]

121-13-83-19103

4. This poet described how "all day long my heart was in my knee" in a poem about how the addressee's favors "and my mind may chime, and mend my rhyme." The speaker urges himself to "forsake thy cage, thy rope of sands" in one of his poems beginning, "I struck the board and cried, 'No more; I will abroad!'" In another poem, this poet of "Denial" told God, "A heart alone is such a stone, as nothing but thy power doth cut." He concluded, "if I imp my wing on thine, affliction shall advance the flight in me" in a poem originally printed sideways. For 10 points, name this metaphysical poet who included "The Altar" and "Easter Wings" in his collection *The Temple*.

ANSWER: George Herbert

014-13-83-19104

5. This organization is funded by a "quota" charged from member states based on their wealth. A leader of this organization got into trouble for agreeing in an interview that "they had a nice time and it is now payback time." This organization's research director, Olivier Blanchard, released a paper admitting that fiscal multipliers may have been at 1.5 rather than .5. This institution is typically headed by a European while its counterpart is headed by an American. A head of this organization got into legal troubles with Nafissatou Diallo, a maid who had alleged sexual assault. For 10 points, name this institution whose heads have included Christine Lagarde and Dominique Strauss-Kahn, an international lender along with the World Bank.

ANSWER: **IMF** [or **International Monetary Fund**]

080-13-83-19105

6. A war between these two countries erupted after one country was destabilized by its king's death by monkey bite. Each of these two countries agreed to give the other 1.5 million citizens in a population swap after a war they fought over the Megali Idea. In 1999, the relationship between these two countries improved through mutual aid provided when each was struck by an earthquake. In August 1923, both of these countries ratified the treaty of Lausanne, which ended a state of war between them that lasted for three years after World War I. For 10 points, name these two countries that dispute the island of Cyprus and parts of the Anatolian peninsula.

ANSWER: **Greece** and Republic of **Turkey** [accept **Türkiye** Cumhuriyeti for "Turkey"; accept **Hellenic Republic**, **Elliniki Dimokratia**, **Ellas**, or **Ellada** for "Greece"]

080-13-83-19106

7. This quantity at a temperature T can be found by subtracting αT^2 over $T + \beta$ from this quantity at absolute zero. This quantity is indirect when it requires a phonon-assisted transition due to energy maxima and minima not occurring at the same crystal momentum. Doping introduces new allowed states at fractional values of this quantity. At absolute zero, the Fermi level is half the value of this quantity. The wavelength of light absorbed or emitted by semiconductors can be calculated by using this quantity in Planck's relation. For 10 points, name this quantity that is the required energy to excite a carrier from the valence band to the conduction band.

ANSWER: **band gap** [prompt on **energy gap**; prompt on forbidden **energy band**]

190-13-83-19107

8. In Chinese myth, an animal of this color guards over autumn and the western quadrant of the sky. A book named for this color, from Rhyderch, provided source material for the Mabinogion. Except for their red ears, the hounds of Annwn are this color. Vortigern tried to build a castle where a dragon of this color defeated a red one, representing the Britons' defeat of the Saxons. A book claiming there was a pan-European matriarchal religion was titled for this kind of "goddess" and written by Robert Graves. Kalki will arrive riding a horse of this color, also the color of the bull with which Pasiphae fell in love. For 10 points, name this color of the sails unused by Theseus.

ANSWER: **white**

121-13-83-19108

9. The skin basement membrane of sufferers of this disease often shows a band of IgM. The presence of a protein named for and associated with this disease is found via the Dilute Russell's viper venom time. People with slow N-acetyltransferase are susceptible to a form of this disease caused by drugs like procainamide. This disease causes Libman-Sacks endocarditis and a form of nephritis with wire-loop abnormalities. This disease is partly caused by a break in tolerance caused by continuous exposure to apoptotic products of lymphocytes. This disease often presents with anti-Smith and anti-nuclear antibodies, and patients are hypersensitive to sunlight. For 10 points, name this autoimmune disease with a characteristic butterfly rash on the face.

ANSWER: **lupus** [accept **systemic lupus erythromatosis** or **SLE**]

048-13-83-19109

10. This man's imprisonment of Robert Serles provoked the Prebendaries' Plot against him, which was aided by his longtime nemesis Stephen Gardiner. According to legend, he publicly burned off the right hand that had "offended" by writing out a recantation. Late in life, this official was confined to the Bocardo prison with Nicholas Ridley and Hugh Latimer. Under his direction, the Forty-two Articles were written. He was executed during the Marian Persecutions for his role in such tasks as creating the litany used in the Book of Common Prayer. For 10 points, name this archbishop of Canterbury who spearheaded the English Reformation.

ANSWER: Thomas **Cranmer**

080-13-83-19110

11. One of this author's characters fails to stop at a chapel while leading a caravan past Agrava, and as a result falls victim to "the lurking Moslem's knife". One of his poems opens with the title character winging "his way above the sinful earth" lamenting his exile; that character is "abandoned, without love or hope!" after his kiss kills his love, the princess Tamara. In a novel by this man, Bela dies after being kidnapped by Kazbych, while the protagonist reunites with his ex-lover Vera after abandoning Princess Mary. Maxim Maximych appears in that novel, whose protagonist kills Grushnitzky in a dramatic cliffside duel. For 10 points, name this poet of "The Demon" who created the Byronic hero Pechorin in *A Hero of Our Time*.

ANSWER: Mikhail Yuryevich **Lermontov**

029-13-83-19111

12. The proof of the Crochemore-Perrin two-way algorithm relies on a lemma about "short" examples of these objects. In CIDR notation, the length of the network example of this entity is encoded after the slash. The second case of the "good rule" in the Boyer-Moore-Algorithm tries to match one of these components of the pattern to its counterpart in the target. The Huffman scheme creates a code that is said to be free of these. The prebuilt table in the KMP algorithm contains the length of the longest examples of these that obey certain requirements. In a different context, Polish notation is this type of notation because of the ordering of the operator relative to the operands. For 10 points, name these substrings of a string that start of the beginning of the string, unlike suffixes.

ANSWER: **prefixes**

001-13-83-19112

13. In a panel showing this scene, a woman whose red dress folds form a star sits reading on a bench topped by four lions, and a tiny naked man with a cross flies through a window trailing light. When closed, the *Ghent Altarpiece* depicts this scene above its patrons praying before two grisaille statues; by contrast, this scene occupies the left-most panel of the fully open *Isenheim Altarpiece*. This scene lies to the left of St. Joseph building a mousetrap in the center panel of the *Merode Altarpiece*. An altarpiece for Santo Domenico in Fiesole showing this scene was painted by Fra Angelico. For 10 points, name this Biblical scene, often followed by the Nativity, in which Gabriel informs Mary that she will be pregnant with Jesus.

ANSWER: **Annunciation** [prompt on descriptions of **Mary** being visited by **Gabriel**]

080-13-83-19113

14. This ruler agreed to allow the demolition of fortresses in the Treaty of Gerstungen, but fought the First Battle of Langensalza after his family's tomb was desecrated in the process. An enemy of this ruler supported Rudolf of Rheinfelden's ineffective rebellion against him and died hiding from him under the protection of Robert Guiscard. After conquering Rome, he put Guibert of Ravenna on the papal throne as Antipope Clement III, taking revenge against a pope who excommunicated him even after he put on a hairshirt and walked barefoot through the snow. For 10 points, name this Holy Roman Emperor who took the "walk to Canossa" while clashing with Pope Gregory VII in the Investiture Controversy.

ANSWER: **Henry IV** of the Holy Roman Empire [or **Henry VIII of Bavaria**; prompt on **Henry**]

080-13-83-19114

15. This quantity is responsible for the stability of point defects but not line or plane defects. A factor of root N factorial was introduced to this quantity to account for identical particles and keep this quantity extensive as this quantity increased by a factor of log 2 when two gases were mixed. The Rankine, Otto and Carnot cycles include two steps where this quantity is held constant. Two of the four common thermodynamic potentials include a negative term where it is multiplied by temperature. In the Clausius inequality, the change in it is given as the line integral of the change in total heat over time. It equals Boltzmann's constant times the log of the number of microstates. For 10 points, name this quantity symbolized S that represents the disorder of a system.

ANSWER: **entropy** [or **S** until it is read]

190-13-83-19115

16. In 1970, workers in this agency kicked off a wildcat strike in protest of a bill increasing Congressional pay by forty-one percent and their pay by four percent. Lysander Spooner created a private company to compete with this agency in the 1840s. Stephen Dorsey, Thomas J. Brady, and Brady Barlow were implicated in a corruption scandal involving this agency that was investigated by James Garfield; that was the Star Route Scandal. Heads of this agency have included Thomas Ewing, Montgomery Blair, and Benjamin Franklin. For 10 points, name this agency that oversees the sending of mail in the US.

ANSWER: United States **Postal Service** [or United States **Post Office** Department]

080-13-83-19116

17. This poem addresses "you who have waited for the angry resolution of those desires that should be yours tomorrow" before comparing speculation to a jaguar that "leaps for his own image in a jungle pool." This poem's second stanza describes how "the brute curiosity of an angel's stare" turns the viewer to stone. The speaker of this poem ambiguously asserts, "We shall say only the leaves flying, plunge and expire," before calling "the gentle serpent, green in the mulberry bush" the "sentinel of the grave who counts us all." For 10 points, name this ode describing a Civil War cemetery written by Allen Tate.

ANSWER: "**Ode to the Confederate Dead**"

014-13-83-19117

18. In one of this composer's operas, a voice from heaven announces the salvation of several souls subject to an auto-da-fe, and Princess Eboli sings about Achmet's attempt to seduce his own wife in the "Veil Song." He was forced to change the setting for another opera from Sweden to the United States to avoid Roman censorship; that opera is about the assassination of Gustavus III. In an opera by this composer, Giorgio sings "Pura siccome un angelo" to try to convince the title character not to marry his son. This composer of *A Masked Ball* wrote an opera about the love between Alfredo and the courtesan Violetta, who dies of tuberculosis. For 10 points, name this Italian composer of *Don Carlo* and *La Traviata*.

ANSWER: Giuseppe Fortunino Francesco **Verdi**

080-13-83-19118

19. A 1907 Danish silent film that depicts this activity was the subject of widespread protests, because its footage was not scripted. This activity is planned by empikas and carried out by several people who leave their village at dawn. The Rhodesian Ridgeback is bred specifically for this activity, which, if done successfully, results in a great deal of prestige among men in Maasai society. This activity was performed out of necessity by John Henry Patterson after the construction of the Kenya-Uganda railway was halted by the attacks of the Man-Eaters of Tsavo. For 10 points, name this activity, a centerpiece of traditional safaris which involves killing a large cat.

ANSWER: **lion hunt** [or synonyms; prompt on **hunting**]

020-13-83-19119

20. In the Taiwanese Yimin Festival, these animals are force fed and paraded. In Buddhism, a snake, bird, and this animal represent the three poisons, with this animal representing ignorance. The Mahayana Buddhist goddess of the dawn Marici is usually depicted riding on seven of these animals. When a demon named Hiranyaksha dragged the earth to the bottom of the sea, an avatar of Vishnu named Varaha took this form and raised the earth out of the sea. While in Gerasenes, Jesus cast Legion into a herd of these animals, which subsequently ran off of a cliff into the sea. For 10 points, name this type of animal which Leviticus 11:8 states is unclean to eat.

ANSWER: **pigs** [or reasonable equivalents, including **swine**; or **hogs**; or **pork**; or even **boars**]

030-13-83-19120

21. This movement presented Parliament with an act drafted by Virginia Woolf's great-grandfather, James Stephen. Thomas Clarkson got political traction for this movement by translating a prize-winning Latin essay he'd written seven years earlier. Josiah Wedgwood designed a famous medallion in support of this movement. Lord Mansfield gave this movement an early victory with his decision in *Somerset's Case*. The Zong massacre was used to create support for this movement by Granville Sharpe and Olaudah Equiano. This movement's champions were often evangelicals like John Newton and William Wilberforce. For 10 points, name this movement that sought to end the use of human chattel in the British empire.

ANSWER: British **abolitionism** [or **abolishing slavery** in Great Britain; or **abolishing** the **slave trade** in England]

080-13-83-19121

22. In one poem, this poet described the burning feeling of “cold dark deep and absolutely clear” water and observed, “it is like what we imagine knowledge to be.” In another of her poems, two owls fly away from the conflagration caused by the crashing of an illegal fire balloon. That poem concludes with the image of “a weak mailed fist clenched ignorant against the sky.” This poet of “At the Fishhouses” had a same-sex relationship with Lota de Macedo Soares in Brazil, which she wrote about in *Questions of Travel*. This poet advised the reader to “practice losing farther, losing faster” in a poem about things whose loss “is no disaster.” For 10 points, name this American poet of “The Armadillo” and “One Art.”

ANSWER: Elizabeth **Bishop**

014-13-83-19122

23. One of these paintings shows a wrinkled old man laughing and references the story of the ancient Greek painter Zeuxis, who died laughing. Another of these paintings shows its subject, shrouded in darkness, in front of two opposing semicircles. In one of these paintings, a man in kingly gold clothes gazes directly at the viewer and uses a maulstick as though it were a scepter. One of these paintings shows its subject dressed up as an Oriental nobleman with a dog, and several of them show their subject with his wife Saskia. It is said that the expressive eyes in these paintings remain the same despite their subject aging nearly five decades over their course. For 10 points, name these paintings by the artist of *The Night Watch* of himself.

ANSWER: **self-portraits** of **Rembrandt** van Rijn [prompt on partial answer; prompt on **portraits of Rembrandt** or **paintings of Rembrandt**]

080-13-83-19123



1. For 10 points each, answer the following about Geoffrey Chaucer's *Canterbury Tales*.

[10] This woman tells a story about a knight who learns what women want: sovereignty. She discusses her five husbands in her prologue.

ANSWER: the **Wife of Bath** [or **Alisoun**]

[10] In the Nun's Priest's tale, this septuply-married rooster tricks a fox into letting him go by telling him to taunt the animals chasing him.

ANSWER: **Chauntecleer** [or **Chanticleer**]

[10] In this person's tale, a demon disguised as a yeoman tricks a summoner into swearing he will never repent, then takes the summoner down to hell.

ANSWER: the **Friar**

080-13-83-19201

2. This subject of a 2005 Astra Taylor documentary divided the concept of "the real" into "symbolic", "imaginary", and "real" modalities. For 10 points each:

[10] Identify this author of *Welcome to the Desert of the Real*, a University of Ljubljana professor whose other books include *The Parallax View*, *The Sublime Object of Ideology*, and *Did Somebody Say Totalitarianism?*.

ANSWER: Slavoj **Zizek** [or **Zizek!**]

[10] Zizek's conception of "the real" built on the work of this Freudian psychoanalyst and author of *Ecrits*, whose other ideas include an unattainable object of desire called the "objet petit a" and the "mirror stage".

ANSWER: Jacques Marie Emile **Lacan**

[10] Zizek's book *First As Tragedy, Then As Farce* took its title from this German thinker's *The Eighteenth Brumaire of Louis Napoleon*. This man collaborated with Friedrich Engels on *The Communist Manifesto*.

ANSWER: Karl Heinrich **Marx**

029-13-83-19202

3. The protagonist of this novel has his first sexual experience with his wife by raping her on top of his brother Mario's grave. For 10 points each:

[10] Name this novel whose protagonist murders El Estirao, the lover of his sister Rosario and his wife Lola. It is written as two "found" letters written by the title character in prison.

ANSWER: *The* **Family of Pascual Duarte** [or *La* **Familia de Pascual Duarte**]

[10] Camilo Jose Cela, the author of *The Family of Pascual Duarte*, set *The Hive* at the end of this war. This war is the setting for Ernest Hemingway's *For Whom The Bell Tolls*.

ANSWER: the **Spanish Civil War**

[10] This other Spanish author moved to America as a child and wrote about Oliver Alden in the novel *The Last Puritan*, though he is better known as a philosopher.

ANSWER: George **Santayana**

080-13-83-19203

4. One example of this technique is used in Petrus Christus's *Portrait of a Carthusian Monk*, which includes a fly at the bottom. For 10 points each:

[10] Name this technique, French for "deceiving the eye," in which the subjects of paintings appear to pop out of their frames.

ANSWER: **trompe-l'oeil**

[10] This painter's work *Trompe-L'oeil* shows a sketch of several bulls on a sheet of paper attached to a wooden board. Encouraged to take up painting by Sir Joshua Reynolds, he produced 40 paintings of scenes from *Paradise Lost* and contributed to Boydell's Shakespeare Gallery.

ANSWER: Henry **Fuseli** [or Johann Heinrich **Fussli**]

[10] A more modern example is this woman's painting *The Suicide of Dorothy Hale*. This wife of Diego Rivera sported a unibrow.

ANSWER: Frida **Kahlo** de Rivera [or Magdalena Carmen Frieda **Kahlo** y Calderon]

020-13-83-19204

5. Answer the following about the 80th, or the "Do-Nothing," Congress, for 10 points each.

[10] The Congress got its nickname for being notoriously uncooperative with this president, who desegregated the armed forces and succeeded FDR.

ANSWER: Harry S. **Truman**

[10] The Congress did manage to pass this amendment, which set a term limit for the presidency.

ANSWER: **Twenty-Second** Amendment to the United States Constitution

[10] Faced with a low approval rating, Truman called this special session of the Congress, challenging them to live up to their promise to pass much-needed legislation. It's named for the 25th of July in Missouri, on which you sow a certain vegetable, "wet or dry."

ANSWER: **Turnip** Day Session

020-13-83-19205

6. This equation includes two four-by-four Hermitian, anti-commuting matrices symbolized alpha and beta. For 10 points each:

[10] Name this equation which extends the Schrodinger equation to relativistic motion. It led to the prediction of antimatter.

ANSWER: **Dirac** equation

[10] The Dirac equation only applies to these particles. Electrons are one example of these particles, which have half-integer spin.

ANSWER: **fermions**

[10] Dirac also introduced bra-ket notation for quantum mechanics. In that notation, a function inside of a bra indicates that this operation is being applied to the function.

ANSWER: **complex conjugate**

190-13-83-19206

7. This city's namesake national park is located to its south, and this city lies east of the Ngong Hills. For 10 points each:

[10] Name this city whose suburb of Eastleigh is known as "Little Mogadishu" because of its large number of Somali immigrants. This city is the location of Kenyatta National Hospital.

ANSWER: **Nairobi**

[10] This city is the site of Fort Jesus and contains Kilindini Harbor. It's the principal port of Kenya.

ANSWER: **Mombasa**

[10] These nomadic peoples reside in the southern portion of Kenya and in Tanzania. Young men of this group are known as morans and their ceremonial events are conducted by oloiboni.

ANSWER: **Maasai**

030-13-83-19207

8. This film opens with documentary footage of scorpions. For 10 points each:

[10] Identify this film in which two lover's attempts to consummate their relationship are thwarted by bourgeois French society. This surrealist comedy includes a scene in which a woman erotically sucks on the toes of a religious statue.

ANSWER: *L'Age d'Or* [or *The Age of Gold*; or *The Golden Age*]

[10] This man directed, and worked with Salvador Dali on the screenplay for, *L'Age d'Or*. The two collaborated on another movie in which a young man dresses in a nun's outfit.

ANSWER: Luis **Buñuel**

[10] This aforementioned Buñuel/Dali collaboration opens with the director cutting an eye with a razor. At one point in this film, ants crawl out of a young man's hand.

ANSWER: *Un chien andalou* [or *An Andalusian Dog*]

066-13-83-19208

9. Answer some questions about a disease common in European royalty, for 10 points each:

[10] This disease results from the inability to clot blood. One form of it is caused by mutations in von Willebrand factor.

ANSWER: **hemophilia**

[10] Hemophilia A, or the "royal" form of hemophilia, is caused by a mutation in this blood clotting factor, which actually circulates in a complex with von Willebrand factor.

ANSWER: Factor **VIII** [or factor **eight**]

[10] This other blood clotting factor has a mutation named for the city of Leiden which renders it unable to be cleaved by activated protein C. That mutation causes excessive clotting in veins.

ANSWER: factor **V** [or factor **five**]

048-13-83-19209

10. This man's murderers fled to New Haven, where Goffe, Whalley, and Dixwell avenues commemorate them. For 10 points each:

[10] Name this king reviled for his attempts to raise ship money and for his marriage to the Catholic Henrietta Maria. He was beheaded in 1649.

ANSWER: **Charles I** [prompt on **Charles**]

[10] Before the English Civil War, Charles I pursued these failed conflicts in Scotland after an attempt to impose the Book of Common Prayer.

ANSWER: **Bishops' Wars**

[10] This Archbishop of Canterbury under Charles I carried out the "thorough" campaigns of reforms to standardize religious policy and, as detractors such as William Prynne claimed, make it more like Catholicism.

ANSWER: William **Laud**

104-13-83-19210

11. The British memorial to John F. Kennedy is at this location. For 10 points each:

[10] Name this water-meadow west of London that is the most likely site for the 1215 sealing of a certain document that limited the king of England's powers.

ANSWER: **Runnymede**

[10] The signer of the Magna Carta, King John, was the son of this woman, who married his father Henry II after annulling a marriage with Louis VII of France.

ANSWER: **Eleanor** of Aquitaine

[10] John signed the Magna Carta after losing to Philip Augustus as part of a coalition at this 1214 battle, which strengthened French holdings on Brittany and Normandy.

ANSWER: Battle of **Bouvines**

192-13-83-19211

12. In one of this author's plays, the one-armed Johnny is killed, possibly due to his betrayal of Robbie Tancred. For 10 points each:

[10] Name this Irish playwright of *Shadow of a Gunman* and *Juno and the Paycock*.

ANSWER: Sean **O'Casey**

[10] O'Casey provoked riots at the Abbey Theater with this play, in which Jack Clitheroe dies during the Easter Rising.

ANSWER: *The **Plough and the Stars***

[10] In *Shadow of a Gunman*, Minnie Powell saves Donal Davoren by removing a bag full of these items from his room before the Black and Tans show up.

ANSWER: **bombs** [or **grenades**; or **explosives**]

080-13-83-19212

13. Damocloids, minor planets with long-period and very eccentric orbits that lack comet tails, are thought to come from this region. For 10 points each:

[10] Name this hypothesized spherical region that lies outside of the Kuiper belt at the far edge of our solar system.

ANSWER: Opik-**Oort Cloud**

[10] The inner section of the Oort Cloud, usually named for Hills, is thought to have this shape. For spiral galaxies, this component contains the spiral arms and is paired with the halo and central bulge.

ANSWER: **disc**

[10] Models, such as those by Julio Fernandez, suggest that this other region of the solar system may be the primary source of objects in the Kuiper Belt. The highly elongated orbits of bodies in this region are due to Neptune.

ANSWER: **scattered disc**

149-13-83-19213

14. One representative of this organization once treated a man to a fine dinner with nice cigars, then immediately threatened his guest with death unless he testified against the "inner circle" of the Western Federation of Miners. For 10 points each:

[10] Name this detective agency founded by a Scottish immigrant, the avowed enemy of striking laborers everywhere.

ANSWER: **Pinkerton** Government Services [or **Pinkerton** National Detective Agency; or **Pinkertons**]

[10] Pinkerton got his start by claiming to have thwarted the Baltimore plot to assassinate this president. He was assassinated anyway four years later by John Wilkes Booth.

ANSWER: Abraham **Lincoln**

[10] The aforementioned Pinkerton Agent, James McParland, got Harry Orchard to confess to the murder of this Governor of Idaho. Orchard claimed to have killed this man on Big Bill Haywood's orders.

ANSWER: Frank **Steunenberg**

020-13-83-19214

15. For 10 points each, identify these writers who wrote about the state of New York.

[10] The real-life mobsters Otto Berman and Dutch Schultz mentor the title Bronx kid in this author's novel *Billy Bathgate*. His novel *Ragtime* is a panoramic of New York City in the early 20th century.

ANSWER: E. L. **Doctorow**

[10] Francis Phelan kills a scab during a trolley strike in New York in this author's novel *Ironweed*, the most famous of his "Albany Cycle."

ANSWER: William J. **Kennedy**

[10] This earlier author wrote *A History of New York* using the pen name Diedrich Knickerbocker. As Geoffrey Crayon, he wrote the stories "The Legend of Sleepy Hollow" and "Rip Van Winkle."

ANSWER: Washington **Irving**

020-13-83-19215

16. The two dimensional form of this technique can be used to follow the breakage and formation of hydrogen bonds at very high speed. For 10 points each:

[10] Name this type of spectroscopy which uses wavelengths longer than visible light in order to probe the vibrational modes of molecules

ANSWER: **IR** spectroscopy [or **infrared** spectroscopy]

[10] This functional group has an IR spectrum with a sharp peak around 1700 inverse centimeters. Grignard reagents attack this functional group to form alcohols.

ANSWER: **carbonyl** [accept **aldehyde** or **ketone**]

[10] This type of spectroscopy commonly used in femtochemistry uses a pair of laser pulses spaced close together to follow the progress of a reaction as it happened. It was invented by Ahmed Zewail.

ANSWER: **pump-probe** spectroscopy

048-13-83-19216

17. The mortal woman Tyro lusted after one of these gods, enabling Poseidon to disguise himself as that god and sire Pelias and Neleus. For 10 points each:

[10] Name these gods, which include the aforementioned Enipeus and the horn-deprived Achelous. Another of them, Peneus, changed Daphne into a laurel tree.

ANSWER: Greek **river** gods [or **Potamoi**]

[10] Putting a coin in a corpse's mouth bought passage via Charon across this other river, which divided the Earth and the Underworld.

ANSWER: **Styx** [or **Acheron**]

[10] According to the *Metamorphoses*, the river god Achelous got into a fight with Heracles over Deianira, resulting in Achelous' humiliating loss of this body part.

ANSWER: his **horn**

020-13-83-19217

18. This man described “the Antilles pitted with smallpox, the Antilles dynamited with alcohol” in his most famous poem. For 10 points each:

[10] Name this Martinique poet of *Notebook of a Return to the Native Land*.

ANSWER: Aime **Cesaire**

[10] Cesaire, along with Leopold Sedar Senghor and Leon Damas, co-founded this literary movement. This postcolonial movement strove to find a common black identity in the face of French racism.

ANSWER: **Negritude**

[10] This other Caribbean poet from St. Lucia wrote "A Far Cry from Africa" and the play *Dream on Monkey Mountain*.

ANSWER: Derek **Walcott**

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19. Answer the following about social apartheid in countries that are not South Africa, for 10 points each.

[10] In 2005, much rioting occurred in this European country due to the squalor of its banlieu suburban housing projects, primarily inhabited by North African immigrants.

ANSWER: **France**

[10] The "City of God" is a famous example of these overpopulated, heavily policed urban shantytowns in Brazil.

ANSWER: **favelas**

[10] Some allege that roadblocks and these locations, found throughout the West Bank, foster a social apartheid in Israel by restricting the movements of Palestinians.

ANSWER: Israeli **checkpoints** [or Israeli Defense Forces **checkpoints**; or **machsom**; or **hajez**]

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20. Name these techniques used in singing classical music and opera, for 10 points each:

[10] The *Lacrimosa* from Mozart's *Requiem* calls for this technique, a dramatic lowering of one's singing voice for emphasis.

ANSWER: **sotto voce**

[10] In this technique, singers attempt to artificially reach notes higher than their normal vocal range.

ANSWER: **falsestto**

[10] The performer who sings the "Queen of the Night" aria from *The Magic Flute* employs this virtuoso technique, characterized by wide leaps, trills, and other elaborate flourishes.

ANSWER: **coloratura**

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21. Under pressure from her own party to change her economic policies, this woman referenced Christopher Fry and declared that "The lady's not for turning." For 10 points each:

[10] Name this Conservative prime minister who governed Britain in the 1980s.

ANSWER: Margaret Hilda **Thatcher** [or Margaret Hilda **Roberts**]

[10] This political slogan, meaning "We ourselves," was used by Irish nationalists in the early twentieth century. It lent its name to a party founded by Arthur Griffith.

ANSWER: **Sinn Féin**

[10] Dolores Ibarruri, also known as "The Passion Flower," is best-known for coining this slogan to inspire the Spanish Republicans during the Siege of Madrid. Robert Nivelle and Philippe Petain have been attributed with saying this phrase during the Battle of Verdun.

ANSWER: **They shall not pass** [or **No pasarán**; or **Ils ne passeront pas**]

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