

1. One of this character's friends sees a man spitting off a bridge and immediately hires that man, Planchet, to be this character's servant. This character is shot in the throat at Maastricht and dies shortly after receiving a promotion. He develops a rivalry with the "Man from Meung," who steals his introduction letter and is revealed to be the Comte de (*) Rochefort. He and his landlord's wife Constance Bonancieux convey diamonds from the Queen to the Duke of Buckingham, despite the interference of Milady de Winter. This character's namesake romances include the novel *The Vicomte de Bragelonne*, which ends with *The Man in the Iron Mask*. For 10 points, name this character who befriends Athos, Porthos and Aramis in *The Three Musketeers*.

ANSWER: D'Artagnan [or Charles Ogier de Batz de Castelmore, Comte d'Artagnan]

<Bentley>

2. This composer created a "mike tone" by having the trombone play above the clarinet for a song he composed with Benny Bigard. At the 1956 Newport Jazz Festival, Paul Gonsalves played a solo for 27 choruses during one of this composer's songs, reviving his career. This composer of "Diminuendo and Crescendo in Blue" and (*) "Sophisticated Lady" featured Johnny Hodges and Juan Tizol in his band, whose signature tune was co-written with Billy Strayhorn. His orchestra played at the Cotton Club from 1927 to 1931, performing standards such as his "Mood Indigo." For 10 points, name this pianist and bandleader who wrote the standards "Take the A Train" and "It Don't Mean a Thing (If It Ain't Got That Swing)."

ANSWER: Edward Kennedy "Duke" Ellington

<Gioia>

3. In spectroscopy, thermal motion of particles causes line broadening via this effect. Within an optical trap, this effect can be used to cool atoms; that setup is used to create Bose-Einstein condensates. At relativistic speeds, this effect's namesake factor is the Lorentz gamma times the quantity one minus v divided by the speed of light. Special relativity predicts a transverse version of it. At lower speeds, the wave (*) velocity is added or subtracted from the receiver or source speed in the numerator and denominator, respectively, of the factor multiplying the frequency. For 10 points, identify this effect in which the relative motion of the emitter and observer causes a shift in the observed frequency of a wave.

ANSWER: Doppler effect

<Mukherjee>

4. The concept of "deferred action" was used to explain away the horribly botched facial surgery endured by one of these figures. Another of them was a Russian emigrant whose name derived from the stark-white figures he observed in a tree outside his window. One of these figures witnessed a carriage overturn in a park, leading his reactions to clattering noises to be bizarrely blamed on large horse (*) genitalia. These individuals included the "Wolf Man," a boy called "Little Hans," and Anna O., and they were used to illustrate concepts like repression, castration anxiety, and thanatos by the author of *Civilization and its Discontents* and *The Interpretation of Dreams*. For 10 points, name these figures who were treated and used as case studies by the Austrian founder of psychoanalysis.

ANSWER: patients of Sigmund Freud [accept all reasonable equivalents like "clients," "subjects," "case studies," etc. as long as the answer has Freud in it; accept *The Interpretation of Dreams* or just Sigmund Freud before "these figures"]

<Ray>

5. An attempt to tax fruit by this city's Spanish rulers led to the rebellion of Masaniello. A later rebellion here involved this city liberating itself from Nazi occupation in a namesake “four days.” This city, where the rulers were supported by the lower-class Lazzaroni, was where Emma Hamilton met Horatio Nelson during Nelson’s mission against the (*) Parthenopean Republic here. Later in the Napoleonic era, this home of the Camorra was ruled by Joseph Bonaparte and Joachim Murat. This target of Garibaldi’s Expedition of the Thousand was the seat of the Kingdom of the Two Sicilies. For 10 points, name this Italian city in the environs of Vesuvius.

ANSWER: Naples [or Napoli]

<Weiner>

6. This god's daughter once used a love charm to make Io fall in love with Zeus and was transformed into a wryneck as punishment. This god swore off all clothes after being kicked by Hercules, who was dressed as Omphale, out of their bedroom. He spread his namesake frenzy among a group of shepherds, who tore Echo limb from limb after she ran away from this god. In a contest judged by Timolus, (*) Midas grew ass's ears by ruling in favor of this god against Apollo. River nymphs transformed his love interest Syrinx into some reeds, from which this god fashioned a musical instrument. He is equated with the Roman Faunus, had goat legs, and loved to play the pipes. For 10 points, name this son of Hermes, a satyr.

ANSWER: Pan [or Faunus before mentioned]

<Mukherjee>

7. Jerry Pournelle wrote, “it’s raining soup, and [this politician] has the blueprints for soup bowls” in his preface to this man’s manifesto “Window of Opportunity.” This man praised zoos in *A Nation Like No Other* and chronicled Pope John Paul II’s role in ending communism in the film *Nine Days that Changed the World*. Attack ads against this man by Restore Our Future used footage from a global warming commercial he made with Nancy Pelosi. He produced two (*) *Restoring God in America* films with his wife Callista, and he has been attacked for serving as an advisor for Freddie Mac. For 10 points, name this unsuccessful candidate for the Republican nomination who was once Speaker of the House.

ANSWER: Newton Leroy “Newt” Gingrich [or Newton Leroy McPherson]

<Bentley>

8. In one novel set in this city, the title character eyes a woman who reminds him of his dead wife Minna Davis during an earthquake. *Post Office*, *Factotum*, and *Ham on Rye* are among the works about a native of this city named Henry Chinaski. The “Burning” of this city is painted by Tod Hackett, who befriends Homer Simpson in another novel set in this city. Kathleen Moore become the mistress of (*) Monroe Stahr in another novel set here. This setting of Nathanael West's *The Day of the Locust* is also the home of Philip Marlowe, who appears in *The Big Sleep*. For 10 points, name this city home to Charles Bukowski, also the setting of F. Scott Fitzgerald’s *The Last Tycoon*, which centers on a movie executive in Hollywood.

ANSWER: Los Angeles, California [or L.A.; accept Hollywood until it is read]

<Bentley>

9. This country was home to the city of Cuscatlán, built by the Pipil people. The dissatisfaction of indigo planters led men like Manuel Jose Acre and Jose Matias Delgado to organize an independence movement in this nation. The Fourteen Families in this country presided over its switch to a coffee economy. Men like Jose Maria Lemus and Oscar Osorio took power here in the Majors' Revolution, and it fought its eastern neighbor in the (*) Soccer War. The assassination of Archbishop Oscar Romero sparked a civil war in this country in the 1980s. For 10 points, fighting between Jose Napoleon Duarte and the FMLN occurred in what small Central American country?

ANSWER: El Salvador

<Bentley>

10. Some cells in this organ develop from the ultimobranchial body, and dysgenesis of this organ is linked to Pax8 mutations. This organ descends through the foramen cecum during development. Granulomas appear in this organ in De Quervain's disease. In another disease, anti-peroxidase antibodies attack this organ. Exophthalmos, or eye-popping, is a symptom of overstimulation of this organ, whose main product is cleaved from colloid and is secreted by (*) follicular cells. C cells in this organ secrete a peptide that opposes the action of PTH, called calcitonin. The main product of this organ is created by fusing two molecules of tyrosine together and adding iodine, which is why iodine deficiency causes goiter. For 10 points, name this gland in the neck.

ANSWER: thyroid

<Mukherjee>

11. This author wrote a story hinging on the Zhuangzi-esque question of whether a victim of a motorcycle accident dreams he is a Moteca Indian, or vice-versa. In another story by this author of "The Night Face-Up," Roberto Michel sees a middle-aged woman trying to seduce a young boy in an old photograph he took. That story, "Las Babas del Diablo", was adapted into Michelangelo (*) Antonioni's film *Blow-Up*. The infant Rocamadour dies in his most famous novel, which describes Serpent Club member Horacio Oliveira's search for La Maga and begins with a "Table of Instructions" on how to proceed through its chapters, 99 of which are "expendable". For 10 points, name this Argentine author of *Rayuela*, or *Hopscotch*.

ANSWER: Julio Cortazar [or Jules Florencio Cortazar]

<Bollinger>

12. One of these pieces begins with a melody whose series of dissonant minor seconds make it seem like the pianist is playing the wrong notes. In the second of these pieces, the right hand's third, fourth, and fifth fingers play rapid chromatic passages. They are collected in their composer's Opus 10 and Opus 25, and include pieces nicknamed "Ocean" and (*) "Winter Wind." They were the first piano pieces of their type to become concert pieces rather than simple technical challenges. The twelfth of them was inspired by an 1830 uprising in their composer's home country and is nicknamed "Revolutionary." For 10 points, name these studies for piano written by a Romantic Polish composer.

ANSWER: Frederic Chopin's etudes [prompt on partial answer; prompt on Frederic "Chopin's studies", "studies", or equivalents]

<Mukherjee>

13. The OSCAR dataset maps these entities, which are responsible for mixing isopycnic parcels via cabbeling. Stommel showed that their “westward intensification” was due to gradients in the Coriolis force. The total flux due to these phenomena is measured in Sverdrups. One driving force for them is variations in temperature and salt concentration; those differences drive (*) upwellings and downwellings. Wind forcing results in net transport via these entities at 90 degrees to the wind direction, a process called Ekman transport. Sediment buildup causes the “turbidity” type of these entities. Examples of another form of these entities include the Kuroshio, North Equatorial, and Antarctic circumpolar. For 10 points, name these flows of water through the Earth’s oceans.

ANSWER: oceanic currents [accept oceanic circulation; prompt on "flow" or "ocean flow"; prompt on anything that implies water is moving]

<Mukherjee>

14. A "pseudo-" version of this author is known as "the Old Oligarch." One of his works has a section about the fictional King Abradatas and tells of how its subject diverted a river to attack Babylon. Another of his works has an episode in which the protagonists cry "Thalatta! Thalatta!" after finding the Black Sea. One of his works was an early example of the "mirrors for princes" genre, a biography entitled the (*) *Cyropaedia*. Another of his works details how several officers were killed after going to Tissaphernes' feast, and how the protagonists won the Battle of Cunaxa on behalf of Cyrus the Younger. For 10 points, name this historian who detailed the Expedition of the Ten Thousand in his *Anabasis*.

ANSWER: Xenophon

<Mukherjee>

15. On one holy day honoring this figure, followers offer bael-tree leaves and cold water, or draw three stripes of ash across their foreheads to commemorate the digging of the Well of Wisdom, or *Jnana Vapi*, in his holiest temple. This deity detected a fellow god’s lie about reaching the end of an infinitely-tall tower of fire, since he was actually the tower, and removed the fifth (*) head from that liar, Brahma. Often depicted crushing a dwarf with one foot in the air, he is worshiped using stump-like structures called *lingams*. Though not Neptune, he wears a crescent moon in his matted hair and wields a trident. For 10 points, name this consort of Parvati who can incinerate others by opening his third eye, a Hindu Trumurti member and destroyer god.

ANSWER: Shiva [accept Siva; accept Maha Shivaratri until “this figure” is read]

<Jackson>

16. This poet wonders "what made fatuous sunbeams toil / To break earth’s sleep at all?" in a work beginning "Move him into the sun." The speaker of another of his poems asks, "What candles may be held to speed them all?" before asserting that the "holy glimmers of goodbyes" will shine "not in the hands of boys but in their eyes." This poet of "Futility" described the "shrill, demented choirs of wailing (*) shells" in a sonnet that asks "What passing-bells for these who die as cattle?" In another poem, he wrote of an "ecstasy of fumbling" prompted by a gas attack which left a man "guttering, choking, drowning." For 10 points, name this poet of "Anthem for Doomed Youth" who decried "the old Lie" in "Dulce et Decorum Est" and died in World War I.

ANSWER: Wilfred Edward Salter Owen

<Gioia>

17. In his work in this discipline, Aristotle considered a sea battle that happened in the distant past in formulating his own "master argument." Another work in this field analyzes the doctrines of being, essence, and concept. Residues and concomitant variations are two of five of Mill's methods in this field. The creation of possible worlds by adding qualifiers, like adding the word "usually" to "Eric is sad," is the province of the (*) "modal" form of it. One law in this field postulates the excluded middle. DeMorgan's laws apply to the operators in this field, which uses a construction made up of a major premise, a minor premise, and a conclusion. For 10 points, name this field of philosophy that uses the syllogism and is concerned with deductive reasoning.

ANSWER: logic [accept word forms]

<Neithalath>

18. One member of this group went on to found the Death Valley Chamber of Commerce. Their targets included a man who was trying to sell a used radio, Steven Parent; the heir to the Folger Coffee fortune; and hair stylist Jay Sebring. A different member of this group was, along with Sarah Jane Moore, one of two women who attempted to (*) assassinate Gerald Ford in 1975. This group was exposed when Susan Atkins bragged about their killings to another inmate and was put on trial in a 1970 spectacle which included Lynette Fromme protesting outside the courthouse with swastikas carved into her forehead. For 10 points, name this cult which found secret messages in Beatles songs, especially "Helter Skelter," and killed actress Sharon Tate in 1969, among eight others.

ANSWER: the Family [or the Manson Family; or the Mansons]

<Weiner>

19. This artist painted a dwarf with extra-long fingers named Achille Empereire. This artist of *Pyramid of Skulls* placed apples around an armless statue in his *Still Life with Cherub*. A man in a black coat with his back to the viewer looks at a nude and her black servant in a work exhibited alongside this man's *House of the Hanged Man*. Besides A (*) *Modern Olympia*, he painted trees forming a triangle above a group of nude women in *The Large Bathers*. He also executed numerous versions of *Card Players*. He painted several landscapes of a mountain visible from his house in Provence. For 10 points, name this French post-impressionist and proto-cubist fond of painting *Mont Sainte-Victoire*.

ANSWER: Paul Cezanne

<Bentley>

20. This substance comes in "white fuming" and "red fuming" varieties at 16 molar concentration. It is commonly mixed with water at 68% concentration, at which it forms an azeotrope. Modern methods of producing pure forms of this strong oxidizing agent involve dehydrating the product with sulfuric acid and bubbling the reactant through hydrogen peroxide instead of water. Its large-scale production is done by mixing five equivalents of diatomic oxygen with four equivalents of (*) ammonia in the presence of a platinum/rhodium catalyst in the Ostwald process. Its pK_a is approximately negative 1, and mixing it with hydrochloric acid gives aqua regia. For 10 points, name this compound with formula HNO_3 , a very strong acid.

ANSWER: nitric acid [accept HNO_3 or nitrate before mention; prompt after]

<Mukherjee>

21. **This man names a phenomenon that charged particles undergo when repeatedly reflected by a magnetic mirror, his namesake acceleration. In a semiconductor, he names the energy of the highest occupied quantum state. The probability of a quantum eigenstate transition is given by his "Golden Rule". This man's theory of beta decay posited the creation of a neutrino via the weak force. With (*) Dirac, this scientist names the distribution followed by particles of half-integer spin, which also carry his name. This man discovered several new elements by irradiation with slow neutrons, and he names element number 100. For 10 points, name this Italian physicist who created the first self-sustaining nuclear chain reaction and participated in the Manhattan Project.**

ANSWER: Enrico Fermi

<Mukherjee>

22. **In one battle in this war, James Hope Grant's forces captured the Eight-Mile Bridge, and in another, the USS *San Jacinto* destroyed the Pearl River Forts. One side intervened in this war due to the execution of August Chapdelaine. Lord Elgin burned the Summer Palaces during this conflict. After this conflict, the Office of Foreign Affairs was created as part of the (*) Self-Strengthening Movement by Prince Gong. This conflict began after a Red Ensign was taken down after the *Arrow* was boarded, which violated the Treaty of Nanking. For 10 points, name this conflict between China and a British-French alliance, the second in a series of conflicts to ensure a certain narcotic could be exported.**

ANSWER: Second Opium War [prompt on "Opium War" till "second", accept after; accept Second Anglo-Chinese War or Second China War before "China", prompt after; accept Arrow War till "Arrow", prompt after; accept Anglo-French expedition to China till "China", prompt after]

<Mukherjee>

23. **This character is forced to manage a garden for two years before escaping his enslavement by the Salé Rovers with the boy Xury. After this character discovers in Lisbon that he has accrued a fortune from Mr. Wells profitably managing his sugar plantation in Brazil, he crosses the Pyrenees, where he is attacked by wolves during a snowstorm. This character convinces a man who worships (*) Benamuckee to call him "master." He meets a parrot named Poll and discovers a mysterious single footprint in a place dubbed "Despair" and found near the mouth of the Orinoco. While on that island, this character fights off cannibals with the help of Friday. For 10 points, name this Alexander Selkirk-inspired stranded sailor, the title character of a Daniel Defoe novel.**

ANSWER: Robinson Crusoe [accept either underlined portion]

<Gioia>

24. **This leader is tricked into signing a peace treaty with the Gibeonites and orders the execution of Achan for illegally taking plunder. He is commanded to hold out his javelin towards the city of Ai, a sign that the city will fall into his people's hands. Along with Caleb, he is the only scout to give a positive report regarding the invasion of (*) Canaan. This leader sent in spies to one city, where they met a prostitute named Rahab. In one battle, this man defeated the Amorites after praying for the sun to stand still. He instructed his priests to blow trumpets during his defeat of Jericho. For 10 points, name this man, whose namesake book describes his leadership of the Israelites after Moses.**

ANSWER: Joshua [or Y'hoshua or Hoshea]

<Cheyne>

1. Because this man ascribed heresies to the teachings of philosophers like Plato and Aristotle, he is often regarded as an exemplar of the anti-intellectualism of the early Church. For 10 points each:

[10] Name this Carthaginian author, perhaps best known for originating the term "trinity."

ANSWER: **Tertullian** [or Quintus Septimius Florens **Tertullianus**]

[10] The trinity posed some problems regarding the deity of Christ, the chief concern of this first ecumenical council, convoked by Constantine the Great in 325. Despite popular misconceptions, it had nothing to do with determining the canon.

ANSWER: First Council of **Nicaea** [no need to prompt on **Nicaea**, but do not accept "Second Council of Nicaea"]

[10] Books like Tobit and Judith are considered to be canon by this Christian community found in Egypt.

ANSWER: **Coptic** Christianity [or **Coptic** Orthodox Church of Alexandria]

<Gupta>

2. Identify the following about some equestrian statues, for 10 points each.

[10] This work by the Rococo sculptor Etienne Maurice Falconet sees the title Russian figure and his steed standing on a gigantic boulder known as the "Thunder Stone."

ANSWER: The **Bronze Horseman** [or the **Equestrian Statue of Peter the Great**; or the **Copper Horseman**]

[10] Gutzon Borglum's equestrian statue of Philip Sheridan is located in Washington, D.C., but Borglum is better known for this landmark located in the Black Hills of South Dakota.

ANSWER: **Mount Rushmore** National Memorial

[10] This Renaissance artist created the *Funerary Monument to Sir John Hawkwood*, which was painted to look like it was an equestrian statue. Another of his paintings depicts Niccolò da Tolentino on horseback during a battle.

ANSWER: Paolo **Uccello** [or Paolo di **Dono**]

<Bentley>

3. During this era, a period of economic expansion and the flourishing of the arts took place in its Genroku Period. For 10 points each:

[10] Identify this government that was ended by an era of rapid industrialization called the Meiji restoration. Ieyasu was its first leader.

ANSWER: **Tokugawa** Shogunate [or **Tokugawa** Period; or **Edo** Period; or **Tokugawa** Bafuku; or **Edo** Bafuku]

[10] The Tokugawa Shogunate began after the defeat of forces loyal to Toyotomi Hideyori at this 1600 battle. Ishida Mitsunari was a losing commander here.

ANSWER: Battle of **Sekigahara** [or Battle of the **Sundered Realm**]

[10] The Tokugawa shogunate had a policy of persecuting these people. Amakusa Shiro led an uprising of peasants, most of whom were these people, in the Shimabara Rebellion.

ANSWER: **Christians** [or **Kirishitan**; accept Roman **Catholic** but no other denomination]

<Bentley>

4. This state's northernmost county, Aroostook, was the subject of an 1830s “war” resolved by the Webster-Ashburton Treaty. For 10 points each:

[10] Name this state, which contains Speckled Mountain in the eastern section of the White Mountain National Forest.

ANSWER: **Maine**

[10] Cadillac Mountain, named for an 18th-century French explorer, rises on Mount Desert Island in this Maine national park.

ANSWER: **Acadia** National Park

[10] This peak in Baxter State Park is Maine's highest point and the northern end of the Appalachian Trail.

ANSWER: Mount **Katahdin**

<Hoppes>

5. This process occurs when a neutron collides with the nucleus of a heavy atom, and reactors that use it have graphite control rods that absorb neutrons. For 10 points each:

[10] Identify this process that occurs in nuclear reactors, in which a heavy atom is split into lighter ones.

ANSWER: nuclear **fission**

[10] This value, which is calculated from the density, fudge factor, cross section, and number of scattering events, is the minimum amount of fissile material required for a nuclear chain reaction.

ANSWER: **critical mass**

[10] This is the mass of the fissile isotope of uranium. It makes up less than one percent of naturally occurring uranium, which is why enrichment is important.

ANSWER: **235**

<Mukherjee>

6. The protagonist of this novel uses the memory of his lazy father Unoka as motivation to excel and gains renown after defeating Amalinze the Cat in a wrestling match. For 10 points each:

[10] Name this 1958 novel by Chinua Achebe. It tells of the life and eventual suicide of the village leader Okonkwo and takes its title from Yeats’s “The Second Coming”.

ANSWER: **Things Fall Apart**

[10] Okonkwo, like Akunna and Ogbuefi Ezeudu, is a clan leader in this Igbo village. Many of its residents, including Okonkwo’s son Nwoye, are converted to Christianity by Mr. Brown.

ANSWER: **Umuofia**

[10] Okonkwo commits “nso-ani” by engaging in this action during the Week of Peace, for which he is fined a length of cloth and one hundred cowries.

ANSWER: **beating** his third **wife** Ojiugo [or **beating Ojiugo**; accept synonyms for “beating” and prompt on partial answers]

<Carson>

7. A Roman philosopher who took his surname from this school of thought was the first to formulate the regress argument. For 10 points each:

[10] Name this school of thought, which contends that all knowledge comes from experience. It is the cornerstone of the philosophy of science due to its emphasis on experimental evidence.

ANSWER: **empiricism** [or word forms]

[10] Different truths-by-themselves can be derived because empiricism is incompatible with the traditional analytic/synthetic distinction according to this thinker's *Two Dogmas of Empiricism*.

ANSWER: Willard van Orman **Quine**

[10] Quine also argued that any number of hypotheses about how to perform this action may be defended, thus leading to its indeterminacy. Walter Benjamin argued that the "task" of the person doing it is to aspire to "pure language."

ANSWER: **translation** [or word forms]

<Neithalath>

8. Philip II upholds Juan Crespo's decision to execute an army captain who had abducted his daughter Isabel in this man's play *The Mayor of Zalamea*. For 10 points each:

[10] Identify this seventeenth-century dramatist who depicted the unusual effects of an isolated childhood on Seigismundo, the son of the King of Poland, in his play *La Vida es Sueño*, or *Life is a Dream*.

ANSWER: Pedro **Calderon** de la Barca [or Pedro **Calderon** de la Barca y Barreda Gonzalez de Henao Ruiz de Blasco y Riaño]

[10] Calderon, like the Culteranist poet Luis de Gongora and his Conceptist rival Francisco de Quevedo, is an author from the "Golden Age" of literature in this Iberian country.

ANSWER: Kingdom of **Spain** [or Reino de **España**]

[10] This Spanish author invented the term "nivola" to describe his works that were not quite novels, such as *Niebla* and *San Manuel Bueno, Martir*. He also wrote philosophical works like *The Tragic Sense of Life*.

ANSWER: Miguel de **Unamuno** y Jugo

<Carson>

9. This phylum's members alternate between a motile medusa stage and a sessile polyp stage, and during development they only have two germ layers bound by a mesoglea. For 10 points each:

[10] Name this phylum of simple animals which includes hydras, jellyfish, and sea anemones.

ANSWER: **cnidarians**

[10] Cnidarians lack this middle germ layer, which in humans is sandwiched between the ectoderm and endoderm and develops into the connective tissues and muscles of the body.

ANSWER: **mesoderm**

[10] A common model organism used to study development is this amphibian, which is useful due to its large oocytes. The gray crescent appears on the dorsal side of its embryo during gastrulation.

ANSWER: **Xenopus** laevis [or **X laevis** or African **clawed frog**; prompt on "frog"]

<Mukherjee>

10. Identify the following about tanks, for 10 points each.

[10] The first combat use of tanks was at the village of Flers during this World War I battle, which also included the South African defense of Delville Wood.

ANSWER: Battle of the Somme [or Somme offensive]

[10] Although around a thousand of the second iteration of these German tanks were used in the Invasion of Poland, Allied tanks with 50 or 75 millimeter weapons started rendering that iteration ineffective.

ANSWER: Panzer Tank [or Panzerkampfwagen]

[10] 1961 saw a tank standoff at this German border crossing. Peter Fechter's body was stranded here a year later, and it's now home to the Allied Museum.

ANSWER: Checkpoint Charlie [prompt on "Berlin Wall"]

<Bentley>

11. One leader of this place, Ilus, was blinded when the Palladium was sent to earth. For 10 points each:

[10] Identify this city whose walls were built by Poseidon and Apollo.

ANSWER: Troy

[10] The first king of Troy was this son of Ilus, under whose rule the walls of Troy were built. He was killed by Heracles after refusing to give up his magic horses.

ANSWER: Laomedon

[10] This son of Priam and abductor of Helen was exposed on a hillside as a child. During the Trojan War, he managed to kill Achilles with an arrow.

ANSWER: Paris

<Mukherjee>

12. This symphony calls for eight trumpets, eight French horns, seven trombones, three different choirs, and an organ. For 10 points each:

[10] Name this symphony, whose second part is based on the final scene from *Faust, Part Two*. It begins with a setting of the hymn "Veni, creator spiritus."

ANSWER: Symphony No. 8 in E-flat Major [or "Symphony of a Thousand"]

[10] The "Symphony of a Thousand" was written by this Austrian composer of *The Song of the Earth*, whose second symphony is nicknamed "Resurrection."

ANSWER: Gustav Mahler

[10] Mahler's score also calls for this keyboard instrument that produces sound by striking metal bars. Tchaikovsky featured it in his "Dance of the Sugar Plum Fairy."

ANSWER: celesta [or celeste]

<Thompson>

13. Answer the following about Anthony Ashley Cooper, the 7th Earl of Shaftesbury, for 10 points each.

[10] Shaftesbury was a political ally of this prime minister, who commanded the force that defeated Napoleon Bonaparte at the Battle of Waterloo

ANSWER: Arthur Wellesley, 1st Duke of Wellington [accept either underlined portion]

[10] In 1832 Shaftesbury opposed the first two of these acts that expanded British suffrage, on the grounds that they would cause class warfare.

ANSWER: Reform Acts [or Reform Bills]

[10] Shaftesbury pushed for an 1875 act banning this form of child labor after the death of George Brewster. Workers in this profession were prone to a type of skin cancer of the scrotum, suffocation, and bone deformities.

ANSWER: chimney-sweeping [accept equivalents]

<Bentley>

14. For 10 points each, answer the following about boxplots.

[10] The length of the "box" in a boxplot is given by this range between the data points in the twenty-fifth and seventy-fifth percentiles.

ANSWER: **interquartile** range [or **IQR**]

[10] These data points are depicted as circles or asterisks on a boxplot. They represent values that are unusually different from the rest of the data set and may indicate errors in their collection.

ANSWER: **outliers**

[10] Traditionally, outliers are data points greater than this many interquartile ranges beyond the upper or lower quartiles.

ANSWER: **1.5** [or **3/2**]

<Wynne>

15. Identify the following about linguistics, for 10 points each:

[10] This subfield of linguistics deals with the rules of how words and other elements form grammatical sentences.

ANSWER: **syntax**

[10] This other subfield consists of the description and analysis of units of meaning in a language, such as words, affixes, and parts of speech.

ANSWER: **morphology**

[10] This subfield examines the ways in which context affects meaning. Such context might consist of the situation or knowledge of the participants.

ANSWER: **pragmatics**

<Bentley>

16. The speaker describes how "the Sabbath rang slowly / in the pebbles of the holy streams" at the end of the second stanza of this poem, which tells of a time when the speaker "was young and easy under the apple boughs." For 10 points each:

[10] Identify this poem by the author of *Under Milk Wood*, which ends with the lines "Time held me green and dying, though I sang in my chains like the sea."

ANSWER: **"Fern Hill"**

[10] The author of "Fern Hill," Dylan Thomas, also penned this famous villanelle for his dying father, which urges the addressee to "rage, rage against the dying of the light."

ANSWER: **"Do Not Go Gentle Into That Good Night"**

[10] This poem, an early success for Thomas, describes figures whose "bones are picked clean", saying that "Though they sink through the sea they shall rise again" and averring "Though lovers be lost love shall not."

ANSWER: **"And Death Shall Have No Dominion"**

<Carson>

17. The title figure holds a flower pot in his portrait *Woman with Plants*, while his oddly-bulging landscapes include *Young Corn*. For 10 points each:

[10] Identify this artist who depicted three haughty ladies in front of *Washington Crossing the Delaware* in one painting.

ANSWER: Grant **Wood**

[10] Grant Wood is best known for this painting, in which a farmer holds a pitchfork next to his spinster sister.

ANSWER: **American Gothic**

[10] This other American Regionalist painter included scenes like *Pioneer Days* and *Huckleberry Finn* in his *Social History of the State of Missouri*, located in the capitol building in Jefferson. He also painted *Cut the Line*.

ANSWER: Thomas Hart **Benton**

<Bentley>

18. The pro-slavery Lecompton constitution was advanced during this conflict, and Charles Sumner gave a speech about the “crime” of the state it took place in. For 10 points each:

[10] Identify this conflict which was set off by an incident in which Charles Dow was shot by a pro-slavery settler, leading to John Brown joining the conflict. It included the Wakarusa War and Potawatomie Massacre.

ANSWER: **Bleeding Kansas** [or **Bloody Kansas**; or the **Border War**]

[10] This was the name given to pro-slavery elements who came into Kansas from Missouri in order to turn Kansas into a slave state.

ANSWER: **Border Ruffians**

[10] This abolitionist preacher raised money to buy rifles for anti-slavery forces during Bleeding Kansas, which were known as his namesake “bibles.”

ANSWER: Henry Ward **Beecher**

<Mukherjee>

19. The sum of the exponents in these laws gives the overall order of the reaction, and they are usually derived through kinetic experiments. For 10 points each:

[10] Name these laws that describe how fast a chemical reaction will occur given the concentrations of the reactants.

ANSWER: **rate** law

[10] The rate law for a reaction can be derived from analyzing these sub-steps of a reaction. These are steps in a reaction mechanism in which a set of intermediates turns into another set of intermediates with no other species in between.

ANSWER: **elementary** step

[10] The slowest elementary step in a reaction is given this name, indicating its importance to finding the velocity of the overall reaction.

ANSWER: **rate-determining** step [or **rate-limiting** step]

<Mukherjee>

20. This book's protagonist researches his collateral ancestor Cass Mastern and refers to Adam Stanton as the "man of idea," while his boss is the "man of fact." For 10 points each:

[10] Name this book about Jack Burden, who serves as the personal aide to the increasingly corrupt Governor Willie Stark.

ANSWER: *All The King's Men*

[10] This proponent of New Criticism and the Southern Agrarian movement co-founded the *Southern Review* with Cleanth Brooks and wrote *All The King's Men*.

ANSWER: Robert Penn Warren

[10] This character served as a father figure to Jack Burden, until Jack learns that his taking of a bribe early in his career indirectly caused Mortimer Littlepugh's suicide.

ANSWER: Judge Montague Irwin [accept either underlined portion]

<Graebner>

21. The Westermarck effect is a reverse version of this type of learning that is thought to prevent incest. For 10 points each:

[10] Name this type of learning that usually takes place in childhood. An excellent example is a group of geese following the first thing they see after they hatch.

ANSWER: **imprinting**

[10] This scientist discovered the imprinting mechanism with his experiments on graylag geese. This biologist also wrote *King Solomon's Ring* and *On Aggression*.

ANSWER: Konrad **Lorenz**

[10] The window for imprinting is given this name. After this span of time, imprinted behaviors can no longer occur.

ANSWER: **critical** period

<Mukherjee>

22. [Moderator: Do not read "Irish" or "Ireland" in the answer if the first part is missed]

It was the political goal of Isaac Butt, and the legislation providing for it failed twice, in 1886 and 1893.

For 10 points each:

[10] John Redmond nearly achieved what political ambition, supported by Charles Parnell and opposed by the Orange Order?

ANSWER: Irish **Home Rule** [or the **Government of Ireland** Act; or the **independence of Ireland**]

[10] Home Rule meant separate governments in Great Britain and this present-day country, which became independent thanks to a treaty signed by Michael Collins.

ANSWER: **Ireland** [do not accept or prompt on "Northern Ireland"]

[10] One blow to the Home Rule movement was the spurious accusation of involvement by Parnell in this 1882 mass killing of British government figures, actually perpetrated by the Invincibles.

ANSWER: the **Phoenix Park** murders

<Ueda>

23. In one scene in this work, the Father entices Madame Pace to return to the stage by putting coats and hats on racks. For 10 points each:

[10] Identify this play, ostensibly set during a staging of its author's other play *The Rules of the Game*, which ends with the drowning of the Child and the suicide of the Boy.

ANSWER: ***Six Characters in Search of an Author*** [or ***Sei Personaggi in Cerca d'Autore***]

[10] An actor becomes convinced he is actually a certain Holy Roman Emperor after falling off his horse and hitting his head in *Henry IV*, a play by this Sicilian author of *Six Characters in Search of an Author*.

ANSWER: Luigi **Pirandello**

[10] Pirandello's best novel is this 1904 work, in which the title character wins a small fortune gambling in Monte Carlo, finds that he has been declared dead, and decides to adopt a new identity.

ANSWER: *The **Late Mattia Pascal*** [or *Il **Fu Mattia Pascal***]

<Carson>