

1. **This character sings the aria "Là ci darem la mano" to serenade Masetto's fiancée, and later assaults her in a ballroom, only to be stopped by three masked guests. He orders his servant to throw a party at which the guests are encouraged to drink "until they are tipsy." This character fails to make Zerlina one of the ten additions that he had predicted in his (*) "Champagne Aria." His exploits are described in the "Catalogue Aria," which is sung by Leporello to dissuade Elvira from pursuing him. In the final scene of the opera named for him, a statue of the Commendatore drags him to hell for his sins, which include his one thousand and three conquests in Spain. For 10 points, name this master seducer, the title character of an opera by Mozart.**

ANSWER: Don Giovanni [prompt on "Don Juan"]

<Thompson>

2. **This empire made use of artificial lakes called Barays in their irrigation projects. One ruler of this empire funded the construction of a new capital by employing *tamrvac* tax collectors. Another ruler launched several campaigns against Dai Viet before placing Harideva on the Champa throne. The Bayon and the Bauphon are among the architectural projects created by this empire, whose first ruler declared independence from the (*) Saliendra dynasty on Java. Another ruler of this dynasty constructed a complex with a central quincunx of towers representing the peaks of Mount Meru; that was Suryavarman II. For 10 points, name this polity which lent its name to a Communist party led by Pol Pot and was an ancient Cambodian empire.**

ANSWER: Khmer empire

<Mukherjee>

3. **A creature of this kind disappears after a thief uses four stakes to raise up its sleeping owner; that animal's absence in Chapter 23 of its work was attributed in Part II to Gines de Pasamonte. One of them sees a vision of Isis on a beach and is turned back into a person. In a novel set in Andalusia, a silver one named Platero travels with Juan Ramon Jimenez. Lucius becomes one of these in a late Roman novel by (*) Apuleius, often titled for a "Golden" one. One of them known in the original as "el rucio", or "the grey", is owned by a man promised the governorship of an insula. That one, whose name is more commonly translated as "Dapple", accompanies the old nag Rocinante. For 10 points, name this type of animal ridden by Sancho Panza in *Don Quixote*.**

ANSWER: donkeys [or asses]

<Jackson>

4. **The Bible was translated into this country's language by John Ross. One religion from this country worships the god Hanuelli and inspired the Eastern Learning Uprising and the March 1st movement. In the 1980s, this country, home to the world's largest megachurch, was ruled by a Methodist leader who converted many Buddhist temples into national parks and persecuted monks, infuriating its (*) Jogye Order. Another religion from here outlines its beliefs in the *Divine Principle*, which states that its leader and his wife are the "True Parents" of humanity. This is the birthplace of a religious leader who conducted marriages between hundreds of couples at a time. For 10 points, name this country, home to the Unification Church led by Sun Myung Moon.**

ANSWER: South Korea [or Republic of Korea; or Daehanminguk; accept North Korea, Democratic People's Republic of Korea, or Choson Minjujuui Inmin Konghwaguk until "megachurch", do NOT accept or prompt after]

<Mukherjee>

5. Irregularly-emitting variants of these objects are known as RRATs. The first-known eclipsing binary involving one type of these objects harbors a brown dwarf and one of these known as the "Black Widow." Soft gamma repeaters are believed to be another sub-type of these celestial objects. Star quakes are thought to cause increases in rotational speed known as glitches in these objects, whose existence was hypothesized by (*) Walter Baade and Fritz Zwicky. One type of these objects is found at the center of the Crab Nebula. Like white dwarves, they are held in hydrostatic equilibrium by degeneracy pressure. For 10 points, name these objects that result from core-collapse supernovae, named for the chargeless particle found in atomic nuclei.

ANSWER: neutron star [or pulsar; anti-prompt on "magnetar"]

<Hothem>

6. The protagonist of one of this man's novels is diagnosed with "grun-tumolani" and, in an effort to fulfill the voice in his head that repeats "I want," visits Arnewi, where he meets Romilayu and moves a statue of Mummah. The hero of another of his novels considers killing Valentine Gersbach, who is sleeping with his ex-wife Madeleine, and composes letters to men like Nietzsche and Dwight Eisenhower. One of this author's protagonists is shipwrecked while aboard the *McManus*; that (*) Chicagoan had earlier traveled to Mexico with Thea and worked for the financier Einhorn in the picaresque novel titled for him. For 10 points, name this Nobel-winning Jewish author of *Henderson the Rain King*, *Herzog*, and *The Adventures of Augie March*.

ANSWER: Saul Bellow [or Solomon Bellow]

<Bentley>

7. An assassination at the White Tower monument killed this nation's longest-serving monarch. One of this nation's Prime Ministers overthrew its second king during the Goudi coup. The Chanak Crisis followed one defeat of this nation's military, which included a leader who backed EOKA guerrillas. Anger with the terms of the Treaty of (*) London caused Bulgaria to attack Serbia and this nation in the Second Balkan War, during which this nation was led by Constantine I. A nationalist movement called Megali Idea sought to expand this nation's territory into the Ottoman Empire and may have been responsible for several military defeats to Turkey. For 10 points, name this nation whose Balkan War victories gained it control over Crete.

ANSWER: Greece [or Hellenic Republic]

<Kothari>

8. These interactions are responsible for the sixth power term in the Lennard-Jones potential, and using a multipole expansion followed by the Unsold approximation allows the introduction of ionization potentials to explain it. The strength of these interactions is proportional to the product of the polarizability volumes, and these interactions are the reason that heavier halogens are liquids and solids and lighter ones are (*) gases. The strength of these interactions increases with the size of the atoms involved because larger electron clouds can form dipoles more easily. For 10 points, name this weak intermolecular force, a subset of van Der Waals forces between instantaneous dipoles.

ANSWER: London dispersion forces [accept van Der Waals forces until "liquids", prompt after]

<Mukherjee>

9. One artist from this country showed a mother rising in surprise as her disheveled son returns from political exile in a follow-up to a painting where that man gets arrested. That same artist from this country was a member of The Wanderers and showed eleven men hauling a boat along a river. Another artist from this country painted watercolors he called *bagatelles* in addition to *The Garden of Love*, one of his (*) Improvisations. That second artist from this nation painted a man on a white horse darting across a field in a painting that names an art movement that also included the German-born Franz Marc. For 10 points, name this country home to artists like Blue Rider member Wassily Kandinsky.
ANSWER: Russia [or the USSR; or the Soviet Union]

<Bentley>

10. In an autobiography, a young Bertrand Russell exclaims "Great God in boots!" about this idea, which led him to his Hegelian phase. One work refuting this idea, titled for a figure from Psalms 14:1 and 53:1, is called *On Behalf of the Fool*, and contains Gaunilo's fallacy of the Lost Island. Kant argued against this idea for using predicates improperly. In the fifth section of *Meditations on First Philosophy*, Descartes uses the "clear and distinct" test to advance this claim. It was first put forth in (*) 1078 in the *Proslogion*, which posits "something than which nothing greater can be thought." For 10 points, name this argument that an imagined being isn't truly perfect unless it's real, used by Anselm to prove God's existence.
ANSWER: the ontological argument for the existence of God [prompt on "argument for the existence of God" or similar answers]

<Jackson>

11. This composer quoted the Book of Jeremiah and a speech given by John Bright on the eve of the Crimean War in the fifth movement of a cantata which opens with a setting of the Agnus Dei. His first symphony contains settings of such poems as "Passage to India" and "On the Beach at Night Alone," while his second symphony repeatedly quotes the tune played on the bells of (*) Westminster Abbey. In addition to writing the cantata *Dona Nobis Pacem*, he composed a work based on a tune written for Archbishop Parker's Psalter called "Why Fum'th in Fight." His symphonies include ones nicknamed "Sea" and "London." For 10 points, identify this English composer of a *Fantasia on Greensleeves* and *Fantasia on a Theme of Thomas Tallis*.
ANSWER: Ralph Vaughan Williams

<Carson>

12. In ancient times, this modern day country was home to the Sabaeans and the Himyarites, empires which dominated the frankincense and myrrh trade. A civil war in this nation saw fighting between FLOSY and the National Liberation Front, while the north of this country was once controlled by the Zaidi Shia imamate. It's not Ethiopia, but this country saw a mass exodus of its Jews to Israel in Operation (*) Magic Carpet. In 2000, seventeen American sailors were killed off the coast of this country in the bombing of the USS *Cole*. In 1962, this nation was partitioned, with the northern half backed by neighboring Saudi Arabia. For 10 points, name this country on the Arabian Peninsula home to the cities of Aden and Sana'a.
ANSWER: Yemen

<Bentley>

13. In 2008, the Canadian company Cameco helped this country build a uranium processing plant in its eastern city of Oskemen. This country, which boasts the world's second largest reserves of uranium, was the site of the Semipalatinsk nuclear facility before it voluntarily abandoned the world's fourth largest stockpile of nuclear weapons. It is also the site of Baikonur (*) Cosmodrome, and it owns the northern part of Renaissance Island, an anthrax burial site that was once an island in the shrinking Aral Sea. Almaty is the most populous city in this second largest former Soviet republic after Russia. For 10 points, name this Central Asian country whose capital is Astana.

ANSWER: Republic of Kazakhstan

<Haddad-Fonda>

14. This author asked "Because you've read my kisses, you think me less a man?" in one poem. In another, he raged against the "evil shades of Orcus" who had taken away a figure who "chirped to his lady, alone". Thomas Campion translated a poem by this man in which he noted that "Heaven's great lamps do dive into the west" and pleaded with his addressee to "let us (*) live and love". This sparrow-eulogizing author declared "I hate and I love" in one poem and described traveling "through many nations and over many seas" in a poem in which he gives the "silent ashes" of his brother a "tribute and farewell". For 10 points, name this author of "Ave Atque Vale", a Roman who dedicated many poems to Clodia Metelli, a woman he referred to as Lesbia.

ANSWER: Gaius Valerius Catullus

<Carson>

15. One leader of these creatures gives Culhwch [CUL-wich] a set of impossible tasks before he can marry Olwen. One of these creatures, a king of Prydain, used a magic cauldron to smooth over an incident when his half-brother Efnisien mutilated the horses of Matholwch. Yet another once piled several rocks to put out his campfire, creating Mount Hood. One of them will protect Britain from invasion so long as his head is buried in the White Tower. During Ragnarok, one creature of this sort will emerge from (*) Muspellheim to set the world on fire. They include Bran, Surtr, and a man who created the Great Lakes by providing his pet Babe the Blue Ox with a watering hole. For 10 points, name these figures, including the lumberjack Paul Bunyan, known for their size.

ANSWER: giants [or fire giants on Muspellheim sentence; bemusedly don't accept a buzz with "lumberjacks" off Paul Bunyan clues]

<Jose>

16. This experiment was explained by its formulator's "agentic state" hypothesis and was modified in a "touch-proximity" variant that showed atypical gender dependence. Its subjects responded to an ad offering "\$4.00 for an hour" in a "study of memory," and were categorized as "professionals," "workers," or "white-collar." Various follow-ups to this experiment changed the gray (*) coat worn by one participant, moved the location to Bridgeport to avoid issues of prestige, and added extra "teachers." This experiment relied upon a confederate who would claim to have a heart condition before going silent. Conducted at Yale, for 10 points, identify this experiment in which the subject was asked to deliver increasingly powerful shocks to another person, a famous test of obedience.

ANSWER: Milgram obedience experiment [prompt on just "obedience," etc.]

<Mukherjee>

17. **Terms named after this process are traditionally found on the left side of the Navier-Stokes momentum equations and consist of the partial derivatives of the product of density and one or more velocity components. The magnitude of the Richardson number determines whether this process is free or forced. A buoyancy-dependent form of this process causes the formation of hexagonal prism-shaped cells; that is the Rayleigh-Benard type of it. The Prandtl number, or ratio of kinematic viscosity to (*) thermal diffusivity, determines whether this process or conduction dominates. This process creates thermal columns in the atmosphere and causes the upward creeping of the mantle. For 10 points, name this process in which heat is transferred by the movement of a fluid.**

ANSWER: convection [or word forms]

<Wynne>

18. **This author is the titular subject of a poem whose speaker describes lying "face down beneath the sun" at "earth's noonward height" and feeling "the always rising of the night". This author described a "willing soul" as transpiring "at every pore with instant fires" in a poem which also notes "the grave's a fine and private place". One of his speakers reminisces about a time "when Juliana came, and she, what I do to the (*) grass, does to my thoughts and me." This author of a quartet of poems about Damon the Mower pleads "Let us roll all our strength and all / our sweetness up into one ball" in a poem that describes "Time's winged chariot hurrying near". For 10 points, name this poet who lamented "Had we but world enough, and time" in "To His Coy Mistress".**

ANSWER: Andrew Marvell [accept "You, Andrew Marvell"]

<Carson>

19. **One court case that arose out of the affair surrounding these things extended the Speech and Debate Clause to congressional aids. Anthony Russo was charged in the trial surrounding them, but Matthew Byrne vacated the charges. In order to discredit a man who assembled these, Dr. Lewis Fielding's office was (*) burglarized. They were put into the records of the Subcommittee of Public Buildings and Grounds by Mike Gravel and were passed to Neil Sheehan. John Mitchell cited the Espionage Act in attempting to arrest Daniel Ellsberg for releasing them, though they stayed public because prior restraint was rejected in *New York Times v. United States*. For 10 points, Robert McNamara commissioned what secret documents about the Vietnam War?**

ANSWER: the Pentagon Papers

<Mukherjee>

20. **One protein involved in this process is helped by sliding clamps, and several proteins involved in this process are transcribed in response to E2F activation. It is initiated by cdc6 binding to the ORC complex. The formation of secondary structures during this procedure is prevented by SSBs. An experiment to characterize this process used a cesium chloride gradient to centrifuge *E. coli* that had been grown in a nitrogen-15 medium. (*) Okazaki fragments are used to cover the lagging strand in this procedure, which is initiated by helicase prying the strands apart to create a fork. Meselson and Stahl showed that this process is semiconservative. For 10 points, name this process catalyzed by DNA polymerase before the start of mitosis, the copying of the genome.**

ANSWER: DNA replication [or S phase]

<Mukherjee>

21. **The generalization of this statement to L_p spaces is called the Minkowski inequality, and this statement is reversed in Minkowski spaces. Part of the definition of a metric space is that the metric obeys commutativity and this other statement, and this statement is used to define the norm of a vector space. It can be proven by reduction from the Cauchy-Schwarz inequality on an inner product space, or by considering the Law of Cosines and (*) removing the cosine term. This statement can be used to show that the shortest distance between two points in Euclidian space is a straight line. For 10 points, name this inequality, which states that the sum of the lengths of two sides of the namesake figure is greater than the length of the third side.**

ANSWER: triangle inequality [prompt on "Cauchy-Schwarz inequality" due to ambiguities]

<Mukherjee>

22. **One of this author's novels stars two men, one who invents a new paper-making process and one who loses his integrity working as a journalist. He also wrote a work whose protagonist falls in love with the castrato La Zambinella and was analyzed in terms of five "codes" by Roland Barthes. This author created David Sechard and Lucien Chardon in (*) *Lost Illusions* and wrote *Sarrasine*. His most famous project is a *Roman-fleuve* that includes a novella in which Raphael de Valentin finds a wish-granting piece of shagreen as well as several novels featuring his recurring characters Vautrin and Eugene de Rastignac. For 10 points, name this French author who included *The Wild Ass's Skin* and *Pere Goriot* in his series *The Human Comedy*.**

ANSWER: Honoré de Balzac

<Carson>

23. **This man was decorated for capturing Mount Matajur during the Battle of Longarone. He had the idea to place wooden poles known as his namesake "asparagus" to stave off glider landings, and in one battle he lost Kidney Ridge despite laying traps of barbed wire and mines called "Devil's Gardens." This commander of the Ghost Division, victor at Kasserine Pass, and supporter of the Black Orchestra was arrested in connection with the (*) 20th of July Plot, after which he committed suicide. He lost the Trento, Bologna, and Ariete Divisions to Bernard Montgomery at El Alamein. For 10 points, name this leader of the Afrika Korps called the "Desert Fox," a Nazi tank commander.**

ANSWER: Erwin Johannes Eugen Rommel [prompt on "Desert Fox" before mention]

<Mukherjee>

24. **Democratic staffers were barred from using copy machines during one political disagreement in this state. This state's most recent election featured a Super Bowl ad by a pro-marijuana, pro-choice nephrologist named Hari Trivedi. In this state, businessman Eric Hovde and 2008 presidential candidate Tommy (*) Thompson are vying for a seat recently vacated by five-term Senator Herb Kohl. This state's recent Act 10 prompted Democrats to flee the state to avoid a vote on collective bargaining restrictions. This state's governor prevailed in a contentious recall election involving Tom Barrett, the mayor of Milwaukee. For 10 points, name this state governed by Scott Walker from its capital, Madison.**

ANSWER: Wisconsin

<Kothari>

1. One building by this architect is surrounded by sixteen Doric columns, which are accessible after climbing the three steps on its base. For 10 points each:

[10] Identify this Italian architect of the circular Tempietto building, who also designed the Cortile del Belvedere in the Vatican for Julius II.

ANSWER: Donato **Bramante**

[10] Bramante designed the original plan for the massive expansion of this religious building, which would have laid it out in the form of a Greek Cross. Other architects to work on this domed building include Raphael and Antonio da Sangallo the Younger.

ANSWER: New **St. Peter's Basilica** [or **Basilica Sancti Petri** or **Basilica Papale di San Pietro** in Vaticano or Papal **Basilica of Saint Peter**]

[10] After the death of Sangallo, Paul III appointed this man as chief architect of St. Peter's. His *Pieta* is now located within St. Peter's, and he's also known for a marble statue of David.

ANSWER: **Michelangelo** di Lodovico Buonarrotri Simoni

<Bentley>

2. Characters in this novel include a Muslim radical named Blue and his lover, a girl named Kadife who leads the "head-scarf girls". For 10 points each:

[10] Identify this 2002 novel set in the city of Kars, whose central characters are the narrator, intended to represent the author, and a journalist named Ka.

ANSWER: **Snow** [or **Kar**]

[10] *Snow* was written by this Turkish Nobel Laureate. His other novels include *The Black Book* and *My Name is Red*.

ANSWER: Orhan **Pamuk** [or Ferit Orhan **Pamuk**]

[10] A Pamuk novel in which an Italian prisoner helps the Ottoman scholar Hoja design a weapon for the Sultan is titled for a "white" one of these buildings. A land surveyor named K. continually fails to gain access to one of these buildings in a Franz Kafka novel.

ANSWER: **castles** [accept *The White Castle* or *The Castle*; prompt on "kale" or "Schloss"]

<Carson>

3. The Azande called this "*umbaga*," or "second spear," because it served as a secondary cause for unfortunate events. For 10 points each:

[10] Identify this practice, whose European form was cast by Margaret Murray as a cult system protecting the worship of a pre-Christian "Horned God" in a 1921 book universally panned by academics but popularized by Gerald Gardner.

ANSWER: **witchcraft** [do not accept "magic;" definitely do not accept "Wicca"]

[10] This British anthropologist argued that blaming misfortune on witchcraft was not an example of "pre-logical" thinking, but rather a reasonable way to uphold the society's moral standards, in his *Witchcraft, Oracles, and Magic Among the Azande*.

ANSWER: Edward E. **Evans-Pritchard**

[10] The Azande do not attribute an event to witchcraft if one of these rules has been breached. Freud claimed incest and patricide were universal examples of these prohibitions in a work on "Totem and" these.

ANSWER: **taboos**

<Bailey>

4. This man led the Myrmidons and was revered by a cult on the White Island. For 10 points each:

[10] Name this son of Thetis, a Greek combatant in the Trojan war who had a notable vulnerability at the heel.

ANSWER: Achilles

[10] This man was Achilles' father. Zeus and Poseidon let him marry Thetis after Hephaestus foretold that Thetis would bear a son greater than his father.

ANSWER: Peleus

[10] This river god took revenge for an insult from Achilles by attempting to drown him three times. He would have succeeded had Hephaestus not boiled his waters and nearly killed him.

ANSWER: Scamander [or Xanthus]

<Mukherjee>

5. This country has a completely deregulated taxi service, leading to a gang-like war between associations of taxi drivers for the last 25 years. For 10 points each:

[10] Name this nation, where Steve Biko was killed in police custody about a year after organizing the Soweto Uprising. Nelson Mandela protested against apartheid in this nation.

ANSWER: South Africa

[10] The apartheid system created autonomous tribal homelands for black people widely known by this derisive nickname. There were 10 in all and they quickly became the home of casinos and otherwise illegal sex clubs.

ANSWER: Bantustans

[10] 250 people were killed in this 1960 incident during a Pan-Africanist Congress protest of apartheid. Nelson Mandela chose the site of this event to sign the 1996 South African constitution.

ANSWER: the Sharpeville massacre

<Mukherjee>

6. In November 2011, Barack Obama personally announced the largest commercial jet order in history while attending a summit in this country. For 10 points each:

[10] What country's newly established Lion Air ordered 230 short- and mid-range Boeing jets to serve its booming domestic air travel market?

ANSWER: Republic of Indonesia [or Republik Indonesia]

[10] In December 2011, Boeing set speed and distance world records with an around-the-world demonstration flight by this new plane, the first commercially viable jet model to offer medium capacities with long-distance range.

ANSWER: Boeing 787-8 Dreamliner [accept either underlined portion]

[10] In April 2012, this European aerospace conglomerate, Boeing's chief rival, announced that it would slow production of its A380 after its wings were found to have a problem with cracking.

ANSWER: Airbus

<Haddad-Fonda>

7. Answer some questions about the first law of thermodynamics, for 10 points each:

[10] That law states that for an isolated system, the change in heat is equal to this quantity, which is also equal to the product of pressure times change in volume when pressure is constant. In other contexts, it is the product of force and distance.

ANSWER: **work**

[10] For an ideal gas undergoing this kind of process, the product of P times V to some exponent gamma remains constant. This kind of process is one in which the net heat transfer is zero.

ANSWER: **adiabatic**

[10] On a pressure-volume diagram, an adiabatic process shows up as a line connecting two of these curves. These curves represent trajectories along which the temperature of the system remains constant.

ANSWER: **isotherm**

<Mukherjee>

8. This character repeatedly asks for a "pot of small ale," and erroneously notes that his family came to England with "Richard Conqueror." For 10 points each:

[10] Name this tinker who, in the inexplicably abandoned frame narrative of a Shakespeare play, is led by practical jokers to believe that he is a lord.

ANSWER: Christopher **Sly** [or **Christopher** Sly]

[10] Christopher Sly thus sits down to watch a performance of this play in which Bianca, the younger daughter of Baptista Minola, cannot marry until her older sister does.

ANSWER: *The* **Taming of the Shrew**

[10] This character, the "shrew" of the play's title, is eventually "tamed" and successfully wooed by the Veronese gentleman Petruchio.

ANSWER: **Katherine** Minola [or **Katherina**; or **Kate**; prompt on "Minola"]

<Wynne>

9. Famous for its black gondolas and canals, this city was a major sea power for almost five hundred years. For 10 points each:

[10] Name this Italian city, located on the Adriatic coastline in the northern part of the country. It was ruled by a doge.

ANSWER: **Venice**

[10] Venice first became a major power when it financed this crusade. Instead of attacking the Holy Land, the armies in this campaign sacked Constantinople.

ANSWER: **Fourth** Crusade

[10] Venice's territories were divided in this 1797 treaty, which was superseded by the later Treaty of Pressburg. It also established the Cisapline and Ligurian republics in northern Italy.

ANSWER: Treaty of **Campo Formio**

<Bentley>

10. In Bryophytes, this generation consists of a foot, seta, and capsule, but in higher plants this is the dominant generation. For 10 points each:

[10] Name this plant structure that alternates with the gametophyte. Unlike the gametophyte, it is diploid.

ANSWER: **sporophyte**

[10] In these seedless vascular plants, the gametophyte is a structure called the prothallus and the sporophyte is the dominant generation. They are distinct from lycophytes in that they have true leaves, which are called fronds.

ANSWER: **ferns** [or **pteridophytes** or **pterophytes**]

[10] In angiosperms, the seed contains this triploid nutrient-rich tissue that nourishes the growing sporophyte.

ANSWER: **endosperm**

<Mukherjee>

11. This symphony's second movement includes two harps playing an elegant waltz and represents a ball. For 10 points each:

[10] Name this symphony which ends with the movement "Dream of the Witches' Sabbath." It features a recurring idée fixe representing an artist's infatuation with a beautiful woman.

ANSWER: **Symphonie Fantastique**

[10] In this movement of *Symphonie Fantastique*, the artist imagines himself being sentenced to death and hearing the cheering of onlookers, represented by triumphant G-major chords, before a loud G-minor chord represents his beheading.

ANSWER: **"March to the Scaffold"** [or **"March au supplice"**; or the **fourth** movement]

[10] *Symphonie Fantastique* was written by this French composer, whose other works include the opera *Les Troyens* and the *Roman Carnival Overture*.

ANSWER: Hector **Berlioz**

<Montoya>

12. He tries to overcome his inexplicable anxiety by listening to his favorite song "Some of These Days" and reading Balzac, but to no avail. For 10 points each:

[10] Name this resident of Bouville who is trying to write a biography of Marquis de Rollebon. He seeks help from the Self-Taught Man and his ex-lover Anny before concluding that existence is the cause of his nausea.

ANSWER: **Antoine Roquentin** [accept either name]

[10] This longtime partner of Simone de Beauvoir declined the 1964 Nobel Prize in Literature twenty-six years after writing about Antoine Roquentin in the novel *Nausea*. His other works include *The Wall* and *Dirty Hands*.

ANSWER: Jean-Paul Charles Aymard **Sartre**

[10] In this Sartre play, Garcin, Inez, and Estelle are brought to a room furnished in Second Empire style and discover that "Hell is other people."

ANSWER: **No Exit** [or **Huis Clos**]

<Ueda>

13. Among its provisions is a strict prohibition on gambling. For 10 points each:

[10] Name this system of law based on the Quran and Hadith. In Britain, the sections of it concerning family law can be used to resolve disputes apart from the national legal code.

ANSWER: **sharia**

[10] Fiqh, or Islamic jurisprudence, combines the precepts of sharia with this other set of practices, based on the way the Prophet Muhammad would have conducted himself.

ANSWER: **sunnah**

[10] Under sharia, a man may perform this action by reciting the talaq three times. Jewish law prevents a man from doing this that freely, instead requiring a document known as a get.

ANSWER: **divorce**

<Mukherjee>

14. The term for this event came from the nickname for the representative French peasant, and during this event the cloth merchant Etienne Marcel took control of Paris. For 10 points each:

[10] Name this uprising led by Guillaume Cale during the Hundred Years' War. Charles the Bad defeated its participants at the battle of Mello, after tricking Cale into crossing enemy lines.

ANSWER: The **Jacquerie**

[10] During the reprisals against the Jacquerie, several inhabitants of this city in the Champagne region were slaughtered. This city contains the cathedral in which French monarchs were crowned.

ANSWER: **Reims**

[10] Marcel was a delegate for the bourgeoisie and peasants in this body, called by Jean II to raise revenue for the war. This body was last called in 1789, where delegates chose to dissolve this body and form the National Assembly.

ANSWER: **Estates General**

<Bailey>

15. This type of programming language uses modular classes which can be altered and instantiated, and the first language to utilize it was Smalltalk. For 10 points each:

[10] Identify this type of programming language, examples of which include Java and C++.

ANSWER: **object-oriented** languages

[10] This characteristic of object-oriented languages allows a derived class, such as a poodle, to re-use the methods and properties of a base class, such as a dog. It is closely related to subtype polymorphism and is implemented with the extends keyword in Java.

ANSWER: **inheritance**

[10] This concept in object-oriented languages is a method used to hide certain components of a class from other parts of the program. It is exemplified by the "private" command.

ANSWER: **encapsulation**

<Mukherjee>

16. Samuel Ward King eventually relented and expanded suffrage in this state, abolishing the real property requirement of 134 dollars. For 10 points each:

[10] Dorr's Rebellion occurred in what state, in which Abraham Whipple burned the *Gaspée*?

ANSWER: **Rhode Island**

[10] This president, who essentially failed to respond to Dorr's Rebellion, is also famous for rebelling against the Whigs after succeeding William Henry Harrison.

ANSWER: John **Tyler**

[10] Dorr's Rebellion directly led to this Supreme Court case, in which the Court ruled that the guarantee clause of the Constitution is not justiciable.

ANSWER: **Luther** v. **Borden** [accept either underlined part]

<Ueda>

17. This substance can be used to block the para position before an electrophilic aromatic substitution, and in nitration reactions it is used in a solution with nitric acid. For 10 points each:

[10] Identify this substance, a strong acid with the formula H_2SO_4 .

ANSWER: **sulfuric acid** [or **oil of vitriol** from time travellers]

[10] Sulfuric acid is formed from sulfur and oxygen using a vanadium oxide catalyst in this process.

ANSWER: **contact** process

[10] Fuming sulfuric acid, or oleum, is a chemical reagent that contains both sulfuric acid and this gas, which exists in equilibrium with sulfuric acid and water at high temperature.

ANSWER: **sulfur trioxide** [or **SO₃**]

<Mukherjee>

18. This book argues that there is only one chaotic, undifferentiated "thing-in-itself" beyond the phenomena of sensory experience. For 10 points each:

[10] Name this long work which posits self-denying asceticism and artistic aestheticism as two ways out of a life of inevitable suffering.

ANSWER: *The **World as Will and Idea*** [or *The **World as Will and Representation***; or *The **World as Will and Presentation***; or *Die **Welt als Wille und Vorstellung***]

[10] This pessimistic follower of Kant critiqued many Kantian ideas when he wrote *The World as Will and Idea* in his native German.

ANSWER: Arthur **Schopenhauer**

[10] In an nine-part essay, Schopenhauer argued disdainfully that these people were fit to raise children because they were childlike and that their physical form made them unfit for hard work.

ANSWER: **women** [accept "On **Women**" or "Über die **Weiber**"; accept **females** or **girls** or other polite synonyms denoting all biologically-female humans]

<Jackson>

19. The title character suffers from the effects of her parents' nasty divorce before going to live with her guardian Mrs. Wix in this man's novel *What Maisie Knew*. For 10 points each:

[10] Identify this author who wrote about the relationship between Maggie Verver and Prince Amerigo in *The Golden Bowl* and described a couple overcoming a tabloid's revelations in his novel *The Reverberator*.

ANSWER: Henry **James**

[10] The protagonist of this James story is a governess tasked with caring for Flora and Miles, who may or may not be seeing the ghosts of Peter Quint and the previous governess, Miss Jessel.

ANSWER: *The **Turn of The Screw***

[10] James described the distracting beauty of Venice in the preface to the New York Edition of this novel, whose protagonist declines the proposals of Mr. Warburton and Caspar Goodwood before settling on Gilbert Osmond, who turns out to be a jerk.

ANSWER: *The **Portrait of a Lady***

<Graebner>

20. This artist painted a character from *The Faerie Queen* in his *The Red Crosse Knight* and painted a portrait of Paul Revere. For 10 points each:

[10] Identify this American artist who showed a man about to drive a spear into the title fish in his most famous painting.

ANSWER: John Singleton **Copley**

[10] A Native American holds his fist to his chin in a Benjamin West painting showing the death of this general at the Battle of Quebec.

ANSWER: Major General James P. **Wolfe**

[10] This other American painted a politician giving a speech on election day. He also showed a man in pink and his half-Indian son rowing a small boat in *Fur Traders Descending the Missouri*.

ANSWER: George Caleb **Bingham**

<Bentley>

21. Chalfie used this organism to develop the GFP reporter, and Sydney Brenner established this nematode as a model organism. For 10 points each:

[10] Identify this model organism, a small worm whose mutant phenotypes include uncoordinated, dumpy, small, and long.

ANSWER: **C elegans** [or **Caenorhabditis elegans**; prompt on partial answer]

[10] The majority of C elegans adopt this gender, in which they produce oocytes and sperm in one large gonad.

ANSWER: **hermaphrodite**

[10] Craig Mello and Andrew Fire used C Elegans to elucidate this pathway, in which anti-sense RNA binds to messenger RNA and prevents its expression. Dicer and argonaute are important in this pathway.

ANSWER: **RNAi** [or **RNA interference**; prompt on "gene silencing", "post-transcriptional gene silencing", "suppression", "co-suppression", or "quelling"]

<Mukherjee>

22. Originally hired to fight at funerals, these men eventually fought to the death in front of large Roman audiences. For 10 points each:

[10] Name these fighters, whose name comes from the primary sword used by the Romans.

ANSWER: **gladiators**

[10] The most famous gladiatorial arena was the Coliseum in Rome, which was completed in 80 CE during the reign of this emperor. His reign also saw the eruption of Mount Vesuvius.

ANSWER: **Titus** [or **Titus** Flavius Caesar Vespasianus Augustus]

[10] The gladiator Spartacus' slave revolt was put down by this man, who gained his immense wealth by running a firefighting service in Rome.

ANSWER: Marcus Licinius **Crassus**

<Bentley>

23. Two English stockbrokers botch the restoration of an Irish mansion in his play *Purple Dust*, while the rejection of his play *The Silver Tassie* prompted him to break with the Abbey Theater. For 10 points each:

[10] Identify this Irish playwright who wrote about the relationship between Mrs. Boyle and her strutting husband, Captain Jack, in his play *Juno and the Paycock*.

ANSWER: Sean **O'Casey** [or Seán **Ó Cathasaigh**; or John **Casey**; or John **Casside**]

[10] Riots broke out at the premiere of this 1926 O'Casey play, set just before and during the Easter Rising. Bessie Burgess is shot at the end of this play, which centers on the newlyweds Jack and Nora Clitheroe.

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

[10] When O'Casey's play *The Drums of Father Ned* was forced out of the 1958 Dublin Theater Festival, this author of *Happy Days* and *Waiting for Godot* withdrew his contribution in protest.

ANSWER: Samuel Barclay **Beckett**

<Bentley>