



1. After taking power, this man allowed a tax assessment system called the Catasto to die out; he also started manipulating the *borse* so that his faction would be selected for public office. He was jailed for "[elevating] himself higher than others" by his opponents, the Albizzi family. This man persuaded Pope Eugene IV to move the Council of Ferrara to his city, thereby attracting Byzantine wealth and learning. This father of Piero the Gouty served as a patron of the arts, commissioning Donatello's *David* and supporting Brunelleschi's bid to design the *Duomo*. For 10 points, name this grandfather of Lorenzo the Magnificent and founding patriarch of the Medici.

ANSWER: Cosimo de Medici [or Cosimo the Elder; or Cosimo il Vecchio; do not accept or prompt on "Cosimo I"]

080-13-83-18101

2. The kinetics of one form of this process are described by the equation volume fraction is equal to one minus the exponential of the quantity negative rate constant multiplied by time raised to a constant n. William Pfann developed a form of this process that does not incorporate carbon or oxygen, by introducing a moving "float zone." Silicon boules are created with a type of this process named for Jan Czochralski. This process is described by the Avrami equation. This process involves nucleation around a seed and can be used to create rock salt. For 10 points, name this process in which a dissolved substance is used to create a pure solid with an ordered structure.

ANSWER: crystallization [or crystal growth; or crystal formation; or crystal nucleation; or heterogeneous reaction before "William Pfann" is read]

149-13-83-18102

3. The chorus drops to a whisper to utter the words "Father in heaven" in a piece by this composer, which sets the sermon "The Unchangeableness of God" before the title invocations from the *Christian Discourses* and *Journals*. A soprano singer representing both a child and adult narrator sings about "my father who is good to me" in a piece this composer dedicated to his own moribund father. The NBC Symphony Orchestra, conducted by Arturo Toscanini, premiered the second movement of his *String Quartet* on the radio in 1938. This composer of *Prayers for Kierkegaard* set a prose piece by James Agee for his *Knoxville: Summer of 1915* and wrote a work often used in presidential funerals. For 10 points, name this American composer of *Adagio for Strings*.

ANSWER: Samuel Barber

030-13-83-18103

4. A mouse model of this disease contains a mutation in the protease ZMPSTE24. The autosomal form of Emery-Dreyfuss muscular dystrophy is caused by a mutation in the same gene as the mutation that causes this disorder. During its synthesis, the protein mutated in this disease is unable to have its farnesyl group cleaved off, which causes blebbing. This disease is caused by the activation of a cryptic splice site at position 1824 of Lamin A, a component of the nuclear lamina. Symptoms of this disease, which is often named for Hutchinson and Gilford, include complete alopecia, a large head, and the early appearance of wrinkles. For 10 points, identify this genetic disease which causes rapid aging.

ANSWER: Hutchinson-Gilford progeria

048-13-83-18104

5. This poet described a “quickly disappearing photograph in my more slowly disappearing hand” in his “Portrait of My Father as a Young Man.” One of his poems recounts how “the creatures of stillness crowded from the bright unbound forest,” telling its addressee, “You built a temple deep inside their hearing.” This poet wrote that “beauty is nothing but the beginning of terror” in one of his most notable poems. He opened that poem by asking, “Who, if I cried out, would hear me among the angelic orders?” For 10 points, name this German poet of *The Sonnets to Orpheus* and the *Duino Elegies*.

ANSWER: Rainer Maria **Rilke**

014-13-83-18105

6. In an address to the United Nations in September 2012, this leader claimed Middle Eastern uprisings would spread around the world and repeated the phrase "long live this spring." In February 2013, this man played a tape of a conversation describing corruption between Saeed Mortazavi and the brother of his political rival Ali Larijani. A photo of this man consoling Elena Frias caused controversy in March 2013 after this man attended the funeral of Hugo Chavez. This man's Chief of Staff, Esfandiar Rahim Mashaei, is considered part of a "deviant current" and was not be allowed by the Guardian Council to run in the June 2013 election to succeed this leader. For 10 points, name this man who, in 2005, was elected as president of Iran.

ANSWER: Mahmoud **Ahmadinejad**

023-13-83-18106

7. This character joins a group known as the Cadets of Temperance and vows to leave it after the death of Judge Frazer. He gets out of drinking a foul-tasting "pain killer" by quietly feeding it to a cat. This character claims that the first two disciples were David and Goliath. This character takes the blame for ripping a page out of Mr. Dobbins’s anatomy book, and he makes Ben Rogers envious of his job by claiming that only an expert can complete a certain task. He witnesses another character who murdered Dr. Robinson and frames Muff Potter in a graveyard, and he gets lost in a cave for five days with Becky Thatcher. For 10 points, name this character who lives with his Aunt Polly in a novel by Mark Twain.

ANSWER: **Tom** Sawyer [or Tom **Sawyer**]

030-13-83-18107

8. Artifacts stolen from this country were seized by US Customs in 1994 during a Sotheby's auction; those artifacts were taken by Ernil Bernal and identified by archaeologist Walter Alva as coming from this country's Huaca Rajada. One culture in this country was responsible for building the world's largest adobe city, called Chan Chan. This country home to the Moche and Chimu also held the capital city of the Tawantinsuyu, which is the site of the Stone of Twelves Angles. That culture also built a city in this country on a ridge above the Urubamba River. For 10 points, name this South American country that is the location of the cities Cuzco and Machu Picchu, both built by the Inca.

ANSWER: Republic of **Peru** [or Republica del **Peru**]

023-13-83-18108

9. Sissela Bok wrote a 1978 book on this activity in “private and public life.” Henry Garnet was attacked for supposedly promoting this activity in works that defended the doctrine of mental reservation. A 2005 book by Harry Frankfurt defines and analyzes a concept he claims is not the same thing as this activity. Leo Strauss argued that one thinker promoted a “noble” version of this activity with that man's “Phoenician tale.” Criticism from Benjamin Constant led Immanuel Kant to write an essay on the “supposed right” to do this “from benevolent motives.” In that essay, Kant maintains it is immoral to do this even if it means protecting someone from a murderer. For 10 points, name this activity of stating things which are not true.

ANSWER: **lying** [or obvious equivalents; or word forms]

121-13-83-18109

10. One island in this country, which is not Sri Lanka, was once known as "Junk Ceylon." That island in this country contains the Two Heroines monument and was where a ten-year old girl named Tilly Smith used her grade-school geography knowledge to save countless lives. Its largest island is a resort-laden spot on the Andaman Sea which was devastated by the 2004 tsunami, called Phuket. Several "friendship bridges" connect this country to its eastern neighbor, Laos. For 10 points, name this country ruled by King Rama IX from Bangkok.

ANSWER: **Thailand**

020-13-83-18110

11. One of these places was the target of the Condemnation of 1277 issued by Bishop Tempier. An annual highlight at these places was the easily-degenerating institution of "quodlibetal questions." Robert Grosseteste was a chancellor of one of these places. Another of these places in Naples takes its name from Frederick II. A fan of Justinian's *Corpus*, Irnerius, was responsible for creating one in Bologna, the oldest in Europe. Robert de Sorbon developed one of these institutions in Paris, whose residents went through the *trivium* and *quadrivium* before moving onto Peter Lombard's *Sentences*. For 10 points, name this type of medieval institution found in Oxford.

ANSWER: **universities** [or **university**; or **colleges**; or **universitas** scholarum; or **studium generale**; prompt on **schools**]

080-13-83-18111

12. This compound transforms Adams' catalyst to platinum black. This compound is added to organic molecules by a catalyst containing cyclooctadiene coordinated to iridium, named for Crabtree. The plus-one ion of this compound is a common example of the use of perturbation theory in quantum chemistry classes. This compound is mixed with carbon monoxide to form syngas. Below 33K, this compound becomes a liquid, and is combined with liquid oxygen in hypergolic rocket fuel. The addition of this compound across a double bond is used to transform saturated compounds into unsaturated ones by reducing double bonds to single bonds. For 10 points, name this compound consisting of two atoms of the lightest element bonded together.

ANSWER: **H2** [or **dihydrogen** gas]

048-13-83-18112

13. This character is seduced by the rhetoric of a character who assures him that "sleep after toil, port after stormy seas, ease after war, death after life does greatly please." After taking off his armor to have sex with a witch, this character is captured by the giant Orgoglio. The work in which he appears begins with a description of him "pricking on the plain" with two companions. After being rescued from a dungeon by Prince Arthur and being rejuvenated in the House of Holiness, he slays the dragon harassing the kingdom of Una's parents. For 10 points, name this protagonist of the first book of *The Faerie Queene*.

ANSWER: **Redcrosse** Knight

014-13-83-18113

14. In American and Irish folklore, an evil man named John of this profession becomes "Jack O'Lantern" after tricking the Devil and being denied entrance to hell. Another man of this profession gets hamstrung and forced to work for the king of Sweden, Nidud. Another figure with this profession loses his first wife to Kullervo, having earlier failed to win the Maiden of Pohjola through his gift of the Sampo. This trade is practiced in Finnish myth by Ilmarinen and, in many Germanic traditions, by Volund. Another god of this profession was raised by Thetis on Lemnos after Zeus threw him out of Mount Olympus. For 10 points, name this trade practiced by the Greek god Hephaestus.

ANSWER: black**smith** [prompt on **craftsman**]

080-13-83-18114

15. One of these bodies has two nearby features named for Swift and Voltaire and a surface covered by regolith; another has many spots, such as Limtoc, named for characters from *Gulliver's Travels*. These objects, which are thought to be made of carbonaceous chondrites, were discovered by Asaph Hall. The larger of these objects is thought to have suffered a large impact due to 700-meter-wide grooves projecting out from its massive Stickney crater, and passes over the Valles Marineris by making a full orbit in just over four hours. For 10 points, name these two irregularly-shaped objects, each a few miles wide, which orbit a red planet.

ANSWER: moons of Mars [or Phobos and Deimos; or Deimos and Phobos before read]

104-13-83-18115

16. Workers in this industry conversed in ritualized meetings called "gams." This industry, which boomed with the installation of cast-iron "tryworks" for boiling, also produced hand-carved artifacts called "scrimshaw." In 2008, the *Two Brothers*, which took part in this industry, was discovered; that ship's captain, George Pollard, was also captain of a ship whose crew resorted to cannibalism after the *Essex* sunk while at work in this industry. This industry, which produced necessary raw materials for corsets, candles, and oil lamps, brought wealth to New Bedford and Nantucket in the nineteenth century. For 10 points, name this American industry depicted in *Moby-Dick*.

ANSWER: American whaling industry [accept equivalent answers]

080-13-83-18116

17. Eighteen exponents of this art movement were depicted as "The Irascibles" in a photograph by Nina Leen after they signed an open letter attacking the exhibit *American Painting Today*. Many painters in this movement learned from the artist of *The Gate*, Hans Hofmann. Clement Greenberg promoted this movement in his writings for the *Partisan Review*. One exemplar of this movement was inspired by Stone Age fertility goddesses in painting his *Woman Series*, while another painted *Full Fathom Five* and energetically flung paint at a canvas to create *Autumn Rhythm* and *Lavendar Mist*. For 10 points, name this avant-garde art movement exemplified by Willem de Kooning and Jackson Pollock.

ANSWER: Abstract Expressionism [prompt on Abstract Art; prompt on Action Painting]

080-13-83-18117

18. In later life, this man founded the Society for the Knowledge of God with his wife, Mathilde. This general tried to win one war by launching Operations Michael, Georgette, and Bluecher-Yorck in a final attempt to break the Allied lines known as the Spring Offensives. Before that war, this non-von Moltke individual was responsible for revising the Schlieffen Plan. This man's writings blaming left-wing politicians for Germany's defeat formed the foundation for the stab-in-the-back legend. For 10 points, name this German general who helped Adolf Hitler in the Beer Hall Putsch and led the German military during World War I along with Paul von Hindenburg.

ANSWER: Erich Ludendorff

080-13-83-18118

19. This character visits a palace precariously perched atop a pole after his wife tells him that the Emperor Hugo is more handsome than he is. In another work, he dreams of a dog leaping from a palace and fighting a chained bear. In a novel, this character assigns the wild man Gurduloo to the title character, Agilulf. His son's murderer completes the redemptive tasks he sets with the aid of Oberon. He is described as having a "flowing white beard" in another poem, in which he personally kills Baligant using his sword Joyeuse and orders the execution of Ganelon for conspiring with the Saracens to kill this man's nephew, Roland. For 10 points, name this character served by twelve Paladins in *The Matter of France*, a historical Frankish king.

ANSWER: Charlemagne [or Charles the Great; or Charles I]

029-13-83-18119

20. The clarinet opens this opera with a rising scale split halfway between C-sharp major and G major. After one character condemns the protagonist's mother, she replies by praising that character's ivory skin, black hair, and red mouth. The opening motif of this opera plays again as the moon disappears behind the clouds, shortly before the protagonist is crushed to death by soldiers' shields at the command of her stepfather. At this opera's premiere, Marie Wittich refused to perform "the Dance of the Seven Veils." This opera's libretto was based on Hedwig Lachmann's translation of an Oscar Wilde play. For 10 points, name this Richard Strauss opera whose title character asks for the head of the prophet Jochanaan.

ANSWER: Salome

121-13-83-18120

21. A dye called "Oil" *this color* "O" is used to stain neutral triglycerides, which also indicates a positive result of the VP test for acetoin. A dye called "Congo" this color is used to stain amyloid fibers. It's not purple or pink, but in Gram staining, the counterstain safranin has this color. Heating white phosphorous to 280 C transforms it to an amorphous allotrope with this color. In the CPK coloring scheme used for organic chemistry modelling kits, oxygen appears this color. Radium, strontium, and calcium all appear this color under the flame test, and litmus paper turns this color under acidic conditions. For 10 points, name this color, which is the standard color of both oxygenated and deoxygenated hemoglobin.

ANSWER: red [accept things like crimson]

048-13-83-18121

22. Despite not being a native English speaker, this man became known in England for his editorship of the works of Thomas Hobbes. This thinker wrote that people can group around either the "essential will" or the "arbitrary will." He analyzed these forms of collective will in his book *Custom*, which was expanded into his *Critique of Public Opinion*. The Nazis deposed this man as president of the German Sociological Society, which he led for the first twenty-four years of its existence. He wrote a book that contrasted organization based on collective mores with that based on rational self-interest, which is often portrayed as depicting the division between smaller, traditional "community" and larger, modern "society." For 10 points, name this sociologist who wrote *Gemeinschaft und Gesellschaft*.

ANSWER: Ferdinand Tönnies

019-13-83-18122

23. In this poem, "my friend" likely refers to the poet to whom it was originally dedicated, Jessie Pope. An early version of this poem was sent to the author's mother from Craiglockhart. This poem describes how "All went lame; all blind; drunk with fatigue" before proposing that the addressee share the speaker's experience by means of "some smothering dreams." This poem describes a "hanging face, like a devil's sick of sin" and the blood "obscene as cancer, bitter as the cud of vile, incurable sores" coming from the "froth-corrupted lungs" of one of the speaker's companions. This poem refutes "the old Lie" taken from an ode by Horace. For 10 points, name this poem about a gas attack written by Wilfred Owen.

ANSWER: "Dulce et Decorum Est"

023-13-83-18123



1. For 10 points each, give these things from psychology that were named after the university at which they were created.

[10] Philip Zimbardo divided participants in this experiment into roles of inmate or guard. Though scheduled to run for two weeks, it was stopped after six days.

ANSWER: **Stanford Prison** Experiment

[10] Originally developed by Starke Hathaway and J.C. McKinley, this test, which now consists of 567 true-false questions, is designed to evaluate patients on ten clinical subscales of "abnormal" behavior.

ANSWER: **Minnesota Multiphasic Personality Inventory** [or **MMPI-2**]

[10] The somatic marker hypothesis was developed to explain the results of this experiment, in which participants draw from decks of cards with varying long-term expected values.

ANSWER: Iowa **Gambling Task**

003-13-83-18201

2. A ball of mass  $m$  is dropped from height  $h$  on Earth. It takes time  $t$  to reach the ground. Neglecting air resistance, in terms of  $m$ ,  $h$ , and local gravity,  $g$ , express the following values, for 10 points each.

[10] What is the weight of the ball?

ANSWER:  **$m g$**  [or  **$m$**  times  **$g$** ; or obvious equivalents]

[10] At time one-half  $t$ , how far has the ball fallen?

ANSWER:  **$h/4$**  [or  **$0.25h$** ; or one-**fourth**  **$h$** ; or obvious equivalents]

[10] What is the speed of the ball immediately before it touches the ground?

ANSWER: the square **root** of **two  $g h$**  [or **root two times  $g$  times  $h$** ; or obvious equivalents]

190-13-83-18202

3. This aria's singer states that "Your daddy's rich, and your mamma's good looking." For 10 points each:

[10] Name this aria, with lyrics by DuBose Heyward, that is sung Clara in Catfish Row at the beginning of a 1935 opera.

ANSWER: **"Summertime"**

[10] "Summertime" opens this George Gershwin opera, which ends with one of the title characters going to New York with Sportin' Life.

ANSWER: ***Porgy and Bess***

[10] Sportin' Life earlier casts aspersions on the stories of David and Goliath, Jonah and the whale, and Moses's discovery by Pharaoh's daughter in this song from *Porgy and Bess*.

ANSWER: **"It Ain't Necessarily So"**

192-13-83-18203

4. This character's recommended reading list includes Boethius and Batman, with little else in between. For 10 points each:

[10] Name this character who sells hot dogs for Paradise Vendors and writes diatribes against modern society in his Big Chief notepads.

ANSWER: **Ignatius** J. Reilly [or Ignatius J. **Reilly**]

[10] Ignatius J. Reilly is the protagonist of *A Confederacy of Dunces*, a novel by this author whose work was heavily influenced by his hometown of New Orleans.

ANSWER: John Kennedy **Toole**

[10] Another author whose work was intimately tied to his city was this Los Angeles resident, who featured his alter ego Henry Chinaski in novels such as *Ham on Rye*, *Hollywood*, and *Post Office*.

ANSWER: Charles **Bukowski**

121-13-83-18204

5. The carruca replaced the simpler ard, a type of this device in the ninth and tenth century, greatly increasing agricultural productivity. For 10 points each:

[10] Name this farming tool that turns up soil before sowing, not to be confused with the hoe.

ANSWER: **plows**

[10] The use of the carruca was accompanied by adoption of this system of crop rotation. Unlike the system it replaced, this one had a smaller amount of the total land lie fallow and used some of the land for legumes like peas or lentils.

ANSWER: **three-field** system

[10] Improvements in agriculture couldn't prevent the Great Famine of 1315 during the reign of this English king. This man's son of the same name began fighting the Hundred Years' War.

ANSWER: **Edward II** [or **Edward Caernarvon**; prompt on **Edward**]

121-13-83-18205

6. Name these artists who adapted Velasquez's *Las Meninas*, for 10 points each.

[10] This Spanish artist who created the *Black Paintings* included himself to the left of an 1800 depiction of the royal family of Charles IV, often considered a satirical response to *Las Meninas*.

ANSWER: Francisco Jose de **Goya** y Lucientes

[10] This painter's series of 58 studies of *Las Meninas* includes a black-and-white version with a stick figure chasing a dog in the front. He created an allegory of his late friend, who killed himself after being spurned by a lover, in his painting *La Vie*.

ANSWER: Pablo **Picasso**

[10] This contemporary artist from Colombia depicted himself painting a highly-disfigured scene of political elites in *The Presidential Family*. He often paints exaggerated, fat figures, as in his series depicting the Abu Ghraib abuses.

ANSWER: Fernando **Botero** Angulo

190-13-83-18206

7. For 10 points each, name these English essayists.

[10] This author ruminated upon her walk through London to buy a pencil in the essay "Street Haunting," though she is better known for her feminist essay *A Room of One's Own*.

ANSWER: Virginia **Woolf**

[10] This essayist described his favorite mode of transportation in "The English Mail-Coach" and Shakespeare's artistic suspension of ordinary human life in "On the Knocking at the Gate in *Macbeth*."

ANSWER: Thomas **De Quincey**

[10] This man analyzed English writers in his essay collection *Appreciations* and wrote about Botticelli, Pico della Mirandola, and others in his masterwork, *The Renaissance*.

ANSWER: Walter **Pater**

020-13-83-18207

8. Answer the following about court cases that removed restrictions on workers, for 10 points each.

[10] The *Lochner* case invoked this amendment to keep working hours unlimited for New York bakers on "liberty of contract" grounds. Per Holmes's dissent, this amendment, which contains the Equal Protection clause, "does not enact Mr. Herbert Spencer's Social Statics."

ANSWER: **Fourteenth** Amendment to the United States Constitution

[10] This 1908 case ruled that states could make laws specifically limiting the working hours of women. The data-heavy "Brandeis brief" influenced this ruling.

ANSWER: **Muller** v. *Oregon* [or *Oregon* v. **Muller**]

[10] This Chief Justice during the *Lochner* and *Muller* cases also struck a blow against the Sherman Anti-Trust act with his majority opinion that manufacture isn't commerce in the *E.C. Knight* case.

ANSWER: Melville **Fuller**

104-13-83-18208

9. For 10 points each, answer the following about rigged races from Greek mythology.

[10] Pelops convinced this charioteer to sabotage Oenomaus' chariot, ultimately killing him. Pelops repaid this guy by throwing him off a cliff.

ANSWER: **Myrtilus**

[10] This woman lost a footrace after stopping three times to pick up golden apples thrown by a suitor variously named Melanion or Hippomenes.

ANSWER: **Atalanta**

[10] This man would have won the footrace in Patroclus's funeral games had Athena not rigged the race and caused him to stumble near the finish.

ANSWER: **Ajax** the **Lesser** [or **Locrian Ajax**; prompt on **Ajax**; do not accept "Ajax the Greater"; do not accept "Telamonian Ajax"]

003-13-83-18209

10. Answer some questions relating to aeolian deposits, for 10 points each.

[10] These geological structures, whose leeward face is called a slip face, come in barchan, transverse, linear, star, and parabolic varieties.

ANSWER: **dunes**

[10] This type of sedimentary deposit that gives the Yellow River its name is defined as wind-deposited dust which consists largely of silt but is commonly accompanied by fine sand and clay.

ANSWER: **loess**

[10] Examining the cross-sectional anatomy of a dune yields evidence of these units representing old slip faces. They sit beneath the thin topset strata and are horizontally-oriented units which are internally composed of inclined layers.

ANSWER: **cross-bedding** [or **cross-bedded** strata]

189-13-83-18210



11. The blockage of one vein that passes through this structure causes esophageal varices and a horrific condition in which the abdominal veins become visible, called caput medusa. For 10 points each:

[10] Name this organ, which is scarred and fibrosed in a condition common in longterm alcoholics called cirrhosis.

ANSWER: **liver**

[10] This vein carries blood from the enteric system from the liver.

ANSWER: hepatic **portal** vein

[10] These structures, which is surrounded by a limiting plate of hepatocytes, consists of a bile duct, a hepatic artery, and a branch of the hepatic portal vein.

ANSWER: **portal triad**

048-13-83-18211

12. Answer these questions about typography, for 10 points each.

[10] "Lorem ipsum," a set of junk Latin words used to test a typeface, originates from this Roman orator's *On Moral Ends*. He also made speeches denouncing Catiline and Marc Antony.

ANSWER: Marcus Tullius **Cicero**

[10] This process or property refers to the adjusted amount of space between any two individual characters of a typed phrase. Unlike tracking, it does not refer to the average space between all characters.

ANSWER: **kerning** [or **mortising**]

[10] Ascenders and descenders have their length measured above or below the height of this lower-case letter, whose size determines the default character size of a font.

ANSWER: lower case **x** [or **x-height**]

104-13-83-18212

13. One type of this phenomenon occurs in Bénard cells, in which hot fluid rises as a plume in the center and cooler fluid descends on the sides. For 10 points each:

[10] Name this form of heat transfer that occurs via fluids.

ANSWER: **convection**

[10] The left-hand side of these equations contains a convective term, which describes turbulence.

ANSWER: **Navier-Stokes** equations

[10] The governing equations for an incompressible flow are the momentum equation and this equation, which is based on the conservation of matter. More generally, these equations describe the transport of a conserved quantity.

ANSWER: **continuity** equation

190-13-83-18213

14. This man temporarily gave up his throne after he was forced to sign the Treaty of Altranstadt. For 10 points each:

[10] Name this Saxon elector who regained his throne after the Battle of Poltava, and whose death led to the War of the Polish Succession

ANSWER: **Augustus the Strong** [or **Augustus II**; or **Augustus Frederick**; or **August II Wettin**; or **August Mocny**; or **August der Starke**; prompt on **Augustus**]

[10] Augustus supported this czar during the Great Northern War, which this man fought against Charles XII.

ANSWER: **Peter the Great** [or **Peter I**; or **Pyotr Alekseyevich**; or **Pyotr Veliky**; prompt on **Peter**]

[10] This prince's final battle came during the War of the Polish Succession, when he failed to lift a siege on Philippsburg. In his prime, he decisively defeated the Ottomans at the Battle of Zenta and helped fight the Comte de Tallard in a 1704 battle.

ANSWER: Francois-**Eugene** of Savoy [or Franz-**Eugen**]

020-13-83-18214

15. For 10 points each, answer the following about notoriously obscene French novels.

[10] The young girl Cecile Volanges is raped by her music teacher in this novel about a perverse contest of debauchery between the Marquise de Merteuil and the Vicomte de Valmont.

ANSWER: *Les* **Liaisons Dangereuses** [or *The* **Dangerous Liaisons**]

[10] This Bastille inmate wrote about a young girl who is brought up at a monastery, where she is forced to participate in orgies with monks, in his novel *Justine*.

ANSWER: Marquis de **Sade**

[10] The title character's affairs with Rodolphe Boulanger and Leon Dupuis resulted in this novel's author, Gustave Flaubert, being tried in 1857 for obscenity.

ANSWER: **Madame Bovary**

020-13-83-18215

16. This 1792 work claims that miseducation creates women who are similar to hothouse flowers that bloom too early and thus become weak. For 10 points each:

[10] Name this pioneering treatise on feminism that attacks Rousseau's views on the education of women expressed in his *Emile*.

ANSWER: **A Vindication of the Rights of Woman**

[10] *A Vindication of the Rights of Woman* was a work of this English author who was the wife of the philosopher William Godwin and who wrote the novel *Mary, A Fiction*.

ANSWER: Mary **Wollstonecraft**

[10] This other philosopher served in Parliament and sponsored the 1868 Married Women's Property Bill. He wrote that "the legal subordination of one sex to the other is wrong in itself...." in his pamphlet *The Subjection of Women*.

ANSWER: John Stuart **Mill**

030-13-83-18216

17. These objects can be bipartite if they can be split into two sets of vertices such that every vertex in one set is connected to every vertex in the other. For 10 points each:

[10] Name these mathematical objects that consist of a set of vertices connected by edges.

ANSWER: **graphs**

[10] This mathematician names a type of cycle in which every vertex in a graph is visited exactly once. He invented a four-dimensional vector space that serves as an extension of the complex numbers.

ANSWER: William Rowan **Hamilton**

[10] This theorem states that a graph is nonplanar if and only if it contains a subgraph homeomorphic to the utility graph or the complete graph on five vertices.

ANSWER: **Kuratowski's** Theorem

080-13-83-18217

18. A version of this composer's *Fratres for Cello and Piano* was used in the film *There Will Be Blood*. For 10 points each:

[10] Name this modern composer of works like *Spiegel im Spiegel* and *Tabula Rasa*, in which he achieved "tintinnabulation."

ANSWER: Arvo **Part**

[10] Part's sacred works use the "holy" form of this simple, repetitive musical style, exemplified by Terry Riley and Philip Glass.

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

[10] Part wrote a short canon in A minor as an elegy to mourn the death of this composer, who himself composed a setting of the Requiem Mass interspersed with text from Wilfred Owen poems.

ANSWER: Edward Benjamin **Britten**, Baron Britten of Aldeburgh

020-13-83-18218

19. This character has an affair with his secretary Sharon Kincaid. For 10 points each:

[10] Name this New Orleans stockbroker who travels to Chicago with his step-cousin Kate Cutrer in *The Moviegoer*.

ANSWER: Binx **Bolling** [or **Binx** Bolling]

[10] This Southern novelist wrote *The Moviegoer*. He also created Dr. Tom More in *Love in the Ruins*.

ANSWER: Walker **Percy**

[10] Other works set in Louisiana include many of the stories by this other Southern author, such as "Desiree's Baby" and *The Awakening*.

ANSWER: Kate **Chopin**

149-13-83-18219

20. Elena Poniatowska collected testimonies of victims of this event in a 1970 work about "The Night" of it. For 10 points each:

[10] Name this 1968 killing of students protesting government attacks on their university's autonomy at the Plaza of Three Cultures.

ANSWER: **Tlatelolco** Massacre

[10] The Tlatelolco Massacre occurred in this city, at the instigation of the PRI government.

ANSWER: **Mexico City** [or **Ciudad de Mexico**]

[10] This general event began ten days after the massacre in Mexico City, and caused its own controversy when participants Tommie Smith and John Carlos gave black power salutes.

ANSWER: 1968 Summer **Olympics**

121-13-83-18220

21. Somewhat similar to polo, this game can last for days, and it is illegal to start a game of it without giving an oath to play fairly. For 10 points each:

[10] Name this popular game of Central Asia that is played with a headless goat carcass.

ANSWER: **Buzkashi** [or **Kokpar**]

[10] Buzkashi is the national sport of this country, whose city of Kandahar is the chief commercial center of its southern region.

ANSWER: **Afghanistan**

[10] The majority of people in Afghanistan belong to this ethnic group, whose tradition claims that they are descended from Afghana, the grandson of King Saul. Approximately 25 million members of this group live in Pakistan.

ANSWER: **Pashtun** [or **Pakhtun**; or **Pathan**]

030-13-83-18221