

VCU Closed

February 2, 2013

Packet by Illinois A (Unknown) and Columbia B (David Aum, Victoria Cui, Eamon Thomasson)

1. A landlord in this series played by Krysten Ritter takes a protagonist to visit a Georgia O'Keefe exhibit and discusses her paintings of doors before choking on her own vomit. A lawyer in this series encourages the protagonist to buy a laser tag arena instead of a carwash as part of a money laundering scheme, while another character tries to dissolve a (*) carcass in a bathtub full of hydrofluoric acid. In it, Anna Gunn's character trespasses on the home of Aaron Paul's character to demand he stop selling her husband marijuana and threatens to call her brother-in-law in the DEA, Hank Schrader. For 10 points, name this AMC television series starring Bryan Cranston as high school chemistry teacher Walter White, who makes meth.

ANSWER: Breaking Bad

2. This man published "On the Inhalation of the Vapor of Ether" following his work with surgical anesthetics and his celebrated personal administration of chloroform to Queen Victoria during the birth of her children. One of his earlier contributions related adulterated bread with the occurrence of rickets, while he is more famous for showing that Southwark and Vauxhall (*) Waterworks Company had been supplying homes with polluted water from the Thames. This man created a dot map that illustrated a cluster of cholera cases around the Broad Street Pump. For 10 points, name this man, considered to be the father of modern epidemiology.

ANSWER: John Snow

3. One piece by this composer ends with horn trills and a glockenspiel and triangle accompaniment under a melody carried by the flute, which ends in a "mist" rather than a musical climax. This man's suffering from a taxi accident and Pick's Disease led him to abandon the score to a G.W. Pabst movie, though he later published his three completed songs as *Don Quixote and Dulcinea*. This man composed a piano solo in (*) G major meant to be played extremely slowly, though in the orchestrated version the melody is given to the horn. He was commissioned by Ida Rubinstein to adapt Albeniz's *Iberia*, having previously made an orchestral arrangement of Mussorgky's *Pictures at an Exhibition*. For 10 points, name this French composer of *Pavane for a Dead Princess* and *Bolero*.

ANSWER: Maurice Ravel

4. In one part of this story, the narrator mentions how some combinations of words remind him of the Shakespearean phrase "malignant and turbaned Turk." At its close, this story describes methods of "deliberate anachronism" and "erroneous attribution" which allow the title character to attribute *Imitatio Christi* to Louis Ferdinand Celine or James Joyce. This story is similar to the author's other tale about (*) Herbert Quain. Although it is pointed out the title character did read *La Galatea* in his youth, he was initially a man who railed against the poetry of Paul Valery. It describes how two chapters and a fragment of a third are translated and literally re-authored by the title man. For 10 points, name this Borges story about the author of *Don Quixote*.

ANSWER: "Pierre Menard, Author of the Quixote" [or "Pierre Menard, autor del Quijote"; or : "Pierre Menard, Author of Don Quixote"]

5. This province's fort of *Verulamium* was renamed after its first martyr. One man from this province asserted "they make a desert and call it peace." That man, Calgacus, was a chieftain of some barbarians inhabiting this province, who was annihilated at the Battle of Mons Graupius. The first governor of this province was Aulus Plautius, who led a force to conquer it with the future emperor (*) Vespasian. Gnaeus Julius Agricola, the subject of a flattering biography by Tacitus, was tasked with invading this place. This place was where the queen of the Iceni, Boudicca, revolted against the Roman Empire. This Roman province was protected by the Antonine Wall and Hadrian's Wall. For 10 points, name this Roman province that included modern-day England.

ANSWER: Britannia [or Roman Britain]

6. In this country, women apply yellow facial cream called *m'sidazanou* in order to block out the sun. One can find the Humblot's Flycatcher only in this country. President Said Mohammad of this country was overthrown in a 1995 coup by Mohamed Taki. The French mercenary Bob Denard extracted the natural resources of this country when its first president Ahmed (*) Abdallah came to power. In April 2005, this archipelago's volcano of Karthala violently erupted. One island of this country came to be known as the "pearl of the Indian Ocean." Much of the world's supply of ylang-ylang and palmarosa can be extracted from its island of Anjouan. Other islands in this country include Mayotte and Moheli. For 10 points, name this group of African islands between Mozambique and Madagascar.

ANSWER: Union of the Comoros

7. This story's narrative is punctuated with descriptions of a week-long visit to the Valley of the Rhone as well as a journey through Gemmi Pass. It includes descriptions of its protagonist nearly being murdered by a dropped brick, a man with a poker, and a taxi driver that spun out of control. A major plot element is the protagonist (*) disguising himself as an Italian priest while on a train. Its author was forced to follow it up with a story about the villain's subordinate Sebastian Moran in "The Adventure of the Empty House." The antagonist of this story is described as spending his early years writing a treatise on the Binomial Theorem, and it concludes with two characters falling off Reichenbach Falls. For 10 points, name this Arthur Conan Doyle story that ends with the death of Sherlock Holmes and his arch-nemesis Moriarty.

ANSWER: "The Final Problem"

8. One perturbative solution to this kind of problem takes the form of an infinite series of Feynman diagrams that diverges. When finding an approximation for this kind of problem in the case of long wavelengths, the exponential term simply vanishes and all that must be integrated is the interaction potential; that is a special case of the Born Approximation. In quantum mechanics, this kind of problem usually is solved by finding the associated (*) amplitude of a wave, given that a plane wave encounters a potential and is transformed into a spherical wave. Classically, this type of problem is typically solved by finding the namesake angle given the impact parameter. For 10 points, name this kind of process in which a particle changes direction after a collision.

ANSWER: scattering [accept collision]

9. Following this event, the ICES was developed and the ACES suit was designed, and a new office headed by George Martin was created. One speech on this event compares the life of Sir Francis Drake, who lived and died on the sea, with those affected by this event. The only time that a State of the Union Address was postponed was when the President chose to make a speech about this event. This event was investigated by the (*) Rogers Commission, and during a televised hearing on this event, one man put a sample of material in ice-water and showed how it became less resilient. Richard Feynman showed how an O-Ring seal in its solid rocket booster started to disintegrate. Christina McAuliffe died during this event, as it was planned that she was going to be the first teacher in outer space. For 10 points, name this tragedy in which a certain NASA vehicle blew up.

ANSWER: Challenger Explosion/disaster

10. This artist's classical-styled paintings include *Lake Nemi* and *View of the Forum, Rome, with a Rainbow*. Late in his life, he painted a depiction of two monstrous fish in a lake that came to be known as *Sunrise with Sea Monsters*. He modeled many of his paintings after Claude Lorrain, such as the seaport-inspired *The Decline of the Carthaginian Empire*. Another of his paintings, which depicts the aftermath of the Battle of (*) Trafalgar, shows an object "being tugged to her last berth." Another of his paintings depicts the work of engineer Iseabard Kingdom Brunel and is alternately called *The Great Western Railway*. For 10 points, name this Romantic painter known for his landscapes, such as *Rain, Steam and Speed*.

ANSWER: JMW Turner [or Joseph Mallard William Turner]

11. Accounts of this conflict were written by Roger of Howden and Giraldus Cambrensis. Before one of the main combatants could reach the area of conflict, some of his ships as well as his fiancé were seized by Isaac of Cyprus. Another Isaac, the Byzantine Emperor, made a secret alliance to impede the progress of the German armies during this conflict, but after sacking (*) Iconium, that army retreated anyway because its commander fell off his horse and drowned. Following a successful capture of the city of Acre, Leopold V of Austria left this conflict. For 10 points, name this military venture led by Frederick I Barbarossa, Phillip II of France, and Richard I of England to retake the Holy Land from Saladin's control.

ANSWER: Third Crusade

12. Some members of this phylum contain a hook for gripping onto objects called a rostellum and an adhesive patch called a myzorhynchus. One member of this phylum reproduces by generating a zygote that is surrounded by an oncosphere, which eventually becomes the hexacanth protective covering. The tegument that covers this phylum of animals is lined with folds called microtriches. This phylum's class *Monogenea* is distinguished by the presence of its (*) haptors, while its class *Cestoda* is noted for its proglottids. Although they are not rotifers, this phylum of animals osmoregulate by groups of flame cells that are called protonephridia. This phylum of animals includes flukes and tapeworms. For 10 points, name this phylum that mostly consists of flatworms.

ANSWER: platyhelminthes [prompt on "flatworms" before mention]

13. This goddess became bored when her husband was out fighting the elephant-eating Bashe and Chiseltooth, and drank some mysterious liquids that caused her to start floating away. This goddess's husband joined her after being beaten to death with the limb of a peach tree. This goddess was married to a character who shot nine of the ten (*) suns, Houyi. She constantly receives the elixir of life from a pharmaceutically inclined jade rabbit. Lanterns honor her during the Mid-Autumn Festival. Buzz Aldrin discussed this deity with mission control shortly before the Apollo 11 landing. For 10 points, identify this Chinese goddess of the moon.

ANSWER: Chang'e

14. This Swarthmore professor observed chickens pecking at a white board when also shown a gray board after training them to peck a gray board when shown a black board, a process he termed transposition. He contrasted overt and covert behaviors, and criticized behaviorists for studying only the overt. This man was one of the subjects in a study about the (*) motion of separate objects viewed in succession, the phi phenomenon. He documented the "insight" of chimpanzees who used bamboo sticks and crates to retrieve bananas in his work *The Mentality of Apes*. For 10 points, identify this German psychologist who, along with Max Wertheimer and Kurt Koffka, developed the Gestalt School.

ANSWER: Wolfgang Köhler

15. One of this author's characters fills the liquor jugs of two men who approach while he is digging his father's grave. That novel by her ends when the main character is raped by a man with a purple car and purple clothing before being abandoned in a forest; earlier, that character's conversation with the salesman T. Fawcett Meeks spurs memories of stories about his cousin Bishop Rayber. This creator of (*) Francis Marion Tarwater also wrote a story featuring the characters Hiram and Bobby Lee and the cat Pitty Sing. That story follows a family taking a trip to Red Sammy before they are brutally killed by The Misfit. For 10 points, name this author of the novel *The Violent Bear it Away* and *Wise Blood*, who also wrote stories such as "A Good Man is Hard to Find."

ANSWER: Flannery O'Connor

16. According to the morality text *Mayi Xiangfa*, this man resembled a black boar with a dragon's head whenever he drunk wine, illustrating his lack of self-control. This man informed the emperor of the schemes of Song Mao and Miao Jinqing, who were demoted after they were found to take bribes in return for passing civil service exams. After this man died, his son appointed (*) Yin Zigi to carry out the Battle of Suiyang. This man's son was killed by his childhood friend Shi Siming, and he himself was assassinated by that son Qingxu. He was the favorite of court concubine Yang Guifei, who served under Emperor Yang Guozhong. For 10 points, name this Sogdian general who launched a very destructive revolt in China in 755.

ANSWER: An Lushan [or Xiongwu; do not accept "An Shi," which is a combination of two names and not any single person]

17. One architect from this country designed the library at Mount Angel Abbey in Oregon, and another worked with Albert Kahn on Michigan's Cranbrook Educational Community using ideas from the arts-and-crafts movement. Another notable architect from here once drew diagrams for bomb disassembly manuals before designing Noyes dormitory at Vassar and Ingalls ice skating rink at his alma mater, Yale. That same architect from here invented the (*) chair made of aluminum and fiberglass shown on *Star Trek*, the Tulip Chair. Architects from this country designed MIT's Kresge auditorium and the MIT dorm Baker House, in addition to Washington Dulles International airport. For 10 points, give this country home to the designers of the Essen Opera house and the Gateway Arch, Alvar Aalto and Eero Saarinen.

ANSWER: Finland [or Suomi]

18. One character in this novel takes a woman's pulse and declares she will live to be a hundred before asking for a rose as payment for sleeping drops for the baby Mitya. Before one of the protagonists kisses Fenichka, they visit a woman who invented a chemical to prevent doll's heads from breaking off, the educated Madame Kukshin. (*) Katya plays Mozart's "Sonata Fantasia in C Minor" for a character whom she later marries in this book, before Madame Anna Odintsova is called beautiful by another man who is dying from typhus acquired from a nick with an unsterile blade. In this novel's fifth chapter, a discussion of dissecting frogs illuminates different philosophies. For 10 points, name this work about the nihilists Arkady Kirsanov, Eugene Bazarov, and their families, written by Ivan Turgenev.

ANSWER: Fathers and Sons [or Ottsy i deti]

19. This man promoted the philosophy of the possibility of many legitimate viewpoints, Anekantavada, and taught aparigraha, or detachment from people and objects. This figure organized his followers into sadhus, sadhvi, shravaka, and shravika, and his teachings were recorded orally by those known as (*) ganadharas. This figure was born as a lion, several times as a demi god, and a human in his twenty-six incarnations prior to his last birth. While forty-two years old, he squatted under a sal tree to attain Kevala, or complete enlightenment, and he practiced ahimsa, or total nonviolence. For 10 points, name this twenty-fourth Tirthankara, an Indian sage and revered figure in Jainism.

ANSWER: Mahavira [or Vardhamana]

20. The Grothendieck pretopology named after this value posits the existence of fibered products. The separation axiom named after this value holds for a topological space if for all pairs of distinct points, there exists an open set containing one but not the other. That separation axiom is sometimes named after Kolmogorov. The sphere S^2 and the disc both have this genus and Euler characteristic. All countable sets have a (*) Hausdorff Dimension equal to this value. For a well-defined metric function to be equal to this value, both of the inputs must be the same element of the topological space. This value is also the dimension of a point. For 10 points, identify this value, which when added to a number equals said number.

ANSWER: zero or 0

TIEBREAKER/EXTRA

21. Act III of this play opens with a marquis bragging about his courage and his good looks before the sound of an offstage carriage interrupts the two characters talking. In another scene in this play, the title character insults the likes of acquaintances mentioned by the onstage gentlemen before he is summoned to a military tribunal. At its end, the title character's (*) marriage proposal is almost accepted by his love interest, but it is declined when he admits that he wishes to stay in "some small secluded nook on earth" and become a hermit. This play opens with a discussion between the title character and Philinte, who eventually gets the protagonist to admit his love for Celimene is irrational. For 10 points, identify this Moliere play centering on Alceste, who despises his fellow human beings.

ANSWER: The **Misanthrope**

22. One religious scholar born in this city authored the sexual treatise *De Coitu*, which lists a series of ways of curing sexual impotence without offending God. That scholar was named Constantine and eventually retired to Monte Cassino. Another theologian that was born in this city attacked Gnosticism in his treatise "Against the Scorpions" and converted to (*) Montanism at the end of his life. That thinker, who lived most of his life in this city, was the first to use the term Trinity to refer to the father, the son, and the holy spirit and was named Tertullian. Although it was not his birthplace, a theologian who was educated in this city converted to Manichaeism during his time here, but reconverted to Christianity after leaving the auspices of Faustus. This city was where Augustine received his theological education. For 10 points, name this ancient African city whose citizens worshipped Phoenician gods.

ANSWER: **Carthage**

VCU Closed

February 2, 2013

Packet by Illinois A (Unknown) and Columbia B (David Aum, Victoria Cui, Eamon Thomasson)

1. Answer the following about studying aperiodic behavior that is actually deterministic, unlike randomness, for 10 points each.

[10] First, identify this phenomenon, in which the trajectory of a dynamical system becomes unpredictable. It is exemplified by the butterfly effect and makes weather prediction hard.

ANSWER: deterministic **chaos**

[10] The Poincare-Bendixson theorem states that these kinds of closed-trajectories do not exist for non-linear, 2-dimensional dynamical systems. These kinds of closed trajectories are isolated.

ANSWER: **limit cycle**

[10] One characteristic of chaotic systems is that this parameter of the system doubles when it transitions from oscillation to chaos.

ANSWER: **period**

2. It asserts that the title time period reverted back to the myth of *The Odyssey* and not the *Theogony*, since Odysseus was able to use his bourgeois power to outwit chthonian deities. For 10 points each:

[10] Identify this seminal text which posits that the thought of Immanuel Kant and others paved the way for the masses to be taken over by despots.

ANSWER: **Dialectic of Enlightenment**

[10] Along with Max Horkheimer, this author wrote *Dialectic of Enlightenment*. He also authored a work that attempts to reconcile his own intellect with his exile to America, *Minima Moralia*.

ANSWER: Theodor **Adorno**

[10] Theodor Adorno's ideas on the dialectic were inspired by this earlier thinker's discussion on ideas. This man posited that ideas move through a dialectic in his *Phenomenology of Spirit*.

ANSWER: Georg Wilhelm Friedrich **Hegel**

3. This poem's translation from French includes the lines: "Falls/ the feather rhythmically suspended from the accident/ to bury itself/ in original foams." For 10 points each:

[10] Name this poem, which concludes "every thought emits" the subject of this poem. Its author, a Symbolist, inserted large amounts of blank space and used varying typefaces and sizes.

ANSWER: "A **Throw of the Dice Will Never Abolish Chance**" [or "Un **coup de dés jamais n'abolira le hasard**"]

[10] This author of "A Throw of the Dice Will Never Abolish Chance" almost finished a poem about the death of his son, "For Anatole's Tomb." He wrote "Did I love a dream" in his "Afternoon of a Faun."

ANSWER: Stéphane **Mallarmé**

[10] Mallarmé also wrote a poem on the tomb of this other French poet, who wrote *Artificial Paradises* based on his hashish experiences and penned *Les Fleurs du Mal*.

ANSWER: Charles **Baudelaire**

4. This man made an elaborate sculpture of four figures rotating a celestial globe in *The Seasons Turning the Celestial Sphere*. For 10 points each:

[10] Name this French Sculptor who may be more famous for a work at the Paris Opera, *The Dance*.

ANSWER: Jean Baptiste **Carpeaux**

[10] Carpeaux's *Ugolino and his Children* was modeled on a character from Dante. Dante also inspired the works of this other French sculptor, known for his *The Gates of Hell*.

ANSWER: Auguste **Rodin**

[10] Carpeaux sculpted a monument to this painter of *Gilles* and a trade-sign for the art dealer Edme Gersaint.

ANSWER: Jean Antoine **Watteau**

5. On June 16, 1955, this leader was excommunicated by the Pope. For 10 points each:

[10] Identify this dictator, who was ousted from office by General Eduardo Leonardi. This man's ideas are supported today by the Justicialist Party of Cristina Fernandez.

ANSWER: President Juan **Peron**

[10] Juan Peron was a president of this country, whose other rulers include Isabel Peron and Carlos Menem.

ANSWER: Republic of **Argentina**

[10] In 1970, this then-president of Argentina was kidnapped by Montoneros radicals, since he executed the Peronist Juan Jose Valle. He was executed shortly after.

ANSWER: Eugenio **Aramburu**

6. For 10 points each, name these authors who wrote about mulattos around the time of Reconstruction.

[10] This author tackled the complexities of the situation surrounding Armand's spouse, who was adopted by the Valmondés and is accused of being part black, in her story "Désirée's Baby." She also wrote *The Awakening*.

ANSWER: Kate **Chopin**

[10] This literary critic suggested that the Northerners of the late nineteenth century simply wished to be entertained by stories of mulattoes and "Southern Gentlemen" in a chapter about Thomas Nelson Page in his book *Patriotic Gore*.

ANSWER: Edmund **Wilson**

[10] Thomas Nelson Page debated the ideas of this author, who examined race by creating the characters of Honore and Darker Honore in one novel, and the symbolic collapse of the mansion house at Belles Demoiselles Plantation in a short story.

ANSWER: George Washington **Cable**

7. Created in the First Bulgarian Empire, it is used in the majority of Slavic languages, with notable exceptions such as Polish and Czech. For 10 points each:

[10] Name this alphabet was based on Greek uncial script and, according to tradition, was introduced by its namesake and St. Methodius to the Slavs.

ANSWER: Cyrillic alphabet

[10] This twenty-eight-letter writing system was introduced by King Sejong the Great in 1446 to replace the use of Chinese characters in the Korean language.

ANSWER: Hangul

[10] Consisting of 36 and 10 vowels, this alphasyllabary alphabet is part of the Brahmic family. It is used by Marathi, Nepali, and Hindi among other languages.

ANSWER: Devanagari

8. According to Aelian the original inhabitants of this Greek land consumed only acorns. For 10 points each:

[10] Identify this area which was the original home of Evander according to *The Aeneid*. Greek mythology asserts it was the home of Pan.

ANSWER: Arcadia

[10] Aeneas recruits the Italian Arcadians, including Pallas, to fight against this group led by Turnus.

ANSWER: the Rutulians

[10] This other Arcadian hero was a woman who participated in the Calydonian Boar Hunt. She lost a footrace after being distracted by golden apples.

ANSWER: Atalanta

9. These proteins contain a ligand-binding domain and a DNA-binding domain spanned by a hinge, and one class of them binds to hormone-response elements. For 10 points each:

[10] Name this class of receptors, some of which use cortisol and thyroid hormone as ligands. Along with their coactivators and corepressors, they alter gene expression after binding to a ligand.

ANSWER: nuclear receptors [or NRs, prompt on "receptors"]

[10] The nuclear receptor RAR is responsible for activating genes in response to retinoic acid. Retinoic acid is a derivative of this vitamin, which is also found in rhodopsin in the eye.

ANSWER: Vitamin A [or retinal]

[10] Many nuclear receptors start in the cytoplasm and then move into the nucleus through these structures embedded in the nuclear membrane.

ANSWER: nuclear pore complex [or NPC]

10. This man coined the term "mutually assured destruction" in reference to countries having anti-ballistic missiles with first and second strike capabilities. For 10 points each:

[10] Name this secretary of defense under JFK and LBJ.

ANSWER: Robert Strange McNamara

[10] McNamara hired this cadre of former RAND Corporation analysts at the Department of Defense. Named after a similarly scientific-minded group at Ford, they included Harold Brown and William Kaufmann.

ANSWER: the Whiz Kids

[10] In *The Fog of War*, McNamara blamed much of the disasters of Vietnam on this Air Force general, a proponent of "bombing them into the stone age." This commander of the Berlin Airlift later ran for Vice-President with George Wallace.

ANSWER: Curtis LeMay

11. A player poll named him the dirtiest player in the NFL. For 10 points each:

[10] Name this Detroit Lions defensive tackle who likes to step on people.

ANSWER: Ndamukong **Suh**

[10] One victim of Ndamukong Suh's dirty play was this Green Bay Packer, whom he stomped on during the 2011 Thanksgiving Day Game. Suh got a two-game suspension for it.

ANSWER: Evan Blake **Dietrich-Smith**

[10] Suh was a player for this college football team, which was once coached by Tom Osborne and Bob Devaney; it was led by the famously incompetent Bill Callahan as well.

ANSWER: University of **Nebraska** [or **Cornhuskers**]

12. This man founded the Fatherland's Front and promulgated the May Constitution. For 10 points each:

[10] Identify this Austrian despot, who was assassinated in a Nazi plot and replaced with Kurt Schuschnigg.

ANSWER: Engelbert **Dollfuss**

[10] Four years later, this event occurred, subsuming Austria into Germany.

ANSWER: the **Anschluss**

[10] This "father of the Austrian Republic" came to power in 1945; he was the first president of both the first and second Austrian republics. He had a mustache that could move mountains, and he was a founder of the "sociology of law" discipline.

ANSWER: Karl **Renner**

13. Answer some questions about lab safety, for 10 points each:

[10] A particularly useful device for keeping toxic fumes away from your lungs is these chambers, which contain a ventilator and are blocked off by a glass sash that can be raised and lowered.

ANSWER: fume **hood** [or fume **cupboard** or **laminar flow cabinet**]

[10] A common method of disinfecting a bench is to use a spray bottle with a 70% mixture of this substance, which forms an azeotrope with water at 96% concentration.

ANSWER: **ethanol**

[10] All chemicals are typically sold with one of these informational sheets, which lists the chemical properties, toxicity warnings, health hazards, etc. of a given chemical.

ANSWER: **MSDS** [or **Material Safety Data Sheet**]

14. It parodies hagiographies by purporting to tell a tale of a "carpenter and his wife." For 10 points each:

[10] Identify this Canterbury Tale which tells of Nicholas's and Absolon's attempts to woo Alison. It ends with Nicholas farting into Absolon's face and Absolon using a poker to burn Nicholas's ass.

ANSWER: "The **Miller's Tale**"

[10] The source for "The Miller's Tale" was one of these medieval French bawdy tales that often feature multiple lower-class villains upending the hypocritical clergy. "The Reeve's Tale" is also based on one.

ANSWER: **fabliau** [or **fabliaux**]

[10] The *Canterbury Tales* is usually arranged to end with this tale, in which the storyteller analyzes the three parts of penitence as the heart, the mouth, and satisfaction.

ANSWER: "The **Parson's Tale**"

15. This man depicted Abundance, Fortitude, and Fury in his decoration of Andrea Palladio's *Villa Barbaro*. For 10 points each:

[10] Name this Italian artist of the high style who painted *Triumph of Mordecai* for the ceiling of the San Sebastiano.

ANSWER: Paolo Veronese

[10] Veronese's rendition of this event included dwarfs and some drunk Germans. He had to rename it *Feast in the House of Levi*.

ANSWER: Last Supper

[10] Veronese's *The Marriage of Cana* was painted for the San Giorgio Maggiore, which is also the church that commissioned this "little dyer's" rendition of the *Last Supper*, shown from a diagonal perspective.

ANSWER: Tintoretto [or Jacopo Robusti]

16. It came about after Henry I's only legitimate son William Adeline died aboard the White Ship. For 10 points each:

[10] Name this intermittent civil war, fought with a nephew of Henry I who started this conflict alongside Henry of Winchester.

ANSWER: The Anarchy

[10] This man was the aforementioned nephew of Henry I, who opposed Matilda. When he came to the throne, his son Eustace of Boulogne would have become heir apparent.

ANSWER: Stephen of Blois

[10] One of the most memorable battles during The Anarchy was fought at this castle. It notably featured an escaping Empress Matilda making a run on the River Thames.

ANSWER: Oxford Castle

17. Two of this man's poems became the national anthems of India and Bangladesh, and a student of his wrote the Sri Lankan national anthem. For 10 points each:

[10] Name this Bengali man, whose plays include *The Post Office* and *Red Oleanders*.

ANSWER: Rabindranath Tagore

[10] Tagore is best known for this collection of 103 poems, the first of which describes a flute and says that "Thou hast made me endless, such is thy pleasure."

ANSWER: Gitanjali [or Song Offerings]

[10] In this Tagore novel, Bimala is convinced to go to a political rally held by Sandip, who later convinces her to steal from her husband Nikhil.

ANSWER: *The* Home and the World [or Ghore Baire]

18. This piece's second movement was termed a "Demonic dance" by Yevgeny Mravinsky, who premiered it at the Leningrad Philharmonic. For 10 points each:

[10] Name this orchestral work, the opus 99 of its composer. Its third movement borrows from the composer's "invasion theme" in the *Leningrad Symphony*.

ANSWER: Violin Concerto number 1 in A Minor [accept, but don't say, Shostakovich's 1st Violin Concerto or Shostakovich's Violin concerto in A Minor or the like]

[10] This Russian composer composed the *Leningrad Symphony* and *Lady Macbeth of the Mtsensk District*, in addition to that violin concerto.

ANSWER: Dmitri Shostakovich

[10] The third movement of the violin concerto is in this form, that may be from the Spanish for "walk the street." They are typically written in triple metre.

ANSWER: passacaglia

19. This man forced the resignation of police chief Ian Blair after the police mistakenly killed Jean Charles de Menezes in the aftermath of the July 7 bombings. For 10 points each:

[10] Identify this conservative politician who holds a post previously occupied by Ken Livingstone.

ANSWER: Boris Johnson [prompt on Johnson]

[10] Boris Johnson is the mayor of this metropolitan area; after Livingstone, he is only the second elected mayor of this city after the office was democratized in 2000.

ANSWER: London

[10] Johnson compared the annual money that he made while writing for this newspaper to chicken feed. It is currently edited by Tony Gallagher, who busted a bunch of MPs deducting expenses overgenerously in 2009.

ANSWER: *The Daily* Telegraph

20. Answer the following about an insidious computer bug, for 10 points each.

[10] One of the most insidious bugs is a segmentation fault, in which a program attempts to incorrectly access this resource. This kind of resource is implemented with a flip-flop.

ANSWER: memory

[10] In this object-oriented language, an out-of-bounds exception or something similar protects the user from segmentation faults. Its bytecode is executed by the JVM, its namesake virtual machine.

ANSWER: Java

[10] For most UNIX or LINUX processes that are POSIX compliant, a segfault will generate one of these consumable resources that is a form of inter-process communication. These resources can be suppressed by inserting them into a namesake mask.

ANSWER: signals

21. The first ones were made by Johann von Dreyse, and they get their name from the shape of their firing pin. For 10 points each:

[10] Name this firearm that gave the Prussians army the decisive advantage in the Battle of Sadowa.

ANSWER: needle gun

[10] This German Field Marshal commanded the winning forces at Sadowa. You may also want to know that he wrote a romance called *The Two Friends*, which is obviously still highly studied.

ANSWER: Helmuth von Moltke the Elder

[10] Moltke's theories of military dominance was influenced by that of this Prussian soldier, who was a subordinate of Scharnhorst and who wrote *On War*.

ANSWER: Carl von Clausewitz