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Tossups:

1. In a long listing section, this poem invokes such images as anise seed, a nest of eagles, and “a branch of roses for the man shot down.” This poem tells a woman, “life and death are reconciled in thee, lady midnight” before claiming “I have been endlessly falling since my birth.” This poem, which compares a woman’s body to a city, ends by describing the sun forcing “an entrance through my forehead” and separating the speaker “from his animal sleep” to resurrect him before (*) repeating its first lines. This poem’s speaker states “I travel through your waist as through a river,” exemplifying this poem’s frequent imagery of a “river that goes curving, advances and retreats.” This poem begins by describing a “pillar of fountain” and a “willow of crystal, a poplar of water.” For 10 points, name this 584-line poem based on the Aztec calendar, a work by Octavio Paz.

ANSWER: “Sun Stone” [or Piedra de Sol]

2. The height of these things is multiplied by lambda squared and divided by h cubed to calculate the Ursell Number, which is used to classify their complex behavior in nonlinear regimes. The pneumatic behavior of these things can create so-called blowholes, such as the one in Lion's Den of Cornwall, England. The innermost region where these things can dissipate their energy is called a berm. These things are responsible for creating (*) "rhythmic topography" of both inner and outer crescentic bars. These entities exhibit either plunging, collapsing, surging, or spilling behavior when they interact with a coast; often times these things translate their potential energy to turbulent kinetic energy when they break. For 10 points, name these entities, which create swash as they run up beaches.

ANSWER: ocean waves

3. The Weathermen released a statement calling white supremacy the “main question white people have to face” in the response to this event. The media incorrectly reported seeing “slit throats” in the aftermath of this event, which was investigated in the Meyer Report. One man involved in this event said that he felt the way Truman must have when he decided to drop the A-bomb. A command center in this conflict was nicknamed “Times Square,” and one side in this conflict put out a “manifesto” demanding that they be treated as men, not (*) beasts, and asked that Nation of Islam leader Louis Farrakhan be brought in to help negotiate. This revolt, which was sparked by the killing of George Jackson at San Quentin State Prison, was put down on the orders of Nelson Rockefeller. For 10 points, name this 1971 New York prison riot.

ANSWER: the Attica Prison Riot

4. This work calls Shakespeare the “poet’s poet” before quoting the line “Beshrew thee, cousin / which didst lead me forth / of that sweet way...” from *Richard II*. In another part, it calls “Socrates, Socrates, Socrates!” and claims that the world needs a Socrates because it is confused by much knowing, and that modern philosophy is “unsocratic.” This work examines the tension between the “finite and infinite” and “the relation’s (*) relating itself to itself in the relation.” The “inauthentic” type of the title concept comes from ignorance about the existence of a non-finite self, and the title comes from the Gospel of John 11:4 and the story of Lazarus. For 10 points, name this “Christian psychological exposition” published under the pseudonym Anti-Climacus by Soren Kierkegaard, which argues that the title condition is despair.

ANSWER: *The Sickness unto Death* [or *Sygdommen til Døden*]

5. In Canadian constitutional law, the concept of “the honour of the Crown” derives from this document, which is the only text explicitly mentioned in Section 25 of the *Charter of Rights and Freedoms*. This document is often called the “Indian Magna Carta” for being the first to recognize Aboriginal title. This document was drafted on the insistence of William Johnson and it set up frameworks for the governments of Grenada as well as East and West Florida. It set up the British (*) Crown as the only party entitled to purchase Aboriginal land, which it could then redistribute to settlers. Formulated in part to stabilize the frontier after Pontiac’s Rebellion,

this document provoked resentment in the Thirteen Colonies by restricting settlements west of its namesake line. For 10 points, name this document issued by King George III on the final year of the Seven Year's War.

ANSWER: Royal Proclamation of October 7, 1763 [or Proclamation of 1763; or 1763, October 7. By the King. A proclamation.; prompt on proclamation]

6. One man with this first name is dismayed to realize that the song he's about to sing splits the tenors into two parts, since he's been lip syncing. That character tries to fake a bad connection while going "Hallaher" in an imitation of a posh London accent, and pretends he is a reporter named Beesley from the *Evening Post*. Another character with this name is called a "romantic" who "cannot be cured" by the butterfly collector Mr. (*) Stein; that character is wracked by his guilt over leaving eight hundred Muslim pilgrims to die by abandoning the *Patna*. A character with this first name struggles to please his absentminded department head Welch, but ends up going to London with Christine Callaghan after being fired for a drunken lecture. For 10 points, give this first name shared by characters referred to as "Lord" and "Lucky" in novels by Joseph Conrad and Kingsley Amis.

ANSWER: Jim [or James]

7. This man is shown as a slab of rock propped by a crutch which has a mustache that serves as the wings of the "angel of speech" in a painting titled for him by Salvador Dali; that painting titled for him shows a fully nude Gala slumbering at the right of the dreamworld. In another painting titled for this man, the artist Raphael is led by hand towards this man as he sits on a throne, gestured at by men at the bottom in black Renaissance robes. A scroll and a (*) lyre are offered to this man in that painting, in which a woman in red with a sword and a woman in green with an oar sit at his feet. In another painting, this man is depicted as a statue in a shadowy room, on which another man is resting his hand. Rembrandt depicted "Aristotle with a Bust of" this man, and Ingres depicted his "Apotheosis." For 10 points, name this blind Greek poet of the *Iliad*.

ANSWER: Homer

8. The expectation value of the derivative of this parameter appears on one side of the Hellman-Feynman theorem. In a periodic system, this operator commutes with the translation operator, leading to Bloch's theorem. The exponential of negative I times t times this parameter over \hbar gives the (*) time evolution operator. Eigenstates of this operator do not change under a slow perturbation according to the adiabatic theorem. This operator of the wavefunction is equal to $i\hbar$ times the time derivative of the wavefunction according to the time-independent Schrodinger equation. For 10 points, name this operator that returns the total energy of the system.

ANSWER: Hamiltonian

9. An architect from this country created the "Flying Mud Boat," a building that hangs from wires, and is also known for creating houses that are balanced on crooked legs. An "empty" art museum in this country without a permanent collection features a rippling glass and steel curtain, and is surrounded by a growing forest. An architect from this country designed a trapezoidal hand-sanded steel roof for his museum 21_21 DESIGN SIGHT, and created a (*) church that has a cross-shaped window behind the altar named Church of Light. This country is the home of an architect who stresses "invisible structure" and built a pavilion in Finland out of paper waste products as well as a cathedral in New Zealand made of cardboard. For 10 points, name this country home to an airport with a Renzo Piano-designed terminal, the home of Tadao Ando and Shigeru Ban.

ANSWER: Japan

10. One work titled for this thing discusses Vautrin's lecture that no matter how hard a young man works to become a lawyer, he will never make as much money as if he marries a rich heiress. David Harvey criticized that work for claiming that this title concept is a thing, not a process. Another work titled for this concept uses the line AB to represent the length of the working day, and supposes that ten yards of linen is equivalent to one coat in its comparison of (*) M-C-M and C-M-C as models for the circulation of this thing. The "accumulation" of this concept is studied in the Solow model, and Thomas Piketty was criticized for equating it to wealth in his examination of it "in the Twenty-First Century." For 10 points, name this subject of a "Critique of Political Economy" by Karl Marx, often contrasted with labor.

ANSWER: capital [or *Das Kapital*; or Capital in the Twenty-First Century or *Le Capital* au XX^e siècle]

11. A “neo-” version of these structures commonly appears in atypical lipomas and well-differentiated sarcomas. 60% of patients with limited systemic scleroderma have antibodies to these structures. The application of Eg5 STLC inhibitor causes these regions to orient towards a monopole. An area of research involving this asks why its function is extremely stably conserved while its sequence is known to evolve rapidly; that is its namesake (*) paradox. A major epigenetic mark of these structures is the histone H3 variant CENP-A, and in humans it primarily consists of alpha-satellite repeats. During mitotic and meiotic cell division, this region serves as the location where the kinetochore is assembled. For 10 points, name this condensed region of the chromosome that joins together sister chromatids.

ANSWER: centromeres

12. An essay from the *Prison Notebooks* argues that Mazzini’s Action Party never became like this group because it failed to impose its will on the Bourgeoisie. This group provides the title of a book about the “destruction of European feudalism” led by a man who exemplified the ideals of Pericles, Jefferson, and Marx - despite his lack of education - in leading the “only successful slave rebellion in history.” Along with that book by (*) C. L. R. James, this name was applied to a faction whose most extreme members sat in the higher seats of the assembly, leading them to be known as “The Mountain.” That faction, which was toppled in the Thermidorian Reaction, set up the Committee of Public Safety. For 10 points, name this faction in the French Revolution led by Maximilien Robespierre, who defeated the moderate Girondins.

ANSWER: Jacobins [or *The Black Jacobins*; or Jacobin Club]

13. In one story by this author, the protagonist is disappointed when a Jesuit priest doesn’t recognize James Joyce’s name. That protagonist compares himself to Kafka in a letter to be read after his death, and he feels a sense of communion while smoking with two black farmhands in a barn. In another story by this author of “The Enduring Chill,” a woman annoys her (*) son by saying that he wants to be a writer but is selling typewriters for the time being and by claiming to enjoy her struggles. That character created by this author prides himself on having an objective view of his mother unblinded by affection, and lectures her after she tries to give Carver a penny but is nevertheless strongly affected by her death shortly after she gets off the bus and is confronted about her racism. For 10 points, name this author of “Everything that Rises Must Converge.”

ANSWER: Flannery O’Connor

14. The mountain-dwelling Shugendo sect practices an esoteric variety of this practice called *sokushinbutsu*. Al-Bukhari relates that, in several instances in which Muhammad almost engaged in this action while God’s revelations ceased, Gabriel appeared to remind him of his role as prophet. The final vow of Jainism is to engage in a form of this practice known as *sallekhana*. A controversial form of this action which would usually condemn its performer to (*) hell is justified by the idea of *ishtishhad* according to many Islamist militant groups. A famous photograph by Malcolm Browne depicts a Vietnamese monk engaging in a specific form of this action, which is much more common in Protestant societies than Catholic ones according to a famous monograph by Emile Durkheim. For 10 points, name this action which religious militants might perform in carrying out a bombing.

ANSWER: suicide [prompt on killing or murder; accept specific forms like suicide bombing or starvation or self-immolation; prompt generously on asceticism]

15. A history of tyrants of this region by Hugo Falcandus lies about the background of a reformist minister named Maio who worked for a king of this region that book calls “William the Bad.” Since Emperor Frederick II’s mother Constance was queen of this region, he was crowned its king at age two and made his main court in this region while mostly ignoring Germany. The conquest of this region grew out of an anti-Byzantine campaign to its north and east by sons of Tancred of Hauteville. After its three (*) emirs were defeated by Roger Bosso and Robert Guiscard, this region was home to a diverse mix of Norman and Arabic culture. Capetian rule over this island was overthrown in an Easter 1282 rebellion against Charles I of Anjou, which is known as its namesake “Vespers.” For 10 points, name this island ruled from Palermo.

ANSWER: Sicily [or Sicilia; accept Kingdom of Sicily or Norman Sicily; accept Sicilian Vespers; prompt on Italy]

16. This minor-key piece’s third movement begins in G major with with strings playing staccato triplets for two bars, then flutes and clarinets playing triplets while double reeds play eighth notes; after that, the oboes introduce its main martial-sounding theme. This piece’s first and last movements both have their second theme in D major; the second theme is introduced by strings in the first movement, in which the trombones

play a quotation from the Orthodox Requiem. The cellos play the first theme of this piece's second movement, which is marked (*) *allegro con grazia* and is in 5/4 time. This symphony's composer died nine days after its premiere. This symphony opens with a four note motif played by a solo bassoon, which later plays a passage marked with a sextuple *piano*. A "limping waltz" is found in, for 10 points, what final Tchaikovsky symphony, which shares its name with Beethoven's eighth piano sonata?

ANSWER: **Tchaikovsky**'s Symphony no. **6** in B minor, Op. 74 [or **Pathétique** Symphony; "Tchaikovsky" is not needed after it's read]

17. It's not Cambodia, but this country's elected monarch holds the title of Yang di-Pertuan Agong. This country was the site of four protests by the Coalition for Clean and Fair Elections known as the Bersih protests. The latest protests were sparked by the ruling party's embezzlement of funds from the 1MDB. The governing Barisan Nasional coalition were led to victory in the 2013 election by this country's current prime minister, (*) Najib Razak. Razak's UMNO party has governed since independence from Britain in 1957. In September 2016, Dutch investigators conclusively found that a Russian-made Buk missile system shot down a passenger plane belonging to this country's flag carrier in 2013 over Ukraine. For 10 points, name this Southeast Asian country whose state-owned oil company is the anchor tenant of the Petronas Towers in Kuala Lumpur.

ANSWER: **Malaysia**

18. Di-menthyl-phenyl-silyl groups are oxidized to this functional group in the Fleming-Tamao reaction. In oligonucleotide synthesis, this functional group is protected using DMT. This functional group is oxidized once by both DMP and PCC, and it undergoes an inversion of configuration when triphenylphosphine and DEAD are used to react with it in the Mitsunobu reaction. Deprotonating this functional group and adding to an alkyl halide results in an (*) ether via the Williamson synthesis. This functional group usually has a pKa around 16 to 19 and appears as a broad peak around 3300 inverse centimeters on IR spectroscopy. For 10 points, name this functional group with formula -OH.

ANSWER: **alcohol** [or **hydroxyl**]

19. A prophecy about this figure describes his first two trips to Hatti as good, but the third as a disaster. This god is granted power in a ceremony in which he makes cloth vanish and reappear. He is known as the "Quickener of the Death" and "Pure Incantation," as well as Asari, and he leads the Three Hundred Igigi. During the New Year, a statue of this god's son was moved to his cult center so the two could talk; he later gave that son the (*) *mushussu* dragon. This god, who rides four horses with poison in their mouths, was worshipped at Esagila and Etemenanki. This consort of Sarpanitu used wind to inflate the body of an enemy before shooting her with arrows. This god with fifty names then defeats Kingu to gain the Tablets of Destiny. For 10 points, name this Babylonian deity who killed Tiamat to become ruler of the gods.

ANSWER: **Marduk**

20. A character from this country finds the decayed body of a boy that may be his own son before taking some snuff and leaving. That character from this country may have been cursed after refusing to respect a witch who supposedly killed her children and drank their blood. The farm Summerhouses is located in this country, the setting of a work that contains the lullaby "Sleep my young darling," and was made into the Swedish film *The Outlaw and His Wife*. After an affair with the bailiff's son, (*) Rosa dies in childbirth in this country, while her daughter refuses help from her biological father, now a wealthy politician. Asta eventually reconciles with her father, a sheep-herder who chooses to live in a turf-covered hut in this country rather than join in collective action. For 10 points, name this home of Bjartur Jonsson, the protagonist of *Independent People* by Halldor Laxness.

ANSWER: **Iceland** [or **Lýðveldið Ísland**]

Bonuses:

1. In the Kerr effect, an electric field induces this property with a squared dependence on the field strength. For 10 points each:

[10] This optical property describes anisotropic materials with refractive indices dependent on the polarization and propagation direction of light passing through them. It also explains the phenomenon of double refraction.

ANSWER: **birefringence**

[10] This formula relating incident angles across a boundary states the ratio of the sines of the incident angles is equal to the ratio of the velocities of light across the two mediums.

ANSWER: **Snell's law**

[10] The reference ellipsoid of a crystal can be determined by finding this vector, symbolized with a capital D. This quantity's divergence is equal to the free charge density.

ANSWER: **electric displacement field** [prompt on partial answer, do not accept "displacement current"]

2. This husband of Mama Quilla told his children to build their capital where a golden wedge sank into the ground. For 10 points each:

[10] Name this father of Pacha Kamaq and Manco Capac, who was often depicted as a golden disk,

ANSWER: **Inti**

[10] Inti was said to have transformed these things into an army to help his son defeat Uscovilca. His father Viracocha created mankind out of these things, which were also used to make people by Pyrrha and Deucalion.

ANSWER: **stones** [or **rocks**]

[10] One Incan legend states that these creatures' tails are black because of a flood foretold by a llama which rose so close to the summit of a high mountain that it dipped this animal's tail.

ANSWER: **fox**

3. This task can be done with the Bellman-Ford algorithm for graphs with negative edge weights. For 10 points each:

[10] Name this task, which is more often done with Dijkstra's algorithm. On unweighted graphs, it can be done with a simple breadth-first search.

ANSWER: finding the **shortest path** [accept **pathfinding**; accept finding the single-source all-destination **shortest path**]

[10] Initially, Dijkstra's algorithm adds all the nodes to one of these structures and pops the top node from this structure before "relaxing" its neighbors' distances. These structures are often implemented using heaps.

ANSWER: **priority queue** [do not accept or prompt on "queue"]

[10] This path-finding algorithm modifies Dijkstra's by ranking nodes in the priority queue according to a heuristic like Euclidean or Manhattan distance estimating how close they are to the goal.

ANSWER: **A*** search algorithm [pronounced "**A-star**", but allow descriptive answers]

4. In an unexpected highbrow precursor to *Sisterhood of the Traveling Pants*, the title women of this novel share a Schiaparelli dress as a good-luck token. For 10 points each:

[10] Name this novel, in which Jane Wright investigates the death of anarchist Jesuit Nicholas Farrington, who was involved with the May of Teck Club.

ANSWER: *The **Girls of Slender Means***

[10] This author of *The Girls of Slender Means* and *The Prime of Miss Jean Brodie* wrote about Dougal Douglas in *The Ballad of Peckham Rye*.

ANSWER: Muriel **Spark**

[10] Dougal Douglas is associated with this figure due to the two lumps in his head from surgically removed horns. Saladin Chamcha takes on the personality of this figure in a Rushdie novel named after this figure's "Verses."

ANSWER: the **devil** [or **Satan**]

5. Eudes of Aquitaine swore fealty to the victor of this battle. For 10 points each:

[10] Name this 732 battle in which repeated cavalry charges against the winning side's entirely infantry army led to the death of Abd ar Rahman, whose army then retreated south.

ANSWER: Battle of **Tours** [or the Battle of **Poitiers**]

[10] This son of Pepin of Herstal was nicknamed “the Hammer” and led the French to victory at Tours despite being outnumbered. He was technically only the Mayor of the Palace, but his son Pepin the Short became king.

ANSWER: **Charles Martel** [or **Carolus Martellus**; or **Karl Martel**; prompt on **Charles**, **Carolus**, or **Karl**]

[10] This eldest son of Lothair of France nicknamed “The Lazy” was the last Carolingian king of West Francia. After dying childless, Hugh Capet was elected to succeed him.

ANSWER: **Louis V** of France [prompt on **Louis**]

6. This thinker cast doubt upon the theory of evolution by natural selection in the essay “Why Pigs Don’t Have Wings.” For 10 points each:

[10] Name this former professor at Rutgers University who argued that cognition takes place in a “language of thought.” He supports a version of the computational theory of mind, or CTM.

ANSWER: Jerry **Fodor**

[10] One attack against CTM utilizes this mathematical theorem, as CTM requires the mind to be a consistent formal system. Roger Penrose and J.R. Lucas have both used this argument, although it is not widely supported.

ANSWER: **Gödel**’s first **incompleteness** theorem [prompt on **incompleteness theorem**]

[10] Some philosophers argue that CTM implies the nonexistence of this concept. This concept is often contrasted with determinism, while compatibilism says that the two can co-exist.

ANSWER: **free will** [or **freedom of the will**]

7. 202 years after his hanging for planning a slave rebellion in Virginia, Tim Kaine granted this man and his followers an informal pardon. For 10 points each:

[10] Name this literate blacksmith who planned to lead a slave rebellion but was betrayed by two fellow slaves. He was caught and eventually hanged with his brothers and 23 other slaves.

ANSWER: **Gabriel Prosser** [accept either]

[10] Prosser led his slave rebellion in this Southern city. This city also served as the capital of the Confederacy for most of the Civil War.

ANSWER: **Richmond**, VA

[10] This major iron-working site in Richmond was named for a mining town in Wales. It was the largest producer of artillery and military-grade iron for the Confederacy.

ANSWER: **Tredegar** Iron Works

8. Oliver Wendell Holmes used the phrase “even a dog knows the difference between being stumbled over and being kicked” to illustrate this legal concept. For 10 points each:

[10] Name this two-word Latin concept that one needs to have criminal intent to be culpable in a crime.

ANSWER: **mens rea** [prompt on **guilty mind**]

[10] Even in the absence of mens rea, people can be found culpable due to this legal term. This term refers to people who have ignored a “duty of care” and is often applied in cases of endangerment of a child or drunk driving.

ANSWER: **negligence** [accept word forms like **negligent**, do not accept **negligible**]

[10] This charge is used on people who abet felonies and are unlike accomplices in that they are generally not present at a crime scene. Those who assist the principal criminal *after* the commission of a crime are known as these things “after the fact.”

ANSWER: **accessory** [accept **accessory after the fact**; accept **accessory before the fact**]

9. One woman in this play is sad because although newspapers say orange juice is healthy for children, her own child has never even seen a grapefruit. For 10 points each:

[10] Name this play, composed of short scenes in which Fayette tries to persuade Miller to spy on his boss, Florence falls in love with Sid, and Edna persuades the taxi-driver Joe to stand up to his employers during a strike.

ANSWER: **Waiting for Lefty**

[10] *Waiting for Lefty* was written by this leftist American playwright who wrote about the Bergers in *Awake and Sing!* He also wrote about Joe Bonaparte’s struggle between boxing and music in *Golden Boy*.

ANSWER: Clifford **Odets**

[10] *Waiting for Lefty* ends with this repeated word; in early productions of the show, the audience would sometimes leave the theatre chanting this word in imitation of the actors.

ANSWER: **strike!**

10. Color woodcuts made in this state include *Cliff Dwellings* and *San Geronimo - Taos*, which depicts a group of brightly clad people standing in front of a yellow building with ladders. For 10 points each:

[10] Name this state, the setting of a namesake Gustave Baumann portfolio. It is also the site of the “White Place” visited by an artist who created “Ram’s Head, White Hollyhock, and Little Hills” and many paintings of cow skulls.

ANSWER: New Mexico

[10] This American artist painted those cow skulls while in New Mexico. She was often photographed by her husband Alfred Steiglitz.

ANSWER: Georgia O’Keeffe

[10] O’Keeffe created a painting of a Shelton hotel showing a “bite out of one side of the tower” taken by this thing. Adolph Gottlieb’s *Burst* and *Imaginary Landscape* series contain representations of this thing in their upper halves.

ANSWER: the Sun

11. During the premiere of this musical, its writer Franz Liebkind ran onstage to confront the audience but was accidentally knocked out despite his Wehrmacht helmet. For 10 points each:

[10] Name this musical within *The Producers*, an homage to the Nazi party which becomes a success despite the efforts of its producers, Max Bialystock and Leo Bloom, who intended it to flop as part of a scam.

ANSWER: Springtime for Hitler [do not accept *The Producers*]

[10] The real Hitler’s last spring was far from enjoyable. After this Waffen SS general refused to attack the 1st Belorussian Front, Hitler went on a tirade on April 22 where he declared that all was lost, as depicted in *Downfall*.

ANSWER: Felix Steiner

[10] In *The Hitler Spring*, this Italian poet described “an eternal angel passed in flight” and engulfed by “an eerie emptiness lit and festooned with swastikas.” He also wrote the collection *Cuttlefish Bones*.

ANSWER: Eugenio Montale

12. Answer some things about a certain group of organic compounds and a reaction they are used in, for 10 points each:

[10] These polar organic compounds partake in hydrogen bonding and are proton donors. They are characterized by the general formula R-COOH.

ANSWER: carboxylic acid [or carboxylate]

[10] This reaction brings together a carboxylic acid with an alcohol to produce a chemical compounds characterized by the replacement of a hydroxyl group by an alkoxy group.

ANSWER: Fischer esterification

[10] This strong yet non-oxidizing organic acid is commonly used as a catalyst in Fischer esterification. It has the chemical formula CH₃C₆H₄SO₃H.

ANSWER: tosylic acid [or tosylate]

13. Name some things about jazz pianists influenced by Bud Powell, for 10 points each.

[10] McCoy Tyner, who was a neighbor and a student of Bud Powell, was the pianist for this man’s quartet, recording albums such as *Crescent* and *A Love Supreme* with him.

ANSWER: John Coltrane

[10] This jazz pianist wrote the foreword to Bud Powell’s biography *The Dance of the Infidels*, praising Powell for the “incomparable originality of his creation.” This pianist recorded *Waltz for Debby* with his trio that included Scott LaFaro and Paul Motian.

ANSWER: Bill Evans

[10] When Powell died, this jazz pianist recorded the album *Remembering Bud Powell*. This jazz and fusion pianist is recorded the song “Spain” and founded the group Return to Forever.

ANSWER: Chick Corea

14. Black fasting is one of the more extreme practices that this denomination shares with Catholics. For 10 points each:

[10] Name this Protestant denomination, which drew its practitioners from the Holiness movement and other revivals in the early twentieth century.

ANSWER: Pentecostalism

[10] The Church of God with Signs Following is a subgroup of Pentecostal practitioners that drink poison and do this other dangerous activity, based on an action described in Mark 16:18.

ANSWER: snake handling [accept serpent handling]

[10] Pentecostals often use many examples of these things when they believe they are possessed by the Holy Spirit. According to the Bible, these things became distinct only after the fall of the Tower of Babel.

ANSWER: languages or tongues

15. Answer the following about organelles, for 10 points each.

[10] Plants contain these specialized peroxisomes, a single-membrane compartment that oxidize fatty acids to acetyl-CoA.

ANSWER: glyoxysomes

[10] The idea that organelles such as mitochondria and chloroplasts in eukaryotic cells evolved as a mutually beneficial relationship between single-celled organisms is given this name.

ANSWER: endosymbiotic theory [or symbiogenesis]

[10] Recent research has discovered these prokaryotic organelles which contain certain crystals that orient some bacteria towards environments with low oxygen content.

ANSWER: magnetosomes

16. The first two movements of Shostakovich's Symphony No. 14 are settings of this author's poems. For 10 points each:

[10] Name his author, in whose memory Silvestre Revueltas wrote an "homage" for chamber orchestra. The *Intermezzo* of a sonata by Francis Poulenc was directly inspired by this author's death.

ANSWER: Federico Garcia Lorca

[10] Poulenc's sonata mourning Lorca's death was written for this instrument and piano. Silvestre Revueltas himself played this high string instrument also played by Sarah Chang and Hilary Hahn.

ANSWER: violin

[10] David Henry Hwang worked with Osvaldo Golijov [go-LEE-hov], a composer from this country, on an opera about Lorca's death titled *Aidamar*. This country's composers include Astor Piazzolla [pee-ah-"SOUL"-ah] and Alberto Ginastera [hee-nah-"STAIR"-ah].

ANSWER: Argentina [or Argentine Republic]

17. These laws brought about the development of estates called *shoen*. For 10 points each:

[10] Name this set of laws promulgated during the Asuka period, which curtailed the power of regional governors and imported traditions like the equal field system from China.

ANSWER: Taika reform(s)

[10] The Taika reforms basically wholesale imported large parts of the culture of this contemporary Chinese dynasty, which was interrupted by the reign of Wu Zetian. It ruled during the 7th through 9th centuries AD.

ANSWER: Tang dynasty

[10] Nakatomi no Kamatari, the founder of this clan, rose to prominence by working on the Taika reform. This clan dominated Heian-era politics by marrying its daughters to emperors and holding offices such as regent or chancellor.

ANSWER: Fujiwara clan

18. Two children nearly born on a bus in this novel believe that if they were born earlier they could have gotten a lifetime of free rides. For 10 points each:

[10] Name this novel about the twins Rahel and Estha, who is molested by the Orangedrink Lemondrink Man. They are raised by Ammu and their aunt Baby Kochamma before being separated.

ANSWER: *The God of Small Things*

[10] This "untouchable" has a knack for fixing almost anything and has an affair with Ammu. Baby Kochamma forces Rahel and Estha to claim that he tried to kidnap them, and he is beaten by the police and dies in prison.

ANSWER: Velutha

[10] Baby Kochamma turns bitter after falling in love with a man with this profession. Both G.K. Chesterton's detective J. Brown and the character Arnall in *A Portrait of the Artist as a Young Man* have this profession.

ANSWER: a priest [or equivalent]

19. Name the following about 17th century French drama, for 10 points each.

[10] One of the few comedians, this playwright of *The School for Wives* and *The Hypochondriac* wrote about the alcoholic woodcutter Sganarelle in *The Doctor Despite Himself*.

ANSWER: Moliere [or Jean-Baptiste Poquelin]

[10] This other dramatist was known for his adaptations of ancient or Classical works; he re-told the story of the Trojan War in *Andromaque*, while Voltaire called his *Athalie* the greatest triumph of the human mind.

ANSWER: Jean-Baptiste Racine

[10] In this play by Pierre Corneille, the titular martyr's wife Pauline unsuccessfully tries to convince him to renounce his Christianity. The protagonist entrusts her to the Roman soldier Servetus before he is put to death.

ANSWER: Polyeucte [or Polyeucte martyr]

20. Karl Marx described this war as a case of "the French doing nothing and the British helping them as fast as possible." For 10 points each:

[10] Name this war in which France, Britain, Sardinia, and the Ottomans fought against Russia on a namesake peninsula. The Charge of the Light Brigade took place during this war.

ANSWER: Crimean War

[10] The Charge of the Light Brigade took place during this particular battle, in which Colin Campbell ordered men to line up in two to create a "thin red line" to resist a Russian cavalry charge.

ANSWER: Battle of Balaclava

[10] At Balaclava, this overall commander of British forces in the Crimea ordered Lord Lucan, the cavalry commander, to send Lord Cardigan's Light Brigade to attack the Russians. He died of dysentery during the war.

ANSWER: Lord Raglan