

2021 Semi-Serious Charity Tournament Packet 2 (by Kurtis Droge)

Tossups

1. Peter the Great of Aragon built a site for this activity at the base of Montjuic [mahn-joo-EEK] Mountain called the Drassanes Reials [drah-SAH-nas ray-AHLS]. Hernan Cortez tasked Martin Lopez with performing this activity in the Siege of Tenochtitlan [tuh-NOWCH-teet-LAHN]. At the Bay of Horses, the members of the Narvaez Expedition melted down their (*) armor into nails to perform this activity, which drove the demand for oakum and hemp in the New World. A brigantine or a caravel could be made in, for 10 points, what activity that produced the Spanish Treasure Fleet?

ANSWER: shipbuilding [accept equivalents such as building ships or making boats]
<Any History>

2. A physician working in this city pioneered the use of foxglove to treat epilepsy and dropsy. A mob targeting religious dissenters burned down Joseph Priestly's house in this city. Joseph Chamberlain entered politics by serving as the mayor of this city. This city's (*) Upper Priory Cotton Mill was the first mechanized cotton mill in the world. A namesake Lunar Society of intellectuals met in this city that was the epicenter of the Midlands Enlightenment. For 10 points, name this second-most populous city in England.

ANSWER: Birmingham [the first clue refers to William Withering]
<European History>

3. One poem calls this concept "swift to fasten and swift to sever / Hand from hand, as we stand by the sea." John Milton's Seventh Sonnet calls this concept a "subtle thief." An ottava rima poem by (*) Charles Swinburne is titled "The Triumph of" this concept. The speaker of "To His Coy Mistress" hears this concept's "winged chariot hurrying near" and laments "Had we but world enough and" this concept. For 10 points, complete the title of Robert Herrick's "To the Virgins, to Make Much of" this concept.

ANSWER: time
<Anglo Lit>

4. A sexist speech from one of these events likens a mother to "a host who feeds a guest." During one of these events, a man claims that a grating-knife rightfully apportioned a piece of Sicilian cheese. To attend these events, a man ties himself to an ass and disguises himself as smoke rising from a chimney to escape his son (*) Bdelycleon's [dell-ICK-lee-on's] watchful eye. *The Wasps* is about a man addicted to these events. *The Eumenides* climaxes with one of, for 10 points, what events, in which Athena may cast a tie-breaking vote?

ANSWER: trials
<Euro / World Lit>

5. This novel begins with a man emerging from a transfer booth in Beirut while trying to extend his birthday by constantly switching time zones. A woman in this novel has been

selectively bred to be extraordinarily lucky by a race who consider bravery to be a type of insanity. In this novel, the (*) Puppeteer Nessus recruits Louis Gridley Wu to investigate a massive, hollow structure that encircles a star. For 10 points, name this sci-fi novel by Larry Niven that is not to be confused with the similarly-named *Discworld*.

ANSWER: Ringworld

<My Choice>

6. By dividing the perimeter of a hexagon by the circumference of a circle, mathematicians in this region gave pi a value of $25/8$, though the approximation of three was more widely used. Pythagorean triples are listed in the Plimpton 322 artifact from this region. People in this region originated the division of the (*) day into twelve hours and sixty minutes; this region used a base sixty numeral system in which directional wedges represented digits. For 10 points, Babylonian Mathematics was used in what region?

ANSWER: Mesopotamia [accept Sumeria; accept Babylonia or Babylonian Mathematics before read; prompt on Assyria; prompt on the Middle East; anti-prompt on Iraq]

<Physics / Other Sci>

7. In 2009, a leader of these people set aside their ban on circumcision, which was enacted two hundred years earlier to bolster their armies. Some of these peoples' warriors wielded a large shield whose name means "to brush aside," which they used to hook away smaller enemy shields. A ruler of these people popularized a (*) short spear with a foot-long blade called the iklwa [ICK-ul-wah]. These people, who used the buffalo horn formation, defeated the Ndwandwe [in-DWAHN-dway] people in the late 1810s. For 10 points, name these people led by Shaka.

ANSWER: Zulus [prompt on Nguni]

<World History>

8. In the story "A Peculiar Tale," the narrator kisses a prostitute who had met with this character. This character ignores an actor's cries for help while sawing down a tree. In a scene often named for this character, assistants and passers-by were recruited to (*) join hands under a dark cloud. A priest in a confessional is revealed to be this character, who listens to a knight claim that he wishes to perform one meaningful deed. For 10 points, Antonius Block plays chess with what character in the film *The Seventh Seal*?

ANSWER: death [or dod]

<Auditory / Other Arts>

9. During this event, prospective Speaker of the House Bob Livingston resigned his seat due to information unearthed by Larry Flynt. Cheryl Mills first gained national attention as part of this event, in which she said "I'm not worried about civil rights." Four (*) counts including perjury and abuse of power formed the charges in this event, which began after the publication of the Starr Report. Monica Lewinsky's testimony aired during, for 10 points, what 1998 procedure that targeted the sitting Democrat president?

ANSWER: impeachment of Bill Clinton [prompt on impeachment; prompt on trial of Bill Clinton]

<American History>

[Note to players: The answer to this tossup is three English words]

10. The protagonist of a novel whose title begins with this phrase dreams of a “mythic ancestor” who was an estate overseer and depicts his family in two paintings of the crucifixion. This phrase begins the title of a short story collection about an Armenian boy growing up in California by (*) William Saroyan. A novel whose title begins with this phrase is partly narrated by the dead miniaturist Elegant Effendi. For 10 points, name the first title words of Chaim Potok’s novel *Asher Lev* and Orhan Pamuk’s novel *Red*.

ANSWER: my name is [accept My Name Is *Asher Lev* or My Name Is *Aram* or My Name Is *Red*]

<Any Lit>

11. A woman of this name ordered the death of the preacher Desiderius of Vienne after he accused her of incest; that woman of this name avenged the murder of her sister Galswintha through a feud with Fredegund, married the Frankish king Sigebert [SIG-uh-BARE] I, and was a three-time (*) regent of Austrasia [oss-TRAY-zhuh]. In one story, a woman of this name vowed to wed the man who could ride through the flames that surrounded her tower, leading her to marry Gunnar. For 10 points, give the name of the valkyrie who kills herself after Sigurd’s death.

ANSWER: Brunhilda

<GK / Other>

12. This region contains its state’s “Grand Canyon,” which has a name translating as “hard stick.” Stanley Marsh III encouraged members of the Ant Farm to design a piece of installation art in this region. This region’s Bug Farm encourages passers-by to “Sign a Bug” and contains (*) Volkswagen Beetles planted upside-down into the ground in a similar manner to this region’s Cadillac Ranch. Palo Duro Canyon is along the Caprock Escarpment in, for 10 points, what region where Route 66 passes through Amarillo?

ANSWER: Texas Panhandle [prompt on northwest Texas; prompt on panhandle]

<Modern World / Geo>

13. This character relates the plot of a movie in which a doctor smothers a suffering, sick girl to death. This character, who adopts the middle name Weatherfield, looks forward to playing Benedict Arnold in an upcoming Christmas Pageant. The narrator of a novel breaks the (*) record “Little Shirley Beans” that he had bought for this character, and later experiences extreme happiness while watching this character ride a carousel in Central Park. For 10 points, name this younger sister of Holden Caulfield.

ANSWER: Phoebe Caulfield [prompt on Caulfield]

<Any Lit>

14. A population of “Gambian” animals of this order live wild on Florida’s Grassy key, where they were imported as pets. Some scientists suggest using CRISPR/Cas9 to target animals in this order as part of the P-F 2050 plan, which primarily calls for the (*) removal of animals of this order from New Zealand by the year 2050. An animal of this order called the

coypu or the nutria is an invasive species in the southern U.S. Two continuously-growing front teeth characterize, for 10 points, what order of squirrels and rats?

ANSWER: rodents [or rodentia; anti-prompt on rats before read; the first clue refers to the Gambian pouched rat]

<Bio / Chem>

15. In one movie, this man portrayed a wealthy estate owner who invites guests to 22 Lola Lane for dinner and a killing. This man, who tweaked a William Archibald play while screenwriting *The Innocents*, made his film acting debut in the comedy *Murder by Death*. Toby Jones portrayed this man in the film (*) *Infamous*, which debuted the year after Philip Seymour Hoffman won an Oscar for his portrayal of this writer in 2005. For 10 points, what author spent time in a Kansas prison researching his book *In Cold Blood*?

ANSWER: Truman Capote

<My Choice>

16. Details from a painting whose title begins with this word include a scythe-wielding Time with a putti's arm in his mouth and Minerva battling the giants. A painting with this first title word, which shows citizens grasping a chord held by Concord and the Common (*) Good, is in the Salon of Nine in Siena. The Palazzo Barberini's grand salon contains a fresco whose title starts with, for 10 points, what word that begins the titles of Ambrozio Lorenzetti's "of Good Government" and Pietro da Cortona's "of Divine Providence"?

ANSWER: allegory [or allegoria; accept Allegory of Divine Providence and Barberini Power or Allegory of Good Government or Allegory of Good and Bad Government]

<Visual Arts>

[Note to players: Description acceptable]

17. A character attempts to frame a serial killer for one of these crimes by writing the word "bloodlust" in the victim's blood. The key to solving one of these crimes is that the numbers "1 1 0 3 7" spell out the name "Leon" in mirror writing. In one of these crimes, a (*) cross-dressing girl is killed with a dumbbell in the boys locker room. The perpetrators of these crimes are punished by the robot bear Monokuma after being exposed in the class trial. For 10 points, name these crimes from a Japanese visual novel game.

ANSWER: the murders from Danganronpa: Trigger Happy Havoc [accept equivalents, such as the killings at Hope's Peak Academy; do not accept or prompt on answers indicating the crimes happened in *Danganronpa 2* or other entries in the series]

<Pop Culture>

18. In Orthodox tradition, these texts are divided into twenty parts called kathisma [ka-THIZ-muh]. Many of these texts have an ornate beatus initial that begins the phrase "Beatus vir." These texts, such as the Utrecht one from the Carolingian Era, joined the (*) gospel books as popular types of illuminated manuscripts. The first book published in the British colonies was the Bay one of these texts. "The lord is my shepherd; I shall not want" begins part of, for 10 points, what texts that contain a part of the Bible often sung to music?

ANSWER: psalters [or psalm books; prompt on illuminated manuscripts before read; prompt on Bible before read]
<Belief>

19. A man with this surname shared a posthumous Grammy Award with his wife for the spoken word album *In This Life Together*. A singer of this surname scored a hit with a version of an Aubrey Woods song from the film *Charlie and the Chocolate Factory*. An actor of this surname played the town drunk Da Mayor in (*) *Do the Right Thing*, where he appeared with his wife Ruby Dee. "The Candy Man" was sung by an African-American member of the Rat Pack with, for 10 points, what surname of the entertainers Ossie and Sammy, Jr.?

ANSWER: Davis [accept Ossie Davis or Sammy Davis Jr.]

<GK / Other>

20. In one formulation of this game, both players can receive the payoff of $(V - C) / 2$, where $C > V > 0$. This game is equivalent to the Volunteer's dilemma involving only two people. Bertrand Russell compared this game to the (*) brinkmanship of the Cold War era. This game has two pure strategy Nash Equilibria, swerve-straight and straight-swerve. Two animals contesting a resource and two drivers heading for a collision are visualizations of, for 10 points, what game that takes its usual name from a farmyard bird?

ANSWER: game of chicken [or hawk-dove game; accept snowdrift game]

<Thought>

Bonuses

1. In this episode, a statesman is told by his ancestor that “the earth is totally insignificant” and is urged to use an “eternal force” to achieve “the most splendid deeds.” For 10 points each:

[10] Name this episode that has been preserved to modern times because of a lengthy commentary by Macrobius. It includes an account of the music of the spheres.

ANSWER: The **Dream of Scipio** [or **Somnium Scipionis**; prompt on, but do not otherwise reveal, book six of Cicero’s *De re publica*]

[10] In its account of the celestial spheres, “The Dream of Scipio” resembles this other episode from a classical book in which a soldier dies, then witnesses the Spindle of Necessity and the reincarnation of a group of people.

ANSWER: The **Myth of Er** [prompt on, but do not otherwise reveal, *The Republic*]

[10] “The Myth of Er” concludes a Platonic dialogue with this name. “The Dream of Scipio” was originally part of a similarly titled political discourse by Cicero.

ANSWER: *The **Republic*** [or *De **re publica***]

<Thought>

2. This ruler twice expelled the Lombard king Aistulf [EYE-stulf] from Ravenna. For 10 points each:

[10] Give this ruler whose namesake donation of territories is considered to be the start of the Papal States.

ANSWER: **Pepin** the Short [or **Pepin III** or **Pippin III**]

[10] This French emperor names a “complex” which attributes compensatory behaviors to people of short stature. In contemporary times, that complex is often viewed as a negative stereotype.

ANSWER: **Napoleon** Bonaparte [or **Napoleon I**]

[10] The second-to-last royal ruler from this non-French dynasty was nicknamed either “the Short” or “the Elbow-High.” That ruler or this dynasty greatly benefitted from the power gap that resulted from the assassination of the last Premyslid ruler of Bohemia, Wenceslaus III.

ANSWER: **Piast** Dynasty [that ruler is Wladyslaw I]

<European History>

3. The genus *Musa* includes bananas and the “true” type of this fruit. For 10 points each:

[10] Give this fruit whose name is commonly applied to all bananas that are cooked, or intended to be eaten cooked, rather than being consumed raw.

ANSWER: **plantains**

[10] A ball of mashed green plantains is used to make mofongo [moh-FAANG-goh], a dish consumed on this island. Arroz con gandules, or rice with pigeon peas and pork, is the national dish of this island, where small whitebait fish are harvested in the municipality of Arecibo.

ANSWER: **Puerto Rico**

[10] Mofongo and other Caribbean dishes like the Dominican mangu are derived from this west African dish. This dish is made from smashed cassava, plantains, or yams and is flavored and served with broth to taste.

ANSWER: **fufu**

<My Choice>

4. This man reassembled two statues that he believed to be copies of the *Lemnian Athena* from pieces in Bologna and Dresden. For 10 points each:

[10] Name this German scholar and expert on ancient Greek vase painting who was among the first to use photography rather than drawings in the field of archaeology.

ANSWER: Adolf **Furtwangler**

[10] Furtwangler's son Wilhelm held this general occupation, in which role he stayed in Germany during Nazi rule while many musicians fled to other countries. Herbert von Karajan [CAR-ee-ahn] also held this occupation in Berlin.

ANSWER: **conductor** [accept **conductor** of the Berlin Philharmonic or **conductor** of the Berlin State Opera; accept **music director** or **artistic director**; prompt on director; prompt on music]

[10] Wilhelm Furtwangler earned the ire of the Nazis by performing this composer's opera *Mathis der Maler*, though the Nazis labeled his work as degenerate. This composer wrote the oratorio *When Lilacs Last in the Dooryard Bloom'd* after the death of Franklin Roosevelt.

ANSWER: Paul **Hindemith**

<Auditory / Other Arts>

5. For 10 points each, answer the following about Hungarian visual artists:

[10] In 2021, Christie's New York auctioned a painting of Denyse Prouteaux by this artist born to a Hungarian mother and an Indian father. This woman completed *Three Girls* and *Bride's Toilet* before her death at the age of twenty eight on the eve of World War Two.

ANSWER: Amrita **Sher-Gil**

[10] The Hungarian artist Brassai produced *Paris by Night* and many depictions of his artist friends in this medium. Andre Kertesz also worked extensively in this artistic medium.

ANSWER: **photography**

[10] The Hungarian artist behind the Surrealistic optical film manuscript *Once a Chicken, Always a Chicken*, Laszlo Moholy-Nagy [moh-HOY NOD-yuh], worked for a time as a professor at this institution. Walter Gropius founded this Weimar art school in 1919.

ANSWER: Staatliches **Bauhaus**

<Visual Arts>

6. Clay figurines called haniwa [huh-NEE-wuh] were placed on top of and around these locations. For 10 points each:

[10] Japan's Kofun Period is named after kofun, which were a type of these locations often in a circular, square, or keyhole shape.

ANSWER: **tombs** [accept equivalents such as **burial** sites; prompt on mounds]

[10] The Sue [soo-EH] style of craftsmanship that developed during the Kofun Period made use of this invention combined with coiling. This invention dates to sometime between 3,000 and 6,000 BC in Asia, though it was notably not present in the Pre-Columbian Americas.

ANSWER: **potter's wheel** [do not accept or prompt on wheel]

[10] With the Asuka Period, the Kofun Period forms part of this period of Japanese history when the imperial capital was at Nara. This period shares its name with Japan's primary ethnic group and with the Japanese battleship that was the country's flagship for most of World War Two.

ANSWER: **Yamato** Period

<World History>

7. This metrical foot is similar to a molossus, which contains three stressed syllables rather than this foot's two stressed syllables. For 10 points each:

[10] Name this unusual metrical foot that is most often seen in English in compound words and repeated exclamations.

ANSWER: **spondee** [or **spondaic** meter]

[10] Spondees are a regular feature of this type of rhythm, as in the phrases "swift, slow; sweet, sour" and "Praise him" from the poem "Pied Beauty."

ANSWER: **sprung** rhythm ["Pied Beauty" is by Gerard Manley Hopkins]

[10] Though Shakespeare usually used the iambic foot, examples of a spondee in his plays are the phrases "How, how, how, how" and "Fie, fie" spoken by the lord and lady of this family when discussing their daughter's refusal to marry Paris.

ANSWER: **Capulet**

<Anglo Lit>

8. For 10 points each, answer the following about paradoxes in special relativity:

[10] This paradox concerns two people, one of whom travels close to the speed of light on a return trip to the Earth and then appears to have aged less than their counterpart.

ANSWER: **twin** paradox

[10] In another thought experiment, one of these objects appears to fit inside and not to fit inside a barn when moving close to the speed of light. The paradox is resolved because the length contraction of one of these objects is dependent upon the observer.

ANSWER: **ladders** [accept **ladder** paradox; prompt on barn-pole paradox; prompt on car-garage paradox; prompt on, but do not otherwise reveal, train-tunnel paradox]

[10] The Tsao Paradox is about a runner and one of these objects, both of which are moving at near-light speeds in opposite directions. Albert Einstein described the paradoxical nature of simultaneity through the example of two bolts of lightning striking one of these objects.

ANSWER: **trains**

<Physics / Other Sci>

9. For 10 points each, answer the following about trials by ordeal:

[10] This substance names a "hot" ordeal in which people had to retrieve a stone from a boiling cauldron and a "cold" ordeal in which people were bound and then either floated or sank.

ANSWER: **water** [accept trial by **water**]

[10] Under this pope, clergy were forbidden from administering trials by ordeal. This pope called the Fourth Lateran Council, which affirmed the definition of transubstantiation.

ANSWER: **Innocent III** [or Lotario dei Conti di **Segni**; prompt on **Innocent**]

[10] Description acceptable. The tangena ordeal once widespread in Madagascar was this type of ordeal. The Efik people of Nigeria also used to employ this type of ordeal.

ANSWER: eating a **poisonous** seed or bean or fruit that was lethal some of the time and if the person died they were guilty [generously accept equivalents; accept trial by **poison**; the Efik people's ordeal involved eating the calabar bean]

<Any History>

10. This photographer's series partly titled '70s Kids portrayed school children of different racial and socioeconomic backgrounds in their homes. For 10 points each:

[10] Photographs from what artist's collection *Particular Passions* were shown in the *Women of Wisdom* exhibition, including shots of Julia Child and Ruth Bader Ginsberg?

ANSWER: Lynn **Gilbert**

[10] Gilbert's *Women of Wisdom* includes a photograph of Bella Abzug, a congresswoman who represented a district in this city, behind a desk holding a telephone receiver. Shirley Chisholm, the first African-American woman in Congress, also represented a district in this city.

ANSWER: **New York** City

[10] Gilbert's collection of photographs of homes in Turkey and Uzbekistan was published under this name. Xi'an and Merv lay along a historic Asian trade route of this name.

ANSWER: *The **Silk Road**: Then and Now*

<GK / Other>

11. This site consists of the first planned settlement in Europe, which developed around 6,500 BC. For 10 points each:

[10] Name this archaeological site near the artificial Derdap Lake, where fish-shaped stone idols were found near the remains of fireplaces.

ANSWER: **Lepenski Vir** [luh-PEN-ski VEER]

[10] Lepenski Vir is a settlement from this Mesolithic culture that flourished in central Europe during the Stone Age. It shares its name with a gorge shared between Serbia and Romania.

ANSWER: **Iron Gates** Culture

[10] Lepenski Vir was settled along the course of this river that contains the Iron Gates. This major river's delta region on the Black Sea is a conservation region for migratory birds.

ANSWER: **Danube** River

<Modern World / Geo>

12. *The Hound of the Baskervilles* is great, but answer the following about equally deadly animals in the Sherlock Holmes short stories, for 10 points each:

[10] In "The Adventure of the Speckled Band," Grimesby Roylott plans to murder his stepdaughter Helen by sending one of these animals into her room, but Holmes foils the plot.

ANSWER: **snakes** [accept **swamp adder**; accept more specific answers since it's not known what kind of actual snake is represented in the story]

[10] In the story "The Adventure of" this horse, Holmes deduces that this race horse kicked and killed the trainer John Straker when Straker tried to cut this horse's leg to fix an upcoming race. The "curious incident of the dog in the night-time" comes from the story named for this horse.

ANSWER: "The Adventure of **Silver Blaze**"

[10] In "The Adventure of the Lion's Mane," Holmes figures out that one of these animals, and not a romantic rival, killed a science teacher working at The Gables.

ANSWER: **jellyfish**

<Any Lit>

13. The namesake sign of this goddess consists of a circle on top of a triangle, and includes a notched horizontal line that makes the sign look like a stick figure. For 10 points each:

[10] The worship of Astarte gave way to the worship of what consort of Baal-Haamon who was the chief goddess of Carthage?

ANSWER: **Tanit** [or **Tinnit**]

[10] It is not sure whether this controversial practice was part of the worship of Tanit. Josephine Quinn argued that the Carthaginians engaged in this practice based on the contents of jars found at locations such as the Tophet necropolis.

ANSWER: **child sacrifice** [accept equivalents; prompt on sacrifice or human sacrifice; do not accept or prompt on animal sacrifice or child abandonment or burning people]

[10] This woman from Tyre was the legendary founder of Carthage as well as its first queen. In the *Aeneid*, this woman immolates herself after her abandonment by Aeneas.

ANSWER: **Dido**

<Belief>

14. 2010's *The Way of Kinship* was one of the first English-language anthologies of this region's literature. For 10 points each:

[10] Name this region that provides much of the setting of Eugenia Ginzburg's memoir *Journey into the Whirlwind*. Yuri Rytkheu is considered to be the foremost author of a group of people indigenous to this region.

ANSWER: **Siberia** [prompt on Russia; anti-prompt on the Chukchi Peninsula; Yuri Rytkheu was a Chukchi author]

[10] The four years that this author spent in a Siberian prison camp for distributing anti-Czarist literature led to his autobiographical novel *The House of the Dead*.

ANSWER: Fyodor **Dostoyevsky**

[10] This author lamented the overuse of corporal punishment in Siberian penal colonies and the irredeemable nature of exile in his travelogue *Sakhalin Island*. For a time, this author lived in the White Dacha in Yalta.

ANSWER: Anton **Chekhov**

<Any Lit>

15. In this type of scam, a brokerage buys shares of stock and then promotes the stock to investors, causing the price to spike. After the brokerage sells their stock for a profit, the price plummets and the investors lose their money. For 10 points each:

[10] Identify this type of scam with a rhyming name, which in modern times is often perpetrated by posting fake stock tips on Reddit.

ANSWER: **pump and dump**

[10] Pump and dump scams are an example of the "securities" type of this crime.

Embezzlement is another type of this crime, which involves lying to obtain unlawful gains.

ANSWER: **fraud** [accept securities **fraud** or investment **fraud**]

[10] Jordan Belfort founded this brokerage notorious for employing pump and dump scams on penny stocks. The book and movie *The Wolf of Wall Street* are about this company.

ANSWER: **Stratton Oakmont** [prompt on Stratton Securities]

<My Choice>

16. For 10 points each, answer the following about the sense of taste:

[10] A Japanese name loosely meaning “savory” designates this “fifth” basic taste. Certain cheeses and soy sauce contain the glutamate that causes this basic taste.

ANSWER: **umami** [oo-MAH-mee]

[10] Many tastes, such as sourness and saltiness, are sensed when ions cause one of these waves of polarization in cell membranes that are often seen in neurons.

ANSWER: **action potentials**

[10] Sweetness is usually instead sensed by these eukaryotic transmembrane proteins that are also involved in the detection of scents and pheromones. Robert J. Lefkowitz and Brian K. Kobilka won a Nobel Prize in chemistry for studying these proteins.

ANSWER: **G protein coupled receptors** [or **GPCRs**; prompt on seven-transmembrane domain receptors or 7TM receptors; prompt on heptahelical receptors; prompt on serpentine receptors]

<Bio / Chem>

17. 30-20-10, name the country from literary clues:

[30] A jazz pianist and a swimming teacher are among the many characters of a 2019 novel whose title is this country’s capital “Wakes to Rain.” An acclaimed late-20th Century author from this country wrote *The Judgment and Time*.

[20] It’s not Japan, but the title of Yukio Mishima’s novel *The Temple of Dawn* refers to a structure in this country. In *The Sea of Fertility*, two princes from this country study in Japan, and one of their daughters, Ying Chan, has three characteristic moles on her side.

[10] This country is the setting of Margaret Landon’s *Anna and the King of Siam*, which inspired the musical *The King and I*.

ANSWER: **Thailand** [the first two authors are Pitchaya Sudbanthad and Chart Korbjitti]

<Euro / World Lit>

18. Benjamin Constant was a lover and companion of this woman, who toured the intellectual circles of Europe after being expelled from France during Napoleon’s rule. For 10 points each:

[10] Name this salon hostess, political commentator, and writer. This daughter of Jacques Necker wrote *On Germany* as well as novels such as *Delphine* and *Corinne*.

ANSWER: Madame de **Stael** [or Anne-Louise Germaine de **Stael**-Holstein; prompt on Anne-Louise Germaine **Necker**]

[10] Lord Byron spent time at this chateau or castle owned by Necker and then by de Stael. This castle near Lake Geneva gives its name to a circle of intellectuals who met under Madame de Stael’s patronage in the early 1800s.

ANSWER: **Coppet** [caw-PAY] Castle [accept **Coppet** Group]

[10] During her exile, Madame de Stael fled this city weeks before it was burned by retreating Russian troops in the wake of the Battle of Borodino.

ANSWER: **Moscow**

<GK / Other>

19. This type of puzzle was called Number Place in the 1980s and 90s. For 10 points each:

[10] Name this type of puzzle popularized in the mid-2000s in which the solver must complete a nine by nine grid of numbers such that each row, column, and subsquare contains the numbers one through nine.

ANSWER: **Sudoku** [soo-DOH-ko]

[10] Variants such as KenKen or Killer Sudoku include sub-boxes with prescribed totals known by this name. In UFC, opponents fight in an octagonal ring known by this name.

ANSWER: **cage**

[10] Killer Sudoku combines Sudoku with elements of this type of puzzle. Often compared to crosswords, this puzzle's "clues" are numbers that represent horizontal or vertical sums.

ANSWER: **Kakuro** [kuh-KYUR-oh] [or **Kakoro**]

<Pop Culture>

20. For 10 points each, answer the following about airlifts in American history:

[10] To counter a Soviet blockade in 1948, the American and British air forces coordinated this massive airlift that transported over two million tons of coal and food.

ANSWER: **Berlin** Airlift [or **Berlin** Air Bridge]

[10] After the Japanese blocked the Burma Road in World War Two, William Tunner orchestrated "The Hump," an airlift to supply U.S. and allied forces in this country.

ANSWER: **China**

[10] This leader of the Army Air Corps and the Army Air Forces during World War Two pioneered airlift tactics and techniques in the 1930s. This colleague of Billy Mitchell also founded Project RAND, the predecessor of the RAND Corporation.

ANSWER: Hap **Arnold** [or Henry **Arnold**]

<American History>