

## **Bulldog High School Academic Tournament 2015 (XXIV): It's more than good...it's Grace!**

Written by Yale Student Academic Competitions (Isaac Kirk-Davidoff, Laurence Li, Grace Liu, Jacob Mitchell, Frederick Muth, Jacob Reed, Basil Smitham, Jacob Lawrence Wasserman, Nicholas Wawrykow, Mitchell Weldon, Haohang Xu)

Edited by Jacob Reed, with Grace Liu

### **Packet 11 Tossups**

1. **The dhyana mudra represents this action. This action is performed while dying in *phowa*. It often involves *Dharani*. The Three marks of existence are the center of the *vipassana* kind of it. Many people do *nianfo* while doing it, and say “Namu Amida Butsu.” This action was first done in the shadow of a Jampu tree. It is the central practice of the (\*) Pure Land school. The *zazen* form of it involves contemplating koans and this action often involves repeating mantras. For 10 points, name this way of cultivating mindfulness, reaching enlightenment, and relaxing in Buddhism.**

ANSWER: Buddhist meditation [accept verb forms; prompt on “practicing mindfulness” or equivalents] <IKD>

2. **One character with this first name is married to a provincial officer, von Diderits, but engages in an affair with Dmitri Gurov in a Chekhov short story. A woman with this name hosts the party at which Prince Kuragin's daughter meets Pierre Bezukhov; that St. Petersburg hostess speaks French in the opening scene of *War and Peace*. Another woman, who shares this name with “The Lady with the Little Dog,” convinces (\*) Dolly to stay with her brother, Stiva. A novel titled for that character observes that “all happy families are alike” before Vronsky's lover throws herself under a train. For 10 points, identify this first name of Karenin's wife in a Leo Tolstoy novel.**

ANSWER: Anna <GL>

3. **This man used his clout to elect Hattie Carraway as Senator for Arkansas. He founded an organization led by Gerald L. K. Smith. This man's successor as governor had a reputation for being a pushover, hence his nickname: “OK” Allen. An oil tax was used to fund many of this man's projects, including road improvements and (\*) free textbooks. He proposed a system that would give an annual family allowance, funded by a wealth tax that would cap earnings at a million dollars, with the motto “Every Man a King.” He was assassinated in 1935, before he could run for President. For 10 points, name this Louisiana politician who created “Share Our Wealth” and was nicknamed “Kingfish.”**

ANSWER: Huey [Pierce] Long, Jr. <IKD>

4. **When this man displayed his teleautomaton in Central Park, it was the first public display of a radio controlled device. One device developed by this man makes use of the resource between primary and secondary coils to increase the voltage of a current, which this man hoped to use to provide wireless (\*) electricity. Another device created by this man was used by George Westinghouse in the war of the currents; that device was the polyphase AC induction motor. He names an SI unit equal to one Weber per metered squared: magnetic flux density. For 10 points name this Serbian-American inventor who lends his name to an electric car brand.**

ANSWER: Nikola Tesla <NW>

5. **It's not New Year's, but as part of a “game” for this day, Gawain beheaded the Green Knight. On this day, *The Witch's Curse* is performed by Jo and her sisters; earlier on this day, the Marches donated their breakfasts to the Hummels. A little girl wishes for this day to recur in a William Dean Howells short story about “[it] (\*) Every Day.” A character spends this holiday with a crutched boy who declares, “God Bless Us, Everyone One!” On the evening prior, that character was visited by three Ghosts and Jacob Marley. For 10 points,**

identify this holiday which provokes “Bah, humbug!” comments from Ebenezer Scrooge in a Dickens novella about its namesake *Carol*.

ANSWER: Christmas Day [or December 25 or accept equivalents] <GL>

6. Seven of these animals take the form of beautiful maidens to trap Tang Sanzang in their cave. Those demons are in league with a hundred-eyed centipede monster in *Journey to the West*. One of these animals used a calabash gourd to simulate rain, allowing him to capture hornets, in addition to Python and Leopard; he traded those animals to Nyame for all the (\*) stories in the world. A Navajo goddess with this shape set up looms and taught weaving. Another woman acquired this animal form after she depicted the lewd revels of Olympian gods during a tapestry-making contest against Athena. For 10 points, name this animal form of Anansi and Arachne.

ANSWER: spiders <GL>

7. One character in this novel is sent to a chain gang in Alfred, Georgia after he tried to kill Brandywine. That man follows flowers northward to meet a woman who lost her milk during an attack by schoolteacher’s nephews. Years after she was ferried by Stamp Paid, another character in this novel experiences “re-memories” and lives at a “spiteful” edifice “full of a baby’s (\*) venom,” 124 Bluestone Road. In this novel, Paul D. helps Denver’s mother come to terms with the disappearance of a ghostly girl who shares her name with a tombstone inscription. For 10 points, identify this novel about Sethe and the baby she killed when faced with slavers, written by Toni Morrison.

ANSWER: Beloved <GL>

8. Webern’s Opus 28 is in this genre, and he wrote *Five Movements* and *Six Bagatelles* in it. A work in this genre includes a “Holy song of thanksgiving” written after recovering from an illness, while another includes the epigram “Must it be?—It must be! It must be!” Two earlier works in this genre use a “Thème Russe,” and are part of a set of three from Beethoven’s middle period. Beethoven’s very last works, including a (\*) *Grosse Fuge*, were in this genre. Beethoven wrote sixteen works in this genre, with nicknames like “Serioso,” “Harp,” and “Razumovsky.” For 10 points, name this chamber ensemble composed of two violins, a viola, and a cello.

ANSWER: string quartets [accept two violins, a viola, and a cello (in any order); prompt on just “quartet”] <JR>

9. Forces of a kingdom based in this region destroyed a dam in order to defeat the Sui dynasty at the battle of Salsu River. A king from this region created the Hall of Worthies. An admiral from this region used “turtle ships” to win battles like Noryang Point. This region was home to Silla, Baekje, and (\*) Goguryeo—the Three Kingdoms. Admiral Yi Sun-sin led forces in repelling the invasions of Toyotomi Hideyoshi during the rule of this region’s Sejong the Great-led Joseon dynasty. Sejong created a new alphabet for this region’s native language, Hangul. For 10 points, identify this peninsula once ruled entirely from Seoul.

ANSWER: Korea [or Daehanminguk; or Hanguk; accept Joseon before it’s mentioned] <MW>

10. This object titles a Hemingway short story about Mr. Frazer along with “the gambler” and “the nun.” It’s not a room, but an “enormous” ruins Irene’s marriage in a story by John Cheever. Mrs. Organ Morgan and Captain Cat appear in a play which won the 1954 Prix Italia for its use of this device; that play is Dylan Thomas’ (\*) *Under Milk Wood*. This device is also used to distribute Panamericana’s *novelas*, which are written by Pedro Comacho. Aunt Julia has a relationship with that scriptwriter for this medium. For 10 points, identify this medium which frightened audiences with an alien invasion when it broadcast Orson Welles’ dramatization of *The War of the Worlds*.

ANSWER: radio <GL>

11. This technique has been linked to nephrogenic systemic fibrosis in kidney patients. It was developed by Paul Lauterbur and Peter Mansfield. This technique often uses compounds with distinctive spin-lattice relaxation (T1) times, like gadolinium-based contrast agents. Using “BOLD,” blood oxygen levels—and therefore activity—in the brain can be measured, in the (\*) “functional” type of this technique. While undergoing it, patients have had lodged metal shrapnel come flying out of them. This technique, which requires a cryogen like liquid helium to create superconductors, is contrasted with PET and CT. For 10 points, name this medical imaging technique that uses strong magnetic fields.

ANSWER: MRI [or magnetic resonance imaging; or NMR; or nuclear magnetic resonance imaging; or MRT; or magnetic resonance tomography; accept any more specific kind of MRI, like fMRI or functional MRI] <JR>

12. An effect due to this type of thing is equal to the price derivative Hicksian demand. The marginal rate of that effect is the ratio of the derivatives of the utility function, which is equal to the slope of the indifference curve. For two goods that are perfect examples of *this*, the cross elasticity of demand is positive infinity, and, unlike (\*) complementary goods, two goods that are examples of this have a positive cross elasticity of *this*. For normal goods with rising prices, the income effect causes demand to increase, while an effect based on *this* causes demand to *decrease*. For 10 points, what is the name for a good that, in case of a price hike, can replace another?

ANSWER: substitutes [accept word forms like “substitution”] <NW>

13. SV Dynamo served as a center for mandatory doping of athletes in this country. An agency in this country attempted to “biodegrade” its opponents by covertly rearranging objects and tapping phones. The Practika camera and the Trabant automobile were made in this country. The SED was a party formed by the merger of the KPD and the SPD in this country and was led by Walter (\*) Ulbricht. Good relations with it were promoted by Willy Brandt. Its secret police was called the *Stasi*. In an attempt to stop brain drain from it, a giant wall was built in its capital, Berlin. For 10 points, name this country that was led by Ernst Hoenecker and reunited in 1990 with its western counterpart.

ANSWER: East Germany [or German Democratic Republic; or Deutsche Demokratische Republik; or GDR; or DDR] <IKD>

14. Desserts from this country include the caramel-custard-and-meringue “floating island,” which is also called “eggs in snow.” Savory dishes from this country are often based on a mixture of chopped celery, onions, and carrots. A chef from this country put raspberry sauce on vanilla ice cream and peaches and named it after soprano Nellie Melba. Many sauces from it are based on flour cooked in butter, a (\*) *roux* [“roo”]. A chef from this country codified its five “mother sauces,” including Béchamel and Hollandaise. Dishes from this country include thin filled pancakes which are set on fire, or flambéed, called Crêpe Suzette. For 10 points, name this European birthplace of Brie and croissants.

ANSWER: France <JR>

15. This quantity decreases when ionic solids dissolve in water, because the ions become hydrated, although this quantity normally increases when a substance dissolves. The steps of the Carnot cycle keep either temperature or this quantity constant. At constant temperature and pressure, it equals enthalpy minus Gibbs free energy, all over (\*) temperature. This quantity is zero only for a perfect crystal at zero kelvin, and it is generally equal to natural log of the number of microstates, times Boltzmann’s constant. It cannot decrease spontaneously, by the second law of thermodynamics. For 10 points, name this thermodynamic quantity denoted “S” that represents the amount of disorder in a system.

ANSWER: entropy [prompt on “S” until mentioned] <JR>

16. This medium was used for a series of abstract depictions of clouds, called *Equivalents*. This medium was used a creepy depiction of *Identical Twins* from *Roselle, New Jersey*. The right side of one work in this

**medium includes the bottom part of a ladder, while in its middle, a rope-covered deck symbolizes the separation of classes. This medium was used for a depiction of a *Child with Toy Hand* (\*) *Grenade in Central Park* by Diane Arbus. It was used for *The Steerage*, as well as depictions of a *Moonrise* in Hernandez, New Mexico, and *Moon and Half Dome*. For 10 points, name this medium used by Alfred Stieglitz and Ansel Adams.**

ANSWER: **photography** [accept any reasonable equivalents] <JR>

**17. A party representing these people has a 10% quota for LGBT individuals and is called the HDP. These people fight for the YPG in the Syrian Civil War and control the Ras-al-Ayn and Qamishli border crossings. Some of these people belonging to a religious sect were stranded on Mount Sinjar for 11 days and faced forced conversion from their Yazidi faith. These people fought a battle for Kirkuk and have a government centered on (\*) Erbil. These people fight in a militia called the *Peshmerga* and received arms from the United States to help with their fight against ISIS. For 10 points, name these people, who are campaigning for an independent homeland in Northern Iraq, Syria, Turkey and Iran.**

ANSWER: **Kurds** <IKD>

**18. A 2005 Salzburg production of this opera made Anna Netrebko a superstar by putting her in a “little red dress” while her red couch surfed above a crowd of tuxedoed men. A character in this opera states that the roses in her cheeks have paled in “Addio, del passato;” that woman traditionally sings an unwritten E flat at the end of “Sempre (\*) libera.” Upon learning that there is a pure and beautiful “angel” whose engagement is endangered by the indiscretions of Germont’s son, the title character of this opera decides to return to the Baron, abandoning Alfredo. For 10 points, identify this opera about the tuberculosis-stricken courtesan, Violetta Valery, by Giuseppe Verdi.**

ANSWER: *La **Traviata*** [or *The **Fallen Woman***] <GL>

**19. This action can be performed in a different coordinate system by using the Jacobian determinant. This operation over a region or its boundary are related by Stokes’ theorem. Near vertical asymptotes, limits have to be used for the “improper” versions of them. You can do this to all rational functions by decomposing them into (\*) partial fractions. It is usually defined as the limit of Riemann sums, which approximate the area under a curve. For 10 points, name this operation that, by the fundamental theorem of calculus, yields the antiderivative.**

ANSWER: **integration** [accept word forms and equivalents, like any answer that describes taking an **integral**] <JR>

**20. This ruler established the first professional army in Europe, the *tercio*. During the War of the League of Cognac, this ruler’s armies forced Clement VII to flee by sacking Rome. His forces smashed the forces of Francis I in the Battle of Pavia during the Italian Wars. His grandfather was (\*) Maximilian I. He pushed for the reforming Council of Trent, and granted some religious tolerance in the Peace of Augsburg. This father of Philip II was the first Hapsburg ruler of Spain. He called the Diet of Worms. For 10 points, name this Holy Roman Emperor who dealt with the Reformation during his 1519 to 1565 reign.**

ANSWER: **Charles V**, Holy Roman Emperor [or **Charles I** of Spain; or ] <JR>

*Tiebreaker*

**21. This compound is often transported by another compound, which contains apoprotein B100. In its synthesis, HMG-CoA is reduced to mevalonate, and this compound is formed from squalene. This compound builds up in foam cells. It is a precursor to bile. Compounds derived from it include Vitamin D, cortisol, (\*) estrogen, and testosterone. This molecule keeps the cell membrane fluid. Levels of it are lowered by statins. Its buildup on the walls of arteries can cause atherosclerosis, which leads to heart attacks. For 10 points, name this lipid that is the precursor to steroid hormones and is transported by HDL and LDL.**

ANSWER: **cholesterol** <JR>

## Packet 11 Bonuses

1. This artist depicted his own paintings being put in boxes in *Gersaint's Sign-Shop*. For 10 points each:

[10] Name this French painter of *Gilles* and *fêtes galantes* like *The Embarkation for Cythera*.

ANSWER: [Jean-]Antoine **Watteau** ["vah-TOH"]

[10] Watteau might have been the first painter in this style, that succeeded the similarly-named Baroque. Other painters in this somewhat "frivolous" era included François Boucher and Jean-Honoré Fragonard, who painted *The Swing*.

ANSWER: **Rococo**

[10] Watteau's *Gilles* depicts Pierrot, who was one of the stock characters in this Italian improvised theater. This kind of theater featured characters like Pulcinella, or "Punch," Harlequin, and Pantalone.

ANSWER: **commedia dell'arte** [prompt on just "commedia"] <JR>

2. Einstein called this concept his "biggest blunder." For 10 points each:

[10] Identify this value, which Einstein added to his field equations in order to be consistent with the static universe model.

ANSWER: the **cosmological constant** [accept **lambda**]

[10] In the concordance model, the cosmological constant is greater than zero and curvature is equal to zero. What is the predicted fate of the universe given these parameters? A description is fine.

ANSWER: **unbounded expansion** [accept answers involving **expanding continuously**, **accelerating expansion**, etc.; prompt generously on any answers involving "expansion"—it needs to clearly be expansion that just keeps on going]

[10] The cosmological constant can represent the effect of this mysterious form of energy, which makes up roughly 70% of the universe's mass-energy. This stuff gets its name from the fact that it really interact with light.

ANSWER: **dark** energy <HX>

3. One woman with this rank, Margaret Cavendish, wrote a utopian science fiction prose work in 1666 entitled *The Blazing World*, featuring fish men and bird men in a kingdom accessible through the North Pole. For 10 points each:

[10] Identify this noble title also held by a woman whose heart was "too soon made glad," to the distaste of her husband, who gave her his "gift of a nine-hundred-years-old name."

ANSWER: **duchess** [or "My Last **Duchess**;" or **Duchess** of Ferrara; or **Duchess** of Newcastle]

[10] This Victorian poet of creepy dramatic monologues like "Porphyria's Lover" presented Fra Pandolf's portrait of the speaker's former wife in "My Last Duchess." He was married to poet Elizabeth Barrett.

ANSWER: Robert **Browning**

[10] This other English poet referenced and honored Blanche of Lancaster, the deceased wife of John of Gaunt, in his *The Book of the Duchess*.

ANSWER: Geoffrey **Chaucer** <GL>

4. The Weimar Republic decided to deal with this punishment by printing more money, leading to massive inflation. For 10 points each:

[10] Name this punishment imposed on the Central Powers after World War I. The Dawes plan was concocted to help make them happen. A description is fine.

ANSWER: **reparations** [accept any description of **paying** the Allies after World War I]

[10] When—surprise!—the Weimar Republic wasn't able to pay its massive reparations, France retaliated by occupying this river valley. France might also have just been after this region's rich coal and steel production.

ANSWER: **Ruhr** valley

[10] After the Ruhr debacle, this much more conciliatory French prime minister came back into power. This man loved peace so much that he and Frank Kellogg promoted a namesake pact to end war.

ANSWER: Aristide **Briand** [accept **Kellogg-Briand** pact] <JR>

5. These ceremonies typically involve food offerings—which are then eaten as *prasad*. For 10 points each:

[10] Name these Hindu rituals, usually involving a specific god.

ANSWER: **pujas**

[10] The Durga Puja is a massive six-day festival, involving brightly colored sculptures. Durga is probably most famous for having eight of these body parts, each with a weapon.

ANSWER: **arms** [accept **hands**]

[10] Shiva appears with four arms as the archer or *tripura*. Shiva is also depicted as *nataraja*, performing a cosmic activity of this kind.

ANSWER: **dance** [accept any word form] <JR>

6. At the time of its 1915 release, this film was the longest ever made, and it includes a color scene at the end. For 10 points each:

[10] Name this favorite film of Woodrow Wilson, an unfortunately incredibly racist movie by D.W. Griffith.

ANSWER: *The **Birth of a Nation***

[10] After releasing *The Birth of a Nation*, Griffith responded to accusations of being a racist by creating this film about the importance of loving your fellow human beings.

ANSWER: **Intolerance** [accept answers with various subtitles, e.g. **Intolerance: A Sun Play of the Ages**]

[10] A more recent film featuring the KKK is the Coen Brothers' *O Brother, Where Art Thou?*, which stars this actor. You probably know him better as the ringleader in *Ocean's Eleven* or the star of *Gravity*.

ANSWER: George [Timothy] **Clooney** <JR>

7. Examples of these proteins include *Eco*-R-1, *Hin*-D-3 and *Bgl*III ["Bagel 2"]. For 10 points each:

[10] Name these enzymes that cleave DNA at specific sites. These endonucleases are usually derived from prokaryotes.

ANSWER: **restriction** enzymes

[10] Restriction enzymes are often used to "digest" DNA to prepare it for this process. This technique is used amplify a DNA sequence by creating a bunch of copies of it.

ANSWER: **PCR** [or **P**olymerase **C**hain **R**eaction]

[10] Many restriction enzymes will only cut single-stranded nucleic acids. DNA normally forms this structure, which was more or less discovered by Watson and Crick.

ANSWER: **double helix** [accept equivalents like **double helical**] <JR>

8. Answer some questions about the perils of the sea, for 10 points each.

[10] This one-eyed giant and son of Poseidon trapped a passel of Ithacans in his cave but was blinded by the clever "Nobody," who then led the crew back to their ship.

ANSWER: **Polyphemus**

[10] This crafty son of Laertes landed on the island of Polyphemus and escaped. His hubris in revealing his true name to the Cyclops upon his departure brought on the enmity of Poseidon for the rest of his ten-year voyage.

ANSWER: **Odysseus** [or **Ulysses**]

[10] This six-headed monster was once a beautiful nymph who was loved by the sea god, Glaucón, but she was transformed after bathing in a poisoned pool. Now she picks off the crews of passing ships six at a time.

ANSWER: **Scylla** <FM>

9. This man had a spat with Rutherford B. Hayes over patronage at a Customs House. For 10 points each:

[10] Name this leader of the Stalwarts, who opposed the Half-Breed's calls for Civil Service reform. He was the mentor of Chester Arthur.

ANSWER: Roscoe Conkling

[10] Conkling was a Senator from this state, which was also home to Boss Tweed's Tammany Hall political machine.

ANSWER: State of New York

[10] The Stalwarts and Half-breeds were factions of this political party that dominated the Gilded Age. Other presidents from this party include Abraham Lincoln.

ANSWER: Republican Party [accept Grand Old Party or GOP] <LL>

10. Cracking can be used to break large types of these compounds into smaller more useable ones. For 10 points each:

[10] Name these simplest hydrocarbons in which the carbons are single bonded to each other, with general formula  $C_n H_{2n+2}$ .

ANSWER: alkanes [or paraffins]

[10] When an alkane with an odd number,  $n$ , of carbons combusts with excess oxygen, *this* is the number of water molecules that are formed.

ANSWER:  $n$  plus 1 [ $C_n H_{2n+2} + \frac{1}{2}(3n+1)O_2 = nCO_2 + (n+1)H_2O$ ]

[10] Some alkanes are very volatile and undergo *this* process of uncontrolled explosive combustion. The octane number rates a gasoline's propensity to do this, and gasoline used to be leaded to reduce this phenomenon.

ANSWER: knocking [accept word forms like "knock"; accept antiknocking agents] <NW>

11. Popular entertainment has some interesting ideas about technology. For 10 points each:

[10] Anna Belknap plays detective Lindsay Monroe, who offers to make "GUI interface using visual basic to track the killer's IP address" in this show set in New York, which has counterparts set in Los Angeles and Miami.

ANSWER: CSI: NY [or Crime Scene Investigation: New York]

[10] In one episode of this show about brothers Don and Charlie Epps, IRC is explained as drug dealing boats in the ocean. Apparently, hackers in this show only chat in "leet speak."

ANSWER: Numb3rs

[10] This show that premiered in September 2014 follows Walter O'Brien and his team of geniuses. Its pilot episode featured the copilot of a low-flying plane passing an ethernet cord to a car in order to transfer data.

ANSWER: Scorpion <HX>

12. Haydn's thirty-ninth one of these works is often nicknamed "Gypsy" for its "Rondo a l'Onghrese." For 10 points each:

[10] Name this genre of Beethoven's first published set of works. His other works in this genre have nicknames like "Ghost" and "Archduke."

ANSWER: piano trio [accept violin, cello, and pianoforte (in any order); prompt on just "trio"]

[10] This other "Classical"-era composer and child prodigy wrote six innovative piano trios before dying at the age of thirty-five. His forty-first and last symphony has been nicknamed "Jupiter."

ANSWER: Wolfgang Amadeus Mozart [or Johannes Chrysostomus Wolfgangus Theophilus Mozart, but if anyone decides to say all of that, make sure they get it right!]

[10] Beethoven's late works, including the "Archduke" trio, start to include more indications for *this* pianistic effect, which became a given for later composers like Chopin. This effect lifts all the dampers, causing the sound to sustain.

ANSWER: sustain pedal [or damper pedal; accept descriptions like "the right pedal"; do NOT accept "sostenuto pedal"—that's the middle one, this is the rightmost one] <JR>

13. Answer some questions about French literature in the 17<sup>th</sup> century, for 10 points each:

[10] Corneille's tragedy *Le Cid* sparked a massive quarrel, since it violated three "Classical" unities supposedly derived from this work by Aristotle. This is the first Western treatise solely about literature.

ANSWER: Poetics [or *De Poetica*; or *Peri Poetikes*]

[10] The 17<sup>th</sup>-century French author Jean de la Fontaine is most famous for his hundreds of works in this genre. Other famous works in this genre were supposedly written by a slave named Aesop.

ANSWER: fables [or fabulae]

[10] Madame de Sévigné wrote over a thousand of these works. Novels that claim to be constructed from these works include *Frankenstein*, *Pamela*, and *The Sorrows of Young Werther*.

ANSWER: letters [accept epistles; accept epistolary novels; accept answers like correspondence] <JR>

14. [Note to moderator: please read the gray-highlighted text SLOWLY]

Components in this kind of circuit have the same voltage difference across them. For 10 points each:

[10] Name these circuits that are contrasted with series circuits.

ANSWER: parallel circuit

[10] You have 10 seconds to answer this question. If you hook up three nine-ohm resistors in parallel, what is the equivalent resistance?

ANSWER: 3 ohms [ $1/(3 \text{ ohms}) \times 3 = 1/3$ ;  $1/1/3 = 3 \text{ ohms}$ ]

[10] In parallel circuits, the total current is just the sum of the currents in each component. That's this man's "junction rule." He also has a "loop rule" about voltage.

ANSWER: Gustav [Robert] Kirchhoff [accept answers like "Kirchhoff's circuit laws"] <JR>

15. One of his poems begins "The memory of you emerges from the night around me." For 10 points each:

[10] Name this Spanish-language poet, who noted that he could write emotional lines like "The night is starry and the stars are blue and shiver in the distance."

ANSWER: Pablo Neruda [or Neftali Ricardo Reyes Basoalto]

[10] Those Neruda poems are from an early collection of twenty poems about this emotion, and a song of despair. He also wrote a collection of a hundred sonnets about this feeling, like "I crave your mouth, your voice, your hair."

ANSWER: love [or amor]

[10] At the end of the fifteenth love poem, "Every day you play with the light of the universe," Neruda's speaker says "I want to do with you what spring does with" *this* kind of tree.

ANSWER: cherry trees [or cerezos; accept cerezas] <JR>

16. After being removed from office in 1975 for electoral fraud by the High Court of Allahabad, she had her president declare a state of emergency and proceeded to rule by decree for two years. For 10 points each:

[10] Name this Indian prime minister. She was assassinated in 1984 by two of her bodyguards in the wake of Operation Blue Star, which had damaged the Sikh Golden Temple in Amritsar.

ANSWER: Indira Priyadarshini Gandhi [prompt on "Gandhi"]

[10] During Gandhi's first stay in office, India went to war with Pakistan in 1971, helping to secure the liberation of this country, formerly referred to as East Pakistan.

ANSWER: People's Republic of Bangladesh [or Gônôprôjatôntri Bangladesh]

[10] Two months after Gandhi's assassination, a Union Carbide India Limited pesticide plant in this Indian city leaked methyl isocyanate, causing 3,787 deaths and many more debilitating injuries.

ANSWER: Bhopal <MW>

17. After his first play became a hit, this playwright wrote "The Catastrophe of Success." For 10 points each:

[10] Name this American playwright who wrote *A Streetcar Named Desire*.

ANSWER: Tennessee Williams [or Thomas Lanier Williams III]

[10] This other Tennessee Williams play features Big Daddy, who is "dying of cancer," and Brick, who is upset by the loss of his friend Skipper.

ANSWER: Cat on a Hot Tin Roof



[10] In this Tennessee Williams play, Reverend Shannon bonds with the spinster Hannah Jelkes.

ANSWER: The *Night of the Iguana* <LL>

18. This author's writings are usually placed near the spine of compilations, since that part burns last. For 10 points each:

[10] Name this medieval French rabbi, who wrote probably the most famous Jewish commentary on the Bible.

ANSWER: Rashi [or Schlomo Yitzchaki; or Solomon Isaacides]

[10] Rashi wrote the first commentary on *all* of this huge-normous text, which contains *gemara*, which is itself a commentary on *mishnah*, which is itself a commentary on the Torah. This book is the basic source of Jewish law.

ANSWER: the Talmud

[10] A lot of the other famous medieval Jewish authors came from this modern-day country. Maimonides and Ibn Ezra were from parts of it that were then controlled by Islamic states like Cordoba in modern-day Andalusia.

ANSWER: Spain [or España] <JM/JR>

19. These people became filthy rich by selling purple dye made from the shells of Murex snails. For 10 points each:

[10] Name this ancient merchant civilization. They were so good at trade that their alphabet is the basis for most of the alphabets still in use.

ANSWER: Phoenicians [or Phoenicia]

[10] The Phoenician capital was this city in modern-day Lebanon. Alexander the Great besieged this city by building a bridge to it.

ANSWER: Tyre [or anything that sounds like "Sir"]

[10] The Phoenician base of operations was this big sea between Africa and Europe.

ANSWER: Mediterranean Sea <JR>

20. Recent elections in this country saw the LDP/Komeito coalition retain its majority in the Diet. For 10 points each:

[10] Name this country whose main opposition party recently elected Katsuya Okada to replace Banri Kaieda. As you've probably guessed, it's governed from Tokyo.

ANSWER: Japan [or Nippon; or Nihon]

[10] The LDP is led by this current Prime Minister of Japan. He is a military hawk and enacted a namesake economic program of quantitative easing and fiscal stimulus.

ANSWER: Shinzo Abe [or Abe Shinzo]

[10] Abe has said the "4<sup>th</sup> arrow" of Abenomics is this, the encouragement of women to participate in the workforce.

ANSWER: Womenomics <IKD>

*Tiebreaker*

21. This book states, "Despite everything, I believe that people are really good at heart." For 10 points each:

[10] Name this volume, retrieved by Miep Gies, which describes a girl's two-year stay in a "secret annex" of an office building after the Nazi invasion of the Netherlands. Its author died at the Bergen-Belsen concentration camp.

ANSWER: the Diary of Anne Frank [or Diary of a Young Girl; accept equivalents]

[10] Though the original diary used names like "Jackie" and "Marianne," the published version of Anne's diary addressed all the entries to this imaginary friend.

ANSWER: Kitty

[10] Anne falls in love with Peter, a member of *this* family. He shares her first kiss in the published version of the diary, though his actual family name was van Pels, not this.

ANSWER: van Daan <GL>