Triacontakaipentagon 2.5

Packet by St. Luke’s Pennysavings Bank [Patrick Canteros, Will Overman, Connor Wood, Kevin Yuan, Vasa Clarke]

**1. The title song of this group’s debut album references “Lips that lie, caught in your trap / Sold me out and you just laugh” and opens with the line “When you walk, you don't leave tracks / When you talk, they don't talk back.” This group’s lead singer is said to be ► “Like Katrina making waves” in another song, and is asked “Are you ready for it?” after she makes that song’s title request. This group also released a song which addresses an unknown person whose (\*)** “way of moving me” and how they choose to express themselves are both described by that song’s title adjective. For 10 points, name this pop-rock band, whose album *Kiss & Tell* contained songs including “Tell Me Something I Don’t Know” and “Naturally.”

ANSWER: **Selena Gomez & the Scene** <A question on anything from trash music as quizbowl defines it>

**2. This character describes himself as “mostly like that one company prez who just wants to make folks smile” before admitting that he is “wearin’ a T-shirt for undies under here.” In one game, this character or his older brother may be found visiting The Roost between the hours of 12:00 PM and 1:30 PM following the construction of the ► Surveillance Center. This character notes that “games got rules, and rules got consequences” in one appearance, after which he threatens, “Next time you see me, I'm gonna be wearing my angry hat.” This comical Nintendo employee, who on one occasion mentions his cousin (\*)** Vicious Vole Vinnie, is the younger brother of Don, and he compares a certain player action to “pressing an emergency call button,” which causes this character distress. For 10 points, name this really angry mole who lectures the player on the importance of saving properly in the *Animal Crossing* series.

ANSWER: **Resetti** [or **Mr. Resetti**; or **Sonny Resetti**; or **Risetto-san**] <A question related to animals>

**3. Gabriel Curtis designed one monument honoring this community, which consists of several large stone sculptures representing a traditional village and is located on Mount Herzl. One ruler from this group of people led an army to sack the fortress of ► Debre Damo, and was named Judith. After serving in Baghdad and Istanbul, the missionary Henry Aaron Stern was sent to minister to these people. The Ministry of Absorption and Rabbi Shlomo Goren both decreed that the (\*)** Law of Return did not apply to these peoples because they were not actually descended from the Tribe of Dan, although they were nonetheless allowed to emigrate during Operation Moses and Operation Solomon. For 10 points, name this Jewish community that lived in a nation that was once ruled by Mengistu.

ANSWER: **Ethiopian Jews** [or **Beta Israel**; or ye-Ityoppya **Ayhudi**; or **Esra'elawi**; or **Falasha**] <A question related to Jews or Judaism>

**4. A song directed “To a Little” [one of these objects] implores that object to “not fall silent suddenly” and appears on an album whose title is 865 characters long. Another of these objects is treasured by the “village idiot,” whose ► “face is all aglow” from using one of them in a song that notes that “the Sheriff’s got his problems too.” One of these objects was addressed in a song that claims that this thing “gave them all those old time stars (\*) /** Through wars of worlds—invaded by Mars,” and this object was reassured that “you’ve yet to have your finest hour” and that “someone still loves you.” For 10 points, name this telecommunications medium, online versions of which include 8tracks and Pandora.

ANSWER: **radio** [accept “Mohammed’s **Radio**”, “**Radio** GaGa”, etc.] <A question on rock music>

**5. The Winkler test is used to find the concentration of this molecule in a solution when it gets blown up by Corporal Drazin. This molecule, whose memory was wiped by Raymus Antilles, was produced along with a compound that occurs naturally as sylvite during the decomposition of ► potassium chlorate. This molecule, whose program forbids it from impersonating deities, is the only diatomic gas to carry a magnetic moment. In addition to being (\*)** fluent in over six million forms of communication, this molecule makes up twenty-one percent of the Earth’s atmosphere. For 10 points, name this molecule that is necessary for cellular respiration and that was built out of spare parts by a young Anakin Skywalker.

ANSWER: **C-3PO2** <A mashup question in which the answerline is an academic topic combined with the proper name of something from the Star Wars universe>

**6. A relatively recent video featuring this figure is subtitled “[this figure] meets the Midwest redhead.” This man starred in another video that was shot as an advertisement for MTV Iggy, and which featured the song ► “Ek Shaneesh” by Das Racist as its background music. The original video featuring this man was uploaded to YouTube by a man named Daniel, who revealed in a later video that two of the other men in that video were named Ivan and Christian. Philistines on YouTube who don’t understand (\*)** ASMR often complain about the beeping of automobile horns in this man’s videos, and the second documented expedition to visit this man was undertaken by SpaNomad. For 10 points, name this resident of Pushkar, India, who reminded us all to breathe, go back, and relax in the video “World’s Greatest Head Massage.”

ANSWER: **Baba** the Cosmic Barber <A question pertaining to India or Indian culture in some way>

**7. This work’s protagonist is ordered by his girlfriend not to talk “as if we’re like those horrid dogs and cats and things,” and remembers his first date with a Rocketeer of the Hunter class. Society in this work has been drastically shaped by morality laws promoted by ► Senator Knudson, which results in this story’s main characters being forced to meet in secret. After Mina and Jesse are arrested by the Vice Squad, a fat man who’d earlier introduced himself as (\*)** E. J. Two Hobart tells Jesse that the Cure would “make a new man of you.” For 10 points, name this short story by Charles Beaumont that caused a stir when it was published in *Playboy* magazine for depicting a society where heterosexuality is outlawed.

ANSWER: “**The Crooked Man**” <A very difficult question of Gaddis-like level>

**8. This poem was set to music by John Duke, who omitted a stanza that claims that “God slays Himself with every leaf that flies.” The speaker of this poem, who states that they came “[o]ut of a grave” to deliver this poem’s message, also notes that ► “[t]he dark will end the dark, if anything” and that “hell is more than half of paradise.” This poem twice mentions that (\*)** “there is not a dawn in eastern skies,” and this poem’s title character is told of leaves that “whisper there of her” after being instructed to go “where the vines cling crimson on the wall.” For 10 points, name this poem by Edwin Arlington Robinson, whose title character is told to “[g]o to the western gate.”

ANSWER: “**Luke Havergal**” <A question pertaining to a novella, short story, or poem>

**9. After rescuing a container of communion hosts from a church, one character created by this author, Jennie Anges, dies. This author called for “the right of children to play, to be happy, and to dream...that we may have an equality of opportunity for developing all that are in us of mind and heart” in a work whose main protagonists are all daughters of Emperor Robert of ► Abbieannia. The protagonists of that work by this author are opposed by John Manley and are assisted by the Blengigomeneans, and characters in that work by this author are inspired by the martyr (\*)** Annie Aronburg, whom this author created after losing a photograph of Elsie Paroubek. For 10 points, name this author of *The Story of the Vivian Girls, in What is Known as the Realms of the Unreal, of the Glandeco-Angelinian War Storm Caused by the Child Slave Rebellion*.

ANSWER: Henry Joseph **Darger**, Jr. <A question on post-World War II science fiction, children's, or pulp literature>

**10. Vladimir Nabokov compared Norman Rockwell to Salvador Dalí by suggesting that Dalí was Rockwell’s twin who had suffered this fate. In the Criminal Minds episode “Bloodline,” this action occurs to Lynn Robillard and Kathy Gray. “King” Elijah George was questioned after it was thought that this fate had befallen ► Elsie Paroubek, although that theory was discarded upon the discovery of her body. In addition to those twentieth-century events, this action was said to have occurred to (\*)** Adam Smith in 1726, and in 2013 two blond-haired children in Ireland were found to not have been victims of this act. For 10 points, identify this phenomenon that stereotypically affects children, accusations of which are often cited as evidence of antiziganism.

ANSWER: being **kidnapped** by **Gypsies** [prompt on partial answer; accept **kidnapped** by **Romani** or equivalents because “gypsy” is a racial slur] <A question pertaining to “the 20th century”>

**11. One building in this city that was once used as a grain warehouse by Townsend & Martin later fell into disrepair after being occupied by the Hyland Plumbing Supply Company. That building from this city, the Gaylord Building, is now listed as a historic site by the National Trust for Historic Preservation. This city, in addition to being the home of the ► Will County Historical Society, hosts the Blackhawk Chapter of the National Railroad Historical Society in this city’s Gladys Fox Museum. On the Heritage Corridor, this town has a Metra railway station located between Lemont and Joliet Union Station. For 10 points, name this former headquarters of the Illinois and Michigan (\*)** Canal, from whose operations this town got its name.

ANSWER: **Lockport**, Illinois <A decent-ish but goddamn hard question on Illinois geography>

**12. John Pratt and James Bistor challenged this leader by founding the Association of Real Estate Taxpayers, which prevented this leader’s administration from collecting real estate taxes. An attack on ► this politician led to the wounding of Kirk Jing, the wife of the president of a local power company, although this man was the only fatality in that attack. This man’s ethnic origins were mocked by (\*)** “Big Bill” Thompson, who derisively asked the public “can you picture a World’s Fair mayor with a name like that?” While being driven to the hospital by Franklin Delano Roosevelt, this man was alleged to have said, “I’m glad it was me instead of you. ” For 10 points, name this Chicago mayor of Bohemian descent who was fatally wounded by Giuseppe Zangara.

ANSWER: Anton “Tony” Joseph **Cermak** [given this question’s category, “Kirk **Jing**” is also an acceptable answer] <A history question involving a famous serial killer or incident of murder, in which all factual details are otherwise accurate but all names of victims are replaced with the name “Kirk Jing”>

**\*\*\*\*\*SPECIAL GAME MECHANIC: If either team has answered all four of the last questions correctly (tossups 9-12), they are to be awarded 100 “Illinois points” for their deep knowledge of the great state of Illinois. Unfortunately, Illinois points do not count as in-game quizbowl points.\*\*\*\*\***

**13. Description acceptable. In May 2014, a highway road sign in San Francisco was hacked to warn of one of these events. One of these events caused one of its participants to be buried in a massive avalanche and was defended against by the battleship ► *Gotengo*. Another of these events resulted in the destruction of Atami Castle and was defended against by a certain native of Faro Island who has a weakness to red berry juice. A series of high-voltage (\*)** electric towers failed to stop the first of these events, whose perpetrator caused damage with his atomic breath, although eventually Dr. Serizawa used the Oxygen Destroyer to kill that event’s perpetrator. For 10 points, name these disasters, the most recent of which was depicted in a 2014 film featuring a giant Japanese monster.

ANSWER: **Godzilla attacks** [be generous and accept most answers that involve a hostile **Godzilla**] <A question on any event, historical or fictional, that somehow involved at least one citizen of Japan being injured in some way>

**14. In 2012, while apologizing for a comment that he made about how “we've got to do something about these Asians,” this figure accidentally referred to Poles as “Polacks.” In a 2008 speech before the Gertrude Stein ► Democratic Club, this politician stated that “if a bill [recognizing out-of-state same-sex marriages] were to come up, I would vote for it,” although this leader voted against a bill that would have done just that in 2009 due to concerns that the inhabitants of Ward 8 would start a “civil war.” When questioned about (\*)** Rob Ford, this person claimed that “[u]nless he was entrapped by the government, it’s not similar” to this man’s own experiences. For 10 points, name this mayor-for-life of the District of Columbia, who did time in federal prison for getting caught on camera smoking crack cocaine.

ANSWER: Marion Shepilov **Barry**, Jr. <Your choice>

**15. Bel decomposition is a way of breaking up this mathematical entity into electrogravitic, magnetogravitic, and topogravitic parts. One way of defining it involves the partial derivative of one connection coefficient minus the partial derivative of another connection coefficient plus the product of two other connection coefficients minus the product of two different connection coefficients. It is split into a ► scalar part, a semitraceless part, and a fully traceless part by Ricci decomposition. This mathematical entity is skew symmetric and appears thrice in the Bianchi Identities. The (\*)** Ricci tensor is derived from contracting this tensor on its first and third indices, and this tensor has only twenty independent components despite being a rank 4 tensor. For 10 points, name this tensor that tells you how curvy your space is, named after a German dude who also has a cool zeta function.  
ANSWER: **Riemann Curvature** Tensor [prompt on partial answer] <A math question>

**16. One artist from this dynasty painted the poet Li Bai in his *Drunken Celestial* and painted a wise man in a purple robe standing on a rock in his *Shakyamuni Emerging from the Mountains*. That artist from this dynasty, ► Liang Kai, also painted an old man harvesting the title plant in *The Sixth Patriarch Cutting Bamboo*. Another painting from this dynasty depicts a lot of people on a bridge watching as an out-of-control boat approaches with its mast up, threatening to crash into the bridge. That painting from this dynasty, (\*)** *Along the River During the Qingming Festival*, was painted by Zhang Zeduan. For 10 points, name this Chinese dynasty, which was forced out of Northern China by the Jin Dynasty and eventually conquered by the Mongols.

ANSWER: **Song** Dynasty [or **Sòng** Cháo] <A question on painting from the years 500 to 1250 CE>

**17. Before being conquered, these people occupied the fortress of Mons Pappua and were besieged by Pharas the Herulian. The last king of these people deposed his cousin ► Hilderic in order to take the throne, and John the Armenian was slain while fighting these people. The Roman magister militum Stilicho was partially descended from these people, who were divided into (\*)** Hasdingi and Silingi branches, and the deaths of Ammatas and Gibamund led to these people losing the Battle of Ad Decimum. At their height of power under King Gaiseric, these people successfully sacked Rome in 455 CE. For 10 points, name this Germanic tribe, whose conquest by Belisarius resulted in the return of Roman rule to North Africa.

ANSWER: **Vandals** <A question involving the history of barbarians>

**18. In one depiction, refugees from this location attack Sikyos and are tricked into worshipping Oranos and Kronos by the theocrat Krios, while earlier this location was defended from the pirate Kamos and the cyclops Gargarensis by the admiral ► Arkantos. Another depiction of this location sees it visited by the *Ulysses* in an expedition funded by the eccentric millionaire Preston B. Whitmore. That expedition to this location, led by Commander Rourke and guided by (\*)** Milo Thatch, follow clues hidden in *The Shepherd’s Journal*. The dialogue *Critias* recounts the history of this mythical location, which failed to conquer Athens and was subsequently punished by the gods. For 10 points, name this legendary city featured prominently in the game *Age of Mythology* and a certain Disney animated film, which, according to Plato, “in a single day and night of misfortune” was sunk beneath the sea.

ANSWER: **Atlantis** <A question on a fictional place>

**19. In this work, one figure who claims to have suffered a hundred thousand woes threatens to refuse his daughter “a whalebone dress of latest girth.” That daughter in this piece is not swayed by losing “a silver or golden band,” but falsely swears off a certain ► substance when her father promises her a husband. This work’s soprano, Liesgen, will turn into a “dried-up goat” if she cannot have that substance, whose effects require that this work’s narrator ask the audience to** **(\*)** “be still, stop chattering.” Schlendrian, or “Stick-in-the-mud,” attempts to prevent Liesgen from brewing a hot cup of this work’s namesake drink, which the audience might have been enjoying as Johann Sebastian Bach performed this work in Zimmerman’s house of that drink. For 10 points, name this lighthearted cantata about a certain caffeine-containing drink.

ANSWER: ***Coffee Cantata*** [accept “***Kaffeekantate***;” also accept “**Schweigt stille, plaudert nicht**” or “**Be still, stop chattering**” before mention; also accept **B**ach-**W**erke-**V**erzeichnis **211** if some idiot has actually memorized the Bach catalogue] <A question on academic music>

**20. A character with this occupation, Kiyoshi Mitarai, is the protagonist of a novel featuring a series of events centering on twelve paintings of the astrological Zodiac. Yoshio Kobayashi leads a young group of these characters against the ► “Fiend with Twenty Faces,” whose main rival, another one of these characters, is first introduced in a work set in a bookstore on D-Hill. That character also appears in the short stories “The Psychological Test” and “Stalker in the Attic,” which are works written by (\*)** Rampo Edogawa. In a novel by Seishi Yokomizo, one of these characters is hired after the sound of a koto alerts an inn’s patrons of the death of a newlywed couple. For 10 points, name this occupation of characters such as Kogoro Akechi and Kosuke Kindaichi who are called upon to solve mysteries.

ANSWER: fictional Japanese **detective**s <A question on Asian literature>

**21. The competition to design this building was head judged by Charles Moore and Adolph Miller, who sought an “aesthetic appeal through dignity of conception, proportion, scale, and purity of line.” An underground walkway connecting this building with the building across from it, the William McChesney ► Martin Building, unnoticeably features artwork from some of its employees. Located between Constitution Avenue and C Street Northwest, this building was designed by Paul Philippe Chet, and it features an American flag and a stone eagle above its tall entryway through which many important (\*)** economists enter. For 10 points, name this building in Washington D.C. in which the Federal Open Market Committee and the Board of Governors of the central bank of the United States meet.

ANSWER: The Marriner S. **Eccles** Federal Reserve Board Building [or only award 10 points for “The **Federal Reserve** Building” regardless of where they buzz in] <A question on architecture>

**22. In “Earthquake of ‘73,” the band Fruit Bats described losing one’s voice singing a song named after this object, which was most notably covered by the band Hindu Love Gods. This item was owned by a girl who “went riding / Down by old man ► Johnson’s farm” with a man who is asked if he plans to do that girl any harm. This article of clothing’s wearer “wasn’t too bright” but “knew how to get her kicks” because she makes love to a man whose employer, (\*)** Mr. McGee, disapproves of him “doing something close to nothing” while working part-time at the five and dime. For 10 points, name this hat, described as “the kind you find in a secondhand store,” the title object of a song by Prince and the Revolution.

ANSWER: **Raspberry Beret** <A question somehow involving hats>

**23. This film’s protagonist breaks down while reading his mother’s postcard from “Sunny Yugoslavia” after the soldier he met while sunbathing leaves him. At the end of this film, the protagonist walks down an alleyway naked after reconciling with ► Yitzhak by leaving her his blonde wig. A car accident ruins the career of a character in this film, Tommy Gnosis, who earlier betrayed the protagonist when he became a famous (\*)** rock starby taking sole credit for the songs they both composed, including one that recounts how humans were split into two by angry gods, “The Origin of Love.” For 10 points, name this movie in which a botched sex change leaves the title East German singer with the title piece of flesh, based on a musical by John Cameron Mitchell.

ANSWER**: *Hedwig and the Angry Inch*** <First question on a movie occupying any point on the academic/trash spectrum>

**24. Unlike these figures, the presence of an ibbur is welcomed as a positive type of “impregnation.” In one work, a broken promise between Sender and Hannan’s father leads to a series of misfortunes surrounding one of them. That play by ► Ansky titled after these creatures sees Leah’le reject her bridegroom, as she is about to be married, after passing the grave of her departed lover. A wine cabinet sold on eBay by Kevin Mannis inspired a Sam Raimi film about these spirits. That film, *The* (\*)** *Possession*, depicts one of them called “Abyzou” or the “Taker of Children” that was summoned after the box in which that spirit dwelt was opened. For 10 points, identify these spirits from Jewish mythology infamous for their ability to possess others.

ANSWER: **dybbuk** <A question that could appear in a putative “all-religion side tournament”>

**25. After a successful round of dry-cleaning in this episode, one minor character joyfully proclaims that “they got the mustard out!” Another character in this episode frantically asks, “what’s with all the carrots? What do they need such good eyesight for anyway?” shortly after declaring that ► “bunnies aren’t just cute like everybody supposes.” Early in this episode, the protagonist’s sister sarcastically claims to have given birth to a (\*)** pterodactyl, and the singer of the song “Under Your Spell” discovers that her girlfriend had altered her memories. Meanwhile, everyone must come to terms with the fact that a demon is causing people to sing and dance until they burst into flames. For 10 points, name this musical episode of *Buffy the Vampire Slayer*.

ANSWER: “**Once More, with Feeling**” <A question whose answer is the title of a specific episode of a TV show>

**26. According to Albert Glinsky’s biography of this figure, he planned to preserve Vladimir Lenin’s body by freezing it in the permafrost. This physicist adapted a device to measure the dielectric constant of gases for use as a burglar alarm, which he called a “radio watchman,” and while this person was interned in the gulags he was awarded the Stalin Prize for developing the ► Buran surveillance system. This inventor also designed a listening device that consisted of a cavity resonator that was illuminated remotely by a radio signal at 330 MHz, and which was planted in an American embassy hidden within a replica of the (\***) Great Seal of the United States. For 10 points, name this Soviet inventor who is probably far better known for his namesake musical instrument which was alternatively known as an “etherphone.”

ANSWER: Léon **Theremin [**or Lev Sergeyevich **Termen**] <A technology question in the spirit of The Questions Concerning Technology>

**27. One character in this movie is unluckily thrust into the center of the Oakton Cat Show in the middle of a chase sequence, and the Bruisers are nearly drowned after a character turns on a hose. Two characters at the end of this movie end up on a buoy in the sea, which is quickly surrounded by sharks. During the credits, a cameo appearance of ► Psy leads all of the characters in a performance of Gangnam Style. The use of a dog whistle by the protagonist causes Knuckles to fall off a waterfall as he is attempting to recover bags of money he stole from a bank. Liam Neeson provides the voice of (\*)** Raccoon in this movie, in which a runaway food cart causes the giant tree in Liberty Park to burn down with all the food stored for the winter. For 10 points, name this 2014 animated film in which Surly the squirrel attempts to pull off a heist from Maury’s Nut Shop.

ANSWER: *The* ***Nut Job*** <Second question on a movie occupying any point on the academic/trash spectrum>

**28. In a book dedicated to Bernard Bailyn, this man notes that it is “an enduring puzzle of our history” that is “worth exploring” regarding how the title group of individuals “discovered [their] talents.” In another work, this author examines the problems of the Continental Congress and the unappealing nature of a position in national politics during the Revolutionary era. This author of *The Beginning of National Politics* and ► *Revolutionaries: A New History of the Invention of America* also wrote a work which sought to “explore how Americans created a national polity during the Revolution” and examine the United States Constitution through an (\*)** originalist approach. For 10 points, name this historian, political scientist, and professor at Stanford University who won the 1997 Pulitzer Prize for History for his book *Original Meanings*.

ANSWER: Jack **Rakove** <A social science or philosophy question>

**29. This structural engineer is briefly interrupted while resurfacing a road when several porcupines appear, a predicament he solves by making a tunnel for them. In a parody appearance, one of this man’s colleagues commented that “New Jersey smells like bad tuna!” after taking on several representatives of the local ► union. This engineer once built a bridge in order to prevent a steamroller from crashing into a trench, after which everybody passed out from exhaustion. In one episode, this man’s coworkers nearly recycle a tea set belonging to Farmer** **(\*)** Pickles. This partner of Wendy owns several talking construction vehicles, including Dizzy, a concrete mixer, and Scoop, a backhoe loader. For 10 points, name this title character of a certain British animated TV series whose catchphrase is “Can we fix it?”

ANSWER: **Bob the Builder** <A question on “engineering,” however defined>

**30. One prominent opponent of these weapons was Professor von Bruns of the German Chirurgical Society, although he may not have experimented upon the genuine article. According to a telegram sent to President Woodrow Wilson by Kaiser Wilhelm II, the town of ► Leuven was destroyed in “self-defense” after the discovery of some of these weapons in Belgian possession. These weapons, which had been invented by Neville Bertie-Clay, were probably banned as a result of the Saint Petersburg Declaration of 1868, although this did not preclude their use by the British during the (\*)** Mahdist War. In addition to prohibiting the use of weaponized balloons and asphyxiating gases, the Hague Convention of 1899 outlawed these weapons. For 10 points, name these expanding bullets, which share their name with the Indian arsenal where they were developed.

ANSWER: **Dum-Dum** bullets [or **expanding** bullets until mentioned] <A question on military history>

**\*\*\*\*\*SPECIAL GAME MECHANIC: Before reading this question, the team with the greater number of points is to be asked to pick an integer between 1 and 100, inclusive. If odd, read both teams question 31A. If even, read both teams question 31B.\*\*\*\*\***

**31A. On a radio show, this man asked “what qualifies a strawberry as being dead?” and he was once left “gaffer-taped to a lighting rig for over an hour” by a roadie named Drac. This former keyboardist of the band D:Ream gave a lecture on time travel and black holes in *The Science of* ► *Doctor Who*. In a TED talk, he argued for continued funding for exploring the universe to drive innovation and appreciation for science, and he was awarded the 2012 Michael Faraday Prize for popularizing science in the United Kingdom. According to a YouTube video, this professor who works with the Large Hadron Collider likes to (\*)** “do the science, which apparently consists of going somewhere exotic.” For 10 points, name this British physicist who presented several BBC documentary series, including *Wonders of Life* and *Wonders of the Universe*.

ANSWER: Brian **Cox** <A science question>

**31B. Sidney Coleman introduced a variety of these things known as tadpoles, which he had wanted to call spermions due to the fact they look like sperm. ► Wick’s theorem is used to cancel out a bunch of factorials in the denominator of calculations concerned with them, and whatever is left uncancelled in the denominator is called the symmetry factor of one of these. A perturbative series in which each term is represented by one of them is called the** (\*) Dyson series. Modern versions of these are often done in ways that specify the topology of their propagation lines and vertices. Perhaps the best known example of one of these things depicts electron-positron annihilation and the two wiggly lines that result. They were first used in the book *QED* and their axes are space and time. For 10 points, name these drawings that were featured on the van of their creator, who was also pretty good on the bongos.   
ANSWER: **Feynman Diagrams** <A science question>

**32. One of the first sightings of this creature in the United Kingdom was made by Markus Steps. A lyrical passage compares this figure to a tiger, whose “many claws are made of obsidian, and it has the most horrible eyes,” although this figure is still (hopefully) mortal. One opponent of this being who wears a ► rabbit mask, Maduin the Jester, confused him by giving him twenty dollars. In *The Tutorial*, M proposes three rules for successfully evading this figure: get up high, keep moving, and keep your eyes open. This mythical figure’s first appearance was in a (\*)** photograph that allegedly survived the “Stirling City Library blaze,” and he appears in a video game where the player must collect eight manuscripts while wandering around a dark forest. For 10 points, name this modern mythological phenomenon, who usually appears to his victims as a tall, unnaturally thin, faceless humanoid.

ANSWER: The **Slender Man** [or **Slenderman**] <A myth question>

**33. One ruler of this polity sponsored the construction of the Holy Monastery of Dionysiou on Mount Athos, and faced a rebellion led by Niketas Scholares. Another of its rulers, whom ► Michael Panaretos described as “the greatest general and the most fortunate,” attempted to forge a marriage alliance with Louis IX of France, but ended up marrying Irene Syrikaina instead. The founder of this monarchy was captured while on a hunting trip, which allowed the Sultan of (\*)** Rum, Kaykaus I, to demand this state’s submission to him. This country’s capital was placed under siege by a leader who had earlier deposed the Emir of Sinope, and it was surrendered on the advice of George Amiroutzes. For 10 points, name this successor state to the Byzantine Empire, ruled by the Komnenos dynasty until its conquest by Mehmed II in 1461.

ANSWER: Empire of **Trebizond** <A question on Byzantine or medieval Slavic history>

**34. A very reluctant player of this sport became noteworthy for discovering the perimeter of wisdom. Persons who enter the invisible sector while playing this game are rendered unable to see, while the ► vortex spot causes this game’s players to spin around until they fall over. One player of this sport is initially revealed to be a badminton player disguised as a double-agent football player, and is frustrated when he enters the (\*)** Pernicious Poem Place. This sport’s namesake claims that “sooner or later, all of our games turn into” this activity. Players of this activity are advised to harmonize with its theme song’s “rumma tum tums,” and they are not allowed to question the masks. For 10 points, name this sport whose only rule is that you can’t play it the same way twice, created by the title character of a comic strip by Bill Watterson.

ANSWER: **Calvinball** <A question on sports>

**35. This work’s speaker notes that the day he records was the last of a man who proved the proverb “one is either born a king or a fool.” Hercules is chosen to greet the inarticulate title figure of this work because he has seen all peoples, but it is the goddess of fever who identifies him as a native of ►Lugdunum. The title man of this work was killed at Mercury’s request by Clotho during a play, having been spared an hour to make Roman citizens of the half-dozen remaining foreigners in the world. This work’s title emperor is condemned by Augustus in the court of the gods, and he witnesses his own funeral procession mourning the end of (\*)** partying before he is sentenced to throw dice with a perforated box for all eternity. For 10 points, name this satire by Seneca in which the title deceased Roman emperor eventually becomes a law-clerk of the underworld instead of transforming into the title fruit.

ANSWER: *The* ***Pumpkinification of*** *the Divine* ***Claudius*** [accept “*The* ***Gourdification of*** *the Divine* ***Claudius***,” “***Apocolocyntosis*** *Divi* ***Claudii***,” “***Ludus de morte Divi Claudii***,” or “***Play on the Death of the Divine Claudius***”]