

Although investigators believe he was not acting alone, Abdelbaset al-Megrahi was the only person convicted of a crime in relation to this event. Several members of the Stasi have been questioned in relation to this terrorist attack. Notable casualties of this event included the CEO of Volkswagen America and a former Olympic sailor. Syracuse gives Remembrance Scholarships to 35 people each year to commemorate this event. An ex-Libyan (*) Minister of Justice claimed that Muammar Qaddafi personally ordered this event, but this was later denied. Prior to this event, the US Embassy in Helsinki received a tip that a Finnish woman would unwittingly perpetrate this terrorist attack. Libya faced intense economic sanctions until 1999 for harboring two suspects accused of perpetrating this event. Pan Am Flight 103 was blown up in, for ten points, what 1988 terrorist attack that shares its name with a Scottish town.

ANSWER: Lockerbie bombing [accept bombing of Pan Am Flight 103 before mention; accept equivalents such as Lockerbie air disaster]

<Writer's Choice>

A story in this collection includes a character whose house does not contain a single piece of furniture and who compares his illiteracy to the views of philosophers. Another story in this collection describes money as "Bergsonian time, not the hard, solid time of Islam or the Porch." This collection's title story describes the faithful putting their ears to the surface of the Amr mosque in Cairo. This collection contains "The House of (*) Asterion," as well as a story that describes how the narrator grieves for Teodelina Villar and becomes obsessed with the title twenty-centavo coin, "The Zahir." In one story in this collection, the narrator sees the "horrendous remains" of Beatriz Viterbo in a building on the Calle Caray. For 10 points, the narrator of the title story of what Jorge Luis Borges collection sees the entire universe while looking at a point in Carlos Argentino's basement with a Hebrew name?

ANSWER: *The Aleph and Other Stories* [or *El Aleph*]

<Short Fic>

Note: Two answers required. In the 2019 redefinition of SI units, one of these units was the only not to use the hyperfine transition frequency of Caesium-133, while the other was the only to use Boltzmann's constant. The axes of a McCabe-Thiele diagram plots a quantity named after one of these units and describes a process that exploits a difference in a quantity measured with the other. It's not the pascal, but the natural variables for () Helmholtz free energy are measured with these SI units. The product of these units is in the denominator for both the unit for entropy and the ideal gas constant. One of these SI units is named for a British scientist, and the other was quantified by Amadeo Avogadro. For 10 points, name these SI units for temperature and the amount of a substance.*

ANSWER: mole and Kelvin

<Chemistry>

A Reema Shah paper endorses executive enforcement of ICoC standards in order to regulate these organizations. Ben Johnston and Kathryn Bolkovac accused one of these organizations of facilitating child sex trafficking in Bosnia, and that organization has also been blamed for the death of Ecuadorian crops as a result of herbicide spraying in Columbia. Four employees of one of these organizations (*) were hung from a bridge in the city of Fallujah. In addition to DynCorp, one of these organizations founded by Erik Prince was rebranded Academi after being banned from Iraq due to the alleged murder of civilians. For 10 points, name these organizations that provide security services to both governments and private individuals.

ANSWER: private military companies [accept private military contractors, prompt on companies or equivalents, prompt on mercenaries]

<Other Academic>

Description acceptable. One instance of this action was briefly caught on camera when the victim was attempting to score at halftime, only to be denied by Daniel Theis. That occurred two days after the victim asserted that 7-footers running and scoring takes no skill. The most famous instance of this action occurred in the 2008 Finals, after the victim went up for a block and came down with an apparent ankle injury. Following 11 years of skepticism about whether or not that action occurred, the player revealed () "something went down" on ESPN, referring to his return to the game one minute after being taken away by doctors in the infamous "Wheelchair Game." For 10 points, what specific action occurred to players of a certain sport league, evidenced by stains on the back of James Harden's and Paul Pierce's shorts, when they "just had to go number two."*

ANSWER: **NBA players pooping their pants** [prompt on sports players pooping their pants; accept obvious equivalents such as **NBA players crapping in their shorts** or **Paul Pierce/James Harden pooping his pants**] <Writer's Choice Sports>

Sia et. al. used the conceptual lens of this system to find a greater sense of empowerment among Singapore IRS workers. That study was based on a book that compares modern contract enforcement to this system, Shoshana Zuboff's *In the Age of the Smart Machine*. These systems carry out the processes of normation and descending individualization in order to produce docile bodies according to one analysis. The original proposal for these systems included (*) "pauper," "chrestomatic," and "constitutional" versions. A society analogized to these systems controls citizens using hierarchical observation, normalizing judgment, and the examination according to Michel Foucault's *Discipline and Punish*. For 10 points, name these prisons proposed by Jeremy Bentham in which prisoners do not know whether or not they are being observed.

ANSWER: **Panopticon** [accept specific examples that include the word **Panopticon**, prompt on prison or equivalents] <Philosophy>

Tissue unique to this organ compose the corpus cavernosum, spongy holes designed to store blood. Alcock's channel carries a nerve that enables a function of this organ; that nerve is the pudendal nerve. In birds, another function of this organ is uniquely enabled by lymph. The baculum is a bone present in this organ in some mammals. In humans, this organ's namesake (*) glans is covered by a prepuce. Diphallia is the presence of two copies of this organ. Blood flow to this organ is increased upon ingestion of sildenafil, which enlarges the erectile tissue of this organ during sexual stimulation. For 10 points, name this external male urinary and reproductive organ.

ANSWER: **penis** [accept obvious colloquial equivalents; accept clitoris before "store"] <Bio>

When one man of this name chastised Julius Caesar for reading a private message while the senate was discussing matters of treason, Caesar revealed that the message was actually a love letter from that man's half-sister Servilia. Later, that man of this name passed a resolution to remove Caesar's proconsular command. Another man of this name defended farming as the noblest profession in his work (*) *De Agri Cultura*. That man of this name also gave a speech against a law that limited the amount of gold women could wear.; that law was the Oppian Law. That politician of this name opposed hellenic influences in Roman society, and as a result, was known as the censor. An institution named after a man of this name was founded by Charles Koch and features articles written by Doug Bandow. For 10 points, which name is shared by two Roman statesmen, the elder of whom concluded many of his speeches by saying "Carthage must be destroyed"?

ANSWER: **Cato** [accept Marcus Porcius **Cato**; accept **Cato** the Elder; accept **Cato** the Younger] <Classical History>

One opera by this composer has the Romanza "Dopo l'oscura nembo," which is sung by Nelly as she finds out Lord Adelson has been forced to break his engagement with her. That aria is used in a later opera, in which Giulietta sings "O quante volte." Besides the operas "Adelson e Salvini" and "I Capuleti e i Montecchi," this composer also wrote an opera in which the phrase "Ah! Non credea mirarti" is sung by the titular character, Amina, in the aria "Ah! Non giunge uman pensiero" after she awakens from (*) sleepwalking atop a mill bridge. This composer's most famous opera contains the aria "Ah! Bello a me ritorna" as the titular character wishes for peace with Rome. Earlier in that scene, the same druid sings "Casta diva" after raising a mistletoe to the moon to protect Pollione. For 10 points, name this Italian composer of bel canto operas such as *La Sonnambula* and *Norma*.

ANSWER: Vincenzo **Bellini** <Other Auditory Arts>

Michael Mannheimer stated that Clarence Thomas' criticism of the substantial effects test in *Taylor v. United States* could lead to a more sensible ruling on this policy in an article titled "The Coming Federalism Battle in the War over" this policy. The Supreme Court upheld one type of this policy in the case *Wilkerson v. Utah*, which was later cited in the majority *Baze v. Rees* decision, which warned against the use of the courts to determine "best practices" for this policy. *Trop v. Dulles* established the (*) "evolving standards of decency" test, which has been applied to this policy in cases such as *Atkins v. Virginia*, which banned its application on

mentally retarded people. *Furman v. Georgia* held that this policy violates the Eight Amendment due to its discriminatory implementation. For 10 points, name this punishment that is often exacted through lethal injection. ANSWER: death penalty [accept equivalents including capital punishment, prompt on examples such as firing squad or lethal injection before mention]
<Soft SS>

In 2020, two territories on this body of water were combined into a territory abbreviated DNHDD. Nedumbassery is a suburb of one city on this body of water and is home to an airport that received the 2018 UN Champion of the Earth award for being run entirely on solar power. The Tapti river empties into this body of water. The Gulfs of Kutch and Cambay are inlets on this body of water. Agatti Island is part of a (*) Malayalam speaking archipelago in this body of water; that territory is Lakshadweep. The largest island in this body of water is Socotra. This body of water is the mouth of the Indus River, which drains at Karachi. For 10 points, name this body of water that bordered by Iran, Pakistan, India, and its namesake peninsula.
ANSWER: Arabian Sea [prompt on "Indian Ocean", don't accept "Arabian Gulf" or "Persian Gulf"]
<Geography>

One of these objects was used to predict the future by Egyptians, who would ask it questions and interpret responses based on how it tipped. One god was exiled to the House of Sagittarius after creating one of these objects by slicing the top off of a mountain. In the Underworld, a magician kills the serpent (*) Apep while standing on top of one of these objects. A wooden one of these objects was painted to look like stone by Horus; that object was attacked by Set in the form of a hippopotamus. For 10 points, name this type of vehicle including the Atet, which Amun-Re piloted through the Underworld every night in Egyptian mythology.
ANSWER: boat [accept sun boat or barge or other equivalents]
<Non-European Mythology>

Merian's formula is used to calculate the longest natural period of one byproduct of these phenomena; that product is called a seiche. The potential energy drop following one of these phenomena is approximately the ratio of the shear stress and the shear moduli multiplied by a characteristic "moment," which can be calculated using a formula designed by Kanamori. Behrooz et. al. suggested the use of magnetorheological elastomers in (*) base isolation systems to enable structures to resist damage caused by these events. Differential movement along the Wadati-Benioff zone cause one type of these events. Triangulation can be used to find these events' epicenter. For 10 points, name these events whose strength is measured with the Richter scale.
ANSWER: earthquakes
<Earth/Sci>

A poem set in one of these locations states that "flesh is but the glass, which holds the dust / That measures all our time." In another poem, a cyclist becomes embarrassed after saying "Here endeth" too loudly in one of these locations. That one of these locations is called an "accoutred frowsty barn" after the speaker asks "will dubious women come / To make their children touch a particular stone." A poem set (*) outside one of these locations describes how "The plowman homeward plods his weary way." An A.E. Housman poem urges "noisy bells, be dumb" after his lover "stole out unbeknown" to one of these locations without being accompanied by a groom. A poem set outside one of these locations muses that "Some mute inglorious Milton here may rest." For 10 points, name these locations, the yard of which serves as the setting for a Thomas Gray poem.
ANSWER: church [accept cathedrals or "Church-Monuments" or "Church Going" or "Elegy Written in a Country Churchyard;" prompt on graveyard or equivalents]
<Poetry>

The mother of one ruler of this dynasty had an affair with a man pretending to be a eunuch. Chen Sheng and Wu Guang lead The Daze Village Uprising during the reign of this dynasty. The phrase "point to a deer and call it a horse" was first used during this dynasty. This dynasty's general Meng Tian conquered the region of Ordos from the Xiongnu; however, his execution was ordered by (*) Zhao Gao, who served as chancellor during the reigns of all of this dynasty's emperors. This dynasty saw the end of the Hundred Schools of Thought period and the advent of Legalism. It was the first dynasty to standardize weights and currency. The first emperor of this dynasty visited Zhifu Island three times to try and attain the elixir of immortality, but he was unsuccessful. That man's mausoleum required over 700,000 people to build and contains 100 rivers of mercury. For 10 points, name this dynasty whose first ruler was Shi Huangdi.

ANSWER: Qin dynasty
<Asian History>

The scholar Dratsepa stated that the tathagata-essence teachings in the third of a group of categories named for these objects were superior to the Middle of these owing to their less definitive nature. The concept of ahimsa in Jainism is represented by one of these objects on a (*) hand. One of these objects represents the concepts of discipline, wisdom, and consciousness, and is also commonly used to depict the Eight-Fold Path. One of these demonstrates the unity between people and Atma and was formulated by scholars imagining the sun as a chariot. For 10 points, name these objects known as Chakra in Dharmic religions, one of which “of truth” was set rolling by the Buddha in Deer Park.

ANSWER: wheel
<Non-Abrahamic Religion>

One player for this team kicked a walk-off touchdown to himself in overtime while high on cocaine. That man, Chester Marcol, won 1972 Offensive Rookie of the Year. Another player on this team in 1972 was the grandson of the President of Ghana. In a 2004 playoff game against this team, Donovan McNabb completed a 29 yard pass on 4th and 26, eventually leading to the Eagles defeating this team. One famous quarterback from this team played college football at Southern (*) Mississippi and holds the record for consecutive starts with 321. Less notable quarterbacks for this team include Matt Flynn and former Second Round Pick DeShone Kizer. Although this team is notable for not spending heavily in Free Agency, this team signed the “Smith Brothers” in the 2019 offseason. This team won Super Bowl 31 against the New England Patriots, and also won Super Bowl 45 against the Pittsburgh Steelers. For 10 points, name this team that is quarterbacked by Aaron Rodgers and plays in Tittletown, Wisconsin.

ANSWER: Green Bay Packers
<Sports>

The product e to the power of the Euler-Mascheroni constant multiplied by the log-base-2 of the log-base-2 of x asymptotically approximates the count of these numbers less than x . That formula is part of the Wagstaff conjecture. The distribution of factors of numbers in this set is described by Gillies’ conjecture. Smooth factors are found by Pollard’s “ p minus 1” formula in a project that employs the (*) Lucas-Lehmer test to find numbers of this set, that project is GIMPS. A power of 2 relates this set of numbers, through the Euclid-Euler formula, to perfect numbers. This set begins 3, 7, 31, and 127. The formula “2 to the n ” minus 1 gives , for 10 points, which prime numbers named for a French mathematician?

ANSWER: Mersenne primes [prompt on primes before mention]
<Math>

In 2009, a U.S. Representative from this state lost a “leg wrestling match” to Stephen Colbert during a “Better Know a District” segment. This state was forced to pay a \$1.5 million settlement to two former Attorney Generals, John Swallow and Mark Shurtleff, after wrongly arresting them on charges of corruption. This state’s only Democratic U.S. Representative, Ben McAdams, defeated the first black female Republican elected to congress, (*) Mia Love, in 2018. In 2019, this state’s junior Senator crossed party lines when he voted to convict President Donald Trump of abuse of power. For 10 points, name this state home to Senator Mike Lee, where Mitt Romney won a 2018 US Senate election, succeeding President pro tempore Orrin Hatch.

ANSWER: Utah
<Other Academic - CE>

Eli asked this figure’s mother to “put away [her] wine” but learns that she was not drunk but rather praying, leading him to cure her infertility. This figure asks “Whom have I cheated? Whom have I oppressed?” in a speech recounting how he was chosen as leader due to the threat posed by (*) Nahash of the Ammonites. This figure sacrifices a suckling lamb to God after being asked “Do not stop crying out to the Lord our God for us.” This figure says “The Lord will deliver both Israel and you into the hands of the Philistines” to Saul after being summoned by the Witch of Endor. For 10 points, name this prophet that anoints the shepherd David as King of Israel.

ANSWER: Samuel
<Abrahamic Religion>

In one story, this author described trees performing the “Dance of the Dead” before turning around and seeing the “Dance of the Living” inside a house. That story was divided into 561 lexias and analyzed in terms of semantic, symbolic, reference, action, and hermeneutic codes in one critical analysis. The narrator of that story tells Beatrix how the title character fell in love with (*) Zambinella before discovering that she is a castrato. In addition to “Sarrasine,” which was analyzed in Roland Barthes’ *S/Z*, this author wrote a novel in which the title object shrinks every time it is used to grant wishes by Valentin. President Cruchot de Bonfons and Adolphe des Grassins initially compete for the hand in marriage of one of this author’s title characters. For 10 points, name this author of *The Wild Ass’ Skin* who included *Eugenie Grandet* in his novel series *The Human Comedy*.

ANSWER: Honoré de Balzac

<Any Fiction>

In one song, Eminem remarks that “Shady Records was eighty seconds” away from a structural complex in this locale. The earnings from one song named after this place was donated to a municipal Department of Education, and in another song about this place, the artist prefaces the first verse with the line “I don’t know how to start this shit, yo.” One song by a group from this locale includes the lyrics “when things get for real my warm (*) heart turns colder,” a line that is referenced in a 2015 musical whose opening number says “in [this city], you can be a new man”. The opening tracks of both *1989* and *Illmatic* are named for this city, home to a rapper who collaborated with Alicia Keys on the song “Empire State of Mind.” For 10 points, name this city that is home to Nas, Jay-Z, and the Notorious B.I.G.

ANSWER: New York City [accept NYC, accept specific boroughs, accept “World Trade Center” or “Twin Towers” before “complex;” anti-prompt on “Broadway”]

<Pop Culture - Music>

One of this architect’s designs uses a slanted mastaba topped by a tower with a stepped pyramid. That Egyptian Revival style tomb for Martin Ryerson is located in Graceland Cemetary, the same location as this architect’s bronze-gated Carrie Eliza Getty Tomb. This architect protested the classical style of the White City, a competitor to the gold-leaf Golden Door of his entry to the Columbian Exposition, the (*) Transportation Building. One building by this man contains murals and stained glass depictions of rural life, the National Farmers’ Bank, which is one of his namesake “Jewel Boxes”. This architect’s most famous building features “celery-leaf” ornamentation, and is considered to be a twin to his later Guaranty Building. For 10 points, name this architect of the Wainwright Building in St. Louis, who is best known for the phrase “form follows function”.

ANSWER: Louis Sullivan

<Other Visual Arts>

An identity named for this scientist, which is modified by Vraja’s identity, states that the absolute value of the difference of the square of a specific entry in the Fibonacci sequence and product of the two other equally-distanced entries is equal to the original entry squared. This scientist’s namesake state defines systems where the spin axis, orbit normal, and normal to the Laplace plane are coplanar. The lemniscate of (*) Bernoulli is a special case of an oval named for this scientist. The gap between Saturn’s A and B rings is a division named for this scientist. This astronomer is the first namesake of a mission that sent a probe to the moon Titan in 2005. For 10 points, what Italian astronomer co-names a mission with Huygens.

ANSWER: Giovanni Domenico Cassini [accept Catalan first line]

<Any Science>

In a letter to *The Times* this man criticized the 1977 Lib-Lib Pact by stating: “a party that keeps a socialist government in power has lost all title to the name 'Liberal'.” In his book *Price and Production*, he argued that increases in the money supply would cause “malinvestment” as businessmen receive distorted price signals. This man stated that “The curious task of economics is to demonstrate to men how little they really know about what they imagine the can design” in his work (*) *The Fatal Conceit: The Errors of Socialism*. This author called himself an “unrepentant old Whig.” He distinguished between “taxis” and “cosmos” in *Law, Legislation, and Liberty* and wrote the essay “Why I am not a Conservative;” however, he may be more famous for his theory that a market should have a “spontaneous order.” For 10 points, name this member of the Austrian School of Economics who wrote *The Road to Serfdom*.

ANSWER: Fredrich Hayek [accept F. A Hayek]

<Hard SS>

In this battle, Jack Cornwell was awarded the Victoria Cross after his ship, the *Chester*, was attacked by four equally sized cruisers. This was the third naval engagement between steel battleships, after the Battle of the Yellow Sea and the Battle of Tsushima. When reflecting on this battle, Winston Churchill said that one commander in it was “The only man on either side who could lose the war in an afternoon.” Vice Admiral Betty (*) chased Vice Admiral Hipper during the “Run to the South” in this battle. Despite crossing Scheer’s T twice, Admiral John Jellicoe and the British force at this battle sustained double the casualties of the German Navy. This was the largest naval battle in World War I. For 10 points, name this battle that occurred in the North Sea, just off the coast of a namesake peninsula.

ANSWER: **Battle of Jutland** [accept **Battle of Skagerrak**]

<British History>

One character in this work is laughed at after announcing that his wife cheated on him with Fred Motz. A bottle of a perfume called Nostalgia is broken in anger after one character learns her father’s identity, which causes the collapse of a castle in this work. One character in this work writes “Good joke. Everybody laugh” about a joke he heard with the punchline (*) “I am Pagliacci.” One character in this work decides life has meaning and calls it a “thermodynamic miracle” after fleeing to Mars to escape accusations that he is responsible for the cancer of characters including Janey Slater. Another character in this work cuts up a dress he made for Kitty Genovese to create a mask and has the real name Walter Kovacs. Rorschach discovers Ozymandias’ plan for a false flag alien attack on New York in, for 10 points, what graphic novel by Alan Moore and Dave Gibbons?

ANSWER: **Watchmen**

<Long Fiction>

One cult may have manipulated this woman’s story in order to fit in with their custom of having a boy sleep with a bride on the night before her marriage. This “brown-haired” “buxom wife” of one figure is described as having been made “deathless and unaging for him” by the “son of Cronos” in Hesiod’s *Theogony*. This woman had the children Oinopion and Staphylos, after which she was killed by Artemis in one version of her story. After falling in love with Aigle, one lover of this woman (*) abandoned her on the island of Naxos, where she was rescued by Dionysus, who she ended up marrying. For 10 points, name this daughter of King Minos who gave Theseus a ball of yarn to help him navigate the labyrinth.

ANSWER: **Ariadne**

<European Mythology>

In one engagement in this conflict, the *Retaliation* was captured, but William Bainbridge was able to convince the victors not to pursue the *Montezuma* and the *Norfolk*. The *USS President* and *USS Congress* were both built during this conflict, which was preceded by the formation of the US Marine Corps. Stephen (*) Decatur led the *USS United States* during this conflict. Silas Talbot organized an attack on the harbor Puerto Plata in this conflict, and Thomas Truxton won two important victories in this conflict. This conflict was instigated, in part, by Jay’s Treaty and was ended with the Convention of 1800, which is also known as the Treaty of Mortefontaine. For 10 points, name this undeclared war that occurred during the presidency of John Adams.

ANSWER: **Quasi War** [accept **Franco-American War**]

<American History>

An artist from this country was the first to model a central figure from a photograph, seen in his *Last Supper*, which depicts a reclining Jesus and a shadowy departing Judas. Another artist from this country depicted a soldier and a boy carrying an old man away from the eruption of Mount Vesuvius in *The Last Day of Pompeii*. The leading romantic artist from this country was known for his marine art, such as *Stormy Sea at Night* and *The Ninth Wave*. A painting by an artist from this country was labeled as bad (*) “kitsch” by Clement Greenberg, and depicted a nomadic warrior group’s insulting reply to Sultan Mehmed IV. The artist of that painting from this country also depicted 11 men dragging a barge along this country’s national river. For 10 points, what country is home to artists Nikolai Ge, Ivan Aivazovsky, and Ilya Repin, who painted *Barge Haulers on the Volga*.

ANSWER: **Russian** Empire [do not accept or prompt on “USSR”]

<Visual Arts>

Quotes such as “Vigorex, Helping men conquer sexual issues.” appear on the cover of one essay by this

author that describes Bryan Garner as a SNOOT, which is a term that may mean "Syntax Nudniks of Our Time." That essay identifies the Democratic Spirit in *A Dictionary of Modern American's Usage*. This man asserted that "the real value of a real education" is "simple awareness of what is essential, giving the analogy of two self-aware fish in his (*) address to Kenyon College, later titled *This Is Water*. Another essay by this author contemplates the plight of animals that flail around helplessly when placed in boiling water. In a novel by this author, the Wheelchair Assassins seek the Entertainment, a film created by the father of the tennis star Hal Incandenza. For 10 points, name this author of "Consider the Lobster" and *Infinite Jest*.

ANSWER: David Foster Wallace

<Any Genre>

The square of the electron mass multiplied by the cube of the speed of light divided by the reduced Planck constant and the elementary charge gives a maximum value for this quantity above which pair production causes nonlinearities; that limit is the Schwinger limit. In isotropic linear materials, the polarization field is equal to the product of epsilon-naught, chi-sub-e, and this quantity. In (*) Poisson's equation, the negative of the charge density divided by permittivity is equal to the Laplacian of this quantity. In electrostatic conditions, the curl of this quantity is zero, which is set equal to the negative time derivative of a related quantity by Faraday's Law. This quantity is zero in a conductor. For 10 points, name this quantity with units of Newtons per Coulomb.

ANSWER: Electric field [or E-field; accept E]

<Physics>

This body of water includes Monkey Bay, which is located in the Mangochi district. This lake was the site of the first naval engagement of the Great War. This lake is home to the ports of Likoma Island and Chipoka. This body of water is known by a name that translates to "Lake Lake." This lake is bounded by the Krik Range and the Viphya Mountains. It was discovered by a Portuguese trader in 1846, and David (*)

Livingstone referred to it as the Lake of Stars and the Lake of Storms. This lake is drained by the Shire River, a tributary of the Zambezi. It is the 2nd deepest lake in Africa, and is also famous for the variety of cichlids endemic to it. For 10 points, name this lake, also known as Lake Nyasa, whose namesake country has its capital at Lilongwe.

ANSWER: Lake Malawi [accept Lake Nyasa before mention]

<Geography>

In this film, one character pops a bottle of champagne in a trailer before another runs in and exclaims "OK, who's the jerk." Chilean sea bass is fed to the main characters of this film after their appetite is ruined by witnessing a cow be ravaged by a pack of animals. The action of water droplets falling across a person's hand is used in this film to explain a mathematical concept. A (*) Barbasol can is used to transport embryos by a character in this film, who shuts down the power on Isla Nublar. A game warden in this film remarks "clever girl" while he is cornered by two reptiles and killed. In this film's climax, the main characters are saved from a pack of *Velociraptors* by a *Tyrannosaurus rex*. For 10 points, name this 1993 Steven Spielberg film about dinosaurs.

ANSWER: Jurassic Park

<Any Pop Culture -- Movie>

One leader of this military campaign died after falling from a first-floor window, despite the efforts of the dwarf Scarlet. This conflict was partly caused by an incident in which Raymond of Chatillon was decapitated, and Urban the Third collapsed and died after receiving news of one battle that prompted this conflict. Isaac II's non-cooperation with one force in this conflict led to the capture of Philippopolis. After a participant in this conflict died, his body was placed in (*) vinegar. A participant in this conflict angered Leopold The Fifth by throwing his standard down from the walls of Acre. That man decapitated over 2000 Muslim prisoners and also captured the city of Jaffa. During this conflict, the Holy Roman Emperor died after drowning in the Saleph River. Philip the Second led France during, for ten points, what conflict that pitted Richard the Lionhearted against Saladin.

ANSWER: Third Crusade [accept The Kings' Crusade; prompt on The Crusades]

<European History>

Robbie Case rejected a model of this process that was outlined in the *Theory of Constructive Operators*, which argued that human thought was organized into mental capacity and content. That model explained this process through changes in "mental units," and was posited by Juan Pascual-Leone. In the model of hierarchical complexity, Michael Commons posited evidence for systematic and paradigmatic (*) post-formal stages of this process. One part of this process involves "object permanence" and "simple reflexes," which are part

of the “sensorimotor” stage of this process. Later stages of this process include “pre-operational” and “concrete-operational,” which involve an increase in playing and sociability. For 10 points, what theory concerns the progress of human intelligence, posited by Swiss psychologist Jean Piaget?

ANSWER: cognitive **development** [accept more specific answers, such as Jean Piaget’s theory of cognitive **development**”]

<Any Thought Psychology>

A character in this film is accused of “joylessly masturbating to pictures of dead deer” and “swatting Syrian refugees” after he spends a long time in the bathroom. Another character in this film visits 1209 Columbus Road only to find Fran drugged, and a note telling her to search the “stash.” The protagonist of this film is mislabeled as from Ecuador, Brazil, and Paraguay by her employers. The antagonist of this film repeatedly tells his family to (*) “eat shit” after he reveals he was cut out of his grandfather’s will. That grandfather’s death was caused by a mix up between Toradol and Morphine, driving him to suicide. The protagonist of this film vomits when she lies, leading the Southern-accented Detective Benoit Blanc to trust her. For 10 points, name this 2019 Rian Johnson murder-mystery about the Thrombeys and Marta, starring Ana de Armas and Daniel Craig.

ANSWER: **Knives Out**

<Trash Film>

After winning a 1701 war, this kingdom received an umbrella from Dutch vice governor David van Nyendael. This kingdom narrowly averted another conflict after the symbol of an axe carried by ambassadors of this polity was nearly misinterpreted. One of this kingdom’s rulers, Prempeh I, is said to have inspired the scout handshake. This empire’s capital was burned by (*) Garnet Wolseley. This empire’s first ruler was Osei Tutu who defeated the Denkyira. Another ruler of this empire was Queen Yaa Asantewaa who attacked the British held Kumasi Fort, and was later exiled to the Seychelles. This kingdom’s leaders received their legitimacy from an object that supposedly fell from the sky. That object was the Golden Stool. For 10 points, name this kingdom which was located in modern day Ghana.

ANSWER: Kingdom of **Ashanti** [accept **Asante**; accept **Asanteman**]

<World History>

Note to players: composer and type of piece required. **One of these pieces contains a “funeral knell” alongside the notes (read slowly) B E B A E repeated twelve times by the horn, a common motif throughout the piece. The last of these pieces opens with two glockenspiel chimes, followed by a flute solo. The fourth movement of the fifth of these works opens with trills on D and A from the full orchestra, followed by repeated eighth-note timpani strikes on D and A. That work opens with rising and falling minor (*) sixths played by the strings. The last of these works quotes the “William Tell” overture, and the 13th of these is subtitled “Babi Yar.” The 5th of these is subtitled “an artist’s creative response to just criticism,” and another was dedicated to the siege of a city during World War II. For 10 points, what large orchestral works were written by a Soviet composer, such as one named Leningrad?**

ANSWER: **symphonies** by Dmitri **Shostakovich** [prompt on partial answer]

<Auditory Arts>

Brian Johnston, analyzing this character through the Hegelian Dialectic, argues that “his ethical principles actually endangered his life,” which was ironically saved by his lover’s criminality. This character, in a flash of hope, ends the play by muttering “the most wonderful thing of all.” This character repeatedly calls another by animal names, such as “my little squirrel,” and later, “my charming little Capri” after that character performs a “Neopolitan fisher-girl” (*) tarantella at a ball. This character says “the dullest three weeks I ever spent” was when his wife made Christmas ornaments in isolation. This character argues with his wife, who forged a signature on a loan after reading a blackmail letter sent by Krogstad, whom this character had earlier fired. For 10 points, name this banker whose wife Nora leaves him at the end of Ibsen’s *A Doll’s House*.

ANSWER: **Torvald** Helmer [prompt on **Helmer**; prompt on **Nora’s husband**]

<Drama Literature>