

LONE STAR

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Packet 7

Only read this packet if the last tossup of the previous round was Tenochtitlan.

TOSSUP 1

This man led the Hunters of the North to victory while his allies won the Battle of Magenta. At the end of his career, he led the Army of the Vosges in the Franco-Prussian War, while earlier, he had allied with the Colorados in the Uruguayan Civil War while exiled by (*) Piedmont. After one success for his volunteer army of Red Shirts, this “Hero of Two Worlds” called himself “Hero of the Two Sicilies.” For 10 points, name this general who led the Expedition of a Thousand during the Risorgimento, reunifying Italy alongside Victor Emmanuel II.

ANSWER: Giuseppe Garibaldi <Nair>

BONUS

This tribe surrendered to Nelson Miles under the assumption that they could return to their lands in the Pacific Northwest, but William Tecumseh Sherman refused this condition. For 10 points each:

[10] Name this tribe that fled agents seeking to enclose them on the Lapwai Reservation. Chiefs Joseph and Looking Glass led them on a thousand-mile journey in 1877, being caught only thirty miles from Canada at Bear Paw.

ANSWER: Nez Perce

[10] The Nez Perce homeland was in this state. Its mines at Coeur d’Alene were occupied by the military during three Western Federation of Miners strikes, and a 1992 raid at Ruby Ridge here killed the Weaver family.

ANSWER: Idaho

[10] Idaho’s most widely-grown crop is this tuber’s Idaho variety. A famine caused by this crop’s failure in Ireland drove massive Irish immigration to the US in the 1840s.

ANSWER: potato <Ma>

TOSSUP 2

A character in this musical sings, “breeze it, buzz it, easy does it,” while waiting in Doc’s Drugstore. A character’s name is repeated 29 times in a Lydian song in this musical. That character sings “you’re the only thing I’ll see forever” while on a fire escape. Characters in this musical dance a Mambo and sing (*) “I like to be in America.” Despite being on opposite sides of the Jets-Sharks rivalry in New York City, Tony and Maria fall in love in, for 10 points, what adaptation of *Romeo and Juliet* with music by Leonard Bernstein?

ANSWER: West Side Story <Vasilyev>

BONUS

One character in this play stops a tirade against his village after running out of words from the Shorter Companion Dictionary. For 10 points each:

[10] Name this play in which Sidi chooses to marry the chief Baroka instead of the Western-educated Lakunle.

ANSWER: *The Lion and the Jewel*

[10] This Nigerian playwright of *The Lion and the Jewel*, the first Black African to win the Nobel Prize in Literature, spoke out against racial injustice in his Nobel lecture, “The Past Must Address its Present.”

ANSWER: Wole Soyinka [accept Akinwande Oluwole Babatunde Soyinka]

[10] Soyinka adapted *The Bacchae*, a play by this country’s playwright Euripides, into English. In Soyinka’s

adaptation, the orisha Ogun is equated with this country's god Dionysus.

ANSWER: **Greece** <Tagtmeier>

TOSSUP 3

Before returning to England due to a gunpowder injury, a leader of this colony said that “he that will not work shall not eat.” In this colony, a massacre at Martin's Hundred was conducted by Opchanacanough's forces. In this colony, a Doeg raid on Thomas Matthews's farm devastated the Pamunkey and deposed William (*) Berkeley after he refused a militia appointment agreed upon by the House of Burgesses. John Smith led this colony after being saved by Pocahontas. Home to Nathaniel Bacon, for 10 points, name this colony governed from Jamestown.

ANSWER: Colony of **Virginia** [prompt on Jamestown before mention by asking “what larger colony was that in?”]
<Goodapaty>

BONUS

Works at this institution include Women's Table by Maya Lin. For 10 points each:

[10] Name this institution whose Ingalls Rink is often nicknamed its “whale.” That rink lies just uphill of buildings named for Pauli Murray and Benjamin Franklin completed in the neo-Gothic style in 2017.

ANSWER: **Yale** University

[10] This Finnish-American architect designed Ingalls Rink. Other works by this architect include the MIT Chapel and Kresge Auditorium.

ANSWER: Eero **Saarinen**

[10] Saarinen is most famous for this landmark at the site where St. Louis, Missouri was founded on the Mississippi River. This structure is in the shape of an inverse catenary and is the world's tallest arch.

ANSWER: **Gateway** Arch <Pamurthy>

TOSSUP 4

One modern composer from this country called for a solo soprano in every movement of his *Symphony of Sorrowful Songs* and another wrote an 8'37” piece dedicated to the “Victims of Hiroshima.” An older composer wrote “Heroic” and “Military” examples of this country's dances and was inspired by its November Revolution to write his (*) *Revolutionary Etude*. That composer also wrote 59 mazurkas, folk dances of this country, and was Frederic Chopin. For 10 points, name this country home to composers Gorecki (“go-RET-ski”) and Penderecki (“pen-de-RET-ski”), and its namesake polonaise dance.

ANSWER: **Poland** <Vasilyev>

BONUS

This prime minister recently inaugurated Asia's largest solar power plant, the Rewa Project, which is expected to decrease national carbon emissions by 1.5 million tons a year. For 10 points each:

[10] Name this former Chief Minister of Gujarat who was praised by the WHO for his containment of coronavirus cases in the Dharavi slum.

ANSWER: Narendra Damodardas **Modi**

[10] This Union territory of India, created by Modi's separation of Jammu & Kashmir in October 2019, was home to a deadly clash in the Aksai Chin region that is disputed by India and China. The Line of Actual Control demarcates this Himalayan region.

ANSWER: **Ladakh** (“luh-DAHK”)

[10] In response to the skirmish, Prime Minister Modi declared a ban on 59 Chinese apps, including this social media app once known as musical.ly. The Hype House is a group of popular influencers on this app.

ANSWER: **TikTok** <Nair>

TOSSUP 5

This character gains “fiery eyes” after cooking in a crucible for 49 days and is thus able to see the White Bone Demon. By using the “True Words to Calm the Mind,” this character’s companion is able to tighten a headband that he wears, incapacitating him. This character consumes Pills of Longevity and the (*) Peaches of Immortality in defiance of the Jade Emperor. After being trapped under a mountain, the monk Tripitaka releases, for 10 points, what “Monkey King” featured in the Chinese novel *Journey to the West*?

ANSWER: Sun Wukong [accept Son Goku; accept Monkey King until mention] <Yoo>

BONUS

This series’ anthology format was largely inspired by *The Twilight Zone*, which creator Charlie Brooker says allows for a greater ability to deal with controversial subject matter. For 10 points each:

[10] Name this series, whose first episode features a kidnapper using a pig and the British Prime Minister to showcase the public’s obsession with the media.

ANSWER: Black Mirror

[10] This other Netflix original series is set in Hawkins, Indiana and concerns the way the Upside Down affects the town’s residents.

ANSWER: Stranger Things

[10] Netflix’s original horror lineup also includes *The Haunting of Hill House*, which is based on a novel by this author of *The Road Through the Wall* and *Life Among the Savages*.

ANSWER: Shirley Jackson <Patison>

TOSSUP 6

This structure is split to image its E-face and P-face in freeze-fracture electron microscopy. These structures have microdomains called rafts. Flippases move molecules between this structure’s leaflets. The Davson-Danielli model of this structure did not take into account integral proteins and was replaced by the (*) fluid mosaic model. For 10 points, cholesterol regulates the fluidity of what organelle, composed of a bilayer of phospholipids that surrounds a cell, occasionally inside a cell wall?

ANSWER: cell membrane [or plasma membrane] <Pamurthy>

BONUS

The effects of the Pragmatic Sanction began this war. For 10 points each:

[10] Name this succession war whose proximate cause was the accession of Maria Theresa onto the throne of the namesake country. Really, a lot of countries just wanted an excuse to fight the Habsburgs.

ANSWER: War of the Austrian Succession

[10] The treaty ending the War of the Austrian Succession was signed at Aachen, which had been the coronation site for holders of this title for over 500 years. Along with being Empress of Austria, Maria Theresa also held this title.

ANSWER: Holy Roman Emperor [or Holy Roman Empress]

[10] This king wrote the Pragmatic Sanction of 1713, bequeathing his kingdom to his daughter Maria Theresa at his death, despite it violating Salic Law. He also fought the wars of the Quadruple Alliance and Polish Succession.

ANSWER: Charles VI [prompt on partial] <Ma>

TOSSUP 7

The Abraham-Lorentz force is proportional to the derivative of this quantity. The maximum value of this quantity in simple harmonic motion is equal to amplitude times omega squared. An observed value of zero for this quantity is characteristic of inertial reference frames. The (*) centripetal form of this quantity always points to the center and is equal to the square of velocity divided by radius. For 10 points, name this quantity equal to the second time derivative of position, otherwise known as the rate of change of velocity.

ANSWER: **acceleration** <Shyam>

BONUS

The Shine-Dalgarno sequence is a binding site in mRNA that aids in initiation of this process. For 10 points each:
[10] Name this process, the second major step of protein biosynthesis. This process features formation of peptide bonds between amino acids following transcription.

ANSWER: **translation**

[10] This process can occur both co-translationally and post-translationally and is assisted by chaperonins. In this process, a protein assumes its tertiary structure.

ANSWER: protein **folding**

[10] The ribosome, the site of translation, has subunits with sizes measured in this quantity. This quantity is a unit of time used for sedimentation coefficients in centrifugation.

ANSWER: **Svedbergs** [prompt on S] <Pamurthy>

TOSSUP 8

This concept is paired with the world and the future in Aaron Beck's cognitive triad. Carl Rogers attributed the problems of patients to the gap between the "ideal" and "real" forms of this concept. Transcendence is a form of a phenomenon named for this concept at the top of the "growth needs" in (*) Maslow's hierarchy of needs; that is the "actualization" of this concept. How a person evaluates their worth and abilities reflects, for 10 points, what concept's "esteem?"

ANSWER: the **self** [accept **self**-actualization] <Condron>

BONUS

This book is compared to a passage from *1001 Nights* in which Scheherazade begins to retell the story of *1001 Nights* from the beginning. For 10 points each:

[10] Name this book about the potential lives of Fang by Ts'ui Pen that notably omits all mentions of the word "time."

ANSWER: the **Garden of Forking Paths** [accept equivalents such as the book from "The **Garden of Forking Paths**," or the **Labyrinth**]

[10] "The Garden of Forking Paths" is a story by this author, who also described a legend about a secret organization that uses chance to determine every aspect of people's lives in "The Lottery in Babylon."

ANSWER: Jorge Luis **Borges**

[10] Borges is from this South American country. Borges described a gaucho killing a man in a knife fight in a story titled for this country's national epic, Martín Fierro.

ANSWER: **Argentina** <Tagtmeier>

TOSSUP 9

This poet described the source of “the clearest knowledge / of how the world’s delight is a brief dream” in a poem that mentions “those sighs on which I fed my heart.” In his *Epistolae familiares*, this poet described an ascent of Mont Ventoux, and he retold the conquest of Carthage from the perspective of (*) Scipio Africanus in his poem *Africa*. A collection by this poet begins “You who hear the sound, in scattered rhymes.” For 10 points, name this poet who addressed many sonnets to Laura in his *Il Canzoniere*.

ANSWER: **Petrarch** <Tagtmeier>

BONUS

The artist of this sculpture supposedly struck it on the knee and commanded “Now Speak!” For 10 points each:

[10] Name this Biblical sculpture at the center of the Tomb of Pope Julius II. The appendages on its head stem from a mistranslation of the Hebrew text for “emitting rays.”

ANSWER: “Horned” **Moses**

[10] Moses and the Tomb of Pope Julius II were sculpted by this Renaissance artist, also known for painting the ceiling of the Sistine Chapel.

ANSWER: **Michelangelo** di Lodovico Buonarroti Simoni

[10] This Michelangelo marble sculpture is 17 feet tall and housed at the Accademia. It shows the title figure tense and ready before battle, holding his weapon in his left hand, with a tree stump supporting his right leg.

ANSWER: **David** <Vasilyev>

TOSSUP 10

One song by this band describes a woman who, after a “strictly business” liaison with a lawyer, “held a purse of a different kind.” This band also sang “let’s get these teen hearts beating faster” in a song titled for a quote from the movie *Closer*, (*) “Lying Is the Most Fun a Girl Can Have Without Taking Her Clothes Off.” This band also asks “haven’t you ever heard of closing the [expletive] door?” in the song “I Write Sins Not Tragedies” off their album “Death of a Bachelor.” For 10 points, name this band fronted by Brendon Urie known for the hit “High Hopes.”

ANSWER: **Panic! At the Disco** <Tagtmeier>

BONUS

Answer the following about the historical problem of “doubling the cube,” or trying to find the side length of a cube double the volume of the original. For 10 points each:

[10] If the current cube has a side length of 1 unit, then what does the new cube with double the volume have as its side length?

ANSWER: **cube root of 2** units [accept **2 to the 1/3 power**; do not accept or prompt on any other answers]

[10] Menaechmus “solved” the Delian problem by inventing these curves. There is a one to one correspondence between these curves and quadratic equations in two variables, and examples include $xy = 1$ and $x^2 + xy + y^2 = 3$ (“x-squared,” etc).

ANSWER: **conic sections**

[10] The easiest way of doubling the cube is by performing a single fold on a paper folded into thirds. Paper-folding, mathematical or otherwise, is commonly known by this Japanese term.

ANSWER: **origami** <Ma>

TOSSUP 11

This country was initially rejected from the League of Nations for not abolishing slavery; its leader later

made a famous speech condemning the League's inaction in the face of chemical warfare in this country. This country won the Ogaden War under Mengistu's communist regime, the (*) Derg. Under its Solomonic Dynasty's King Menelik II, this country defeated an Italian invasion at the Battle of Adowa. One of only two African countries to avoid colonization, for 10 points, name this country of Haile Selassie with capital Addis Ababa.
ANSWER: **Ethiopia** <Goodapaty>

BONUS

During the dynastic period, a kingdom on this peninsula fended off a Japanese invasion with the help of Admiral Yi's "Turtle Ships" at the Battle of Myeongnyang. For 10 points each:

[10] Name this Asian peninsula that was divided into two countries, its "South" and "North," at the 38th Parallel after the end of Japanese occupation. Its dynastic period included the Silla, Goryeo, and Choson Dynasties.

ANSWER: **Korea**

[10] This most famous Korean king created Hangul, the alphabet that both North and South Korea still use today. This Choson king shifted Korea from a Buddhist society to a Confucian one, establishing the civil service exam.

ANSWER: **Sejong** the Great

[10] Korea's dynastic period ended with colonization by Japan after it established military supremacy over the region in this 1904-5 war. This war ended after Togo Heihachiro crossed the T at Tsushima against the Baltic Fleet.

ANSWER: **Russo-Japanese** War <Rubel>

TOSSUP 12

A woman with a floral fan does this action under a chestnut tree in one painting from Renoir's set of three named for this action "in the Country," "in the City," and "at Bougival." This action also titles a Matisse painting that is a companion to *Music* and shows five red figures (*) holding hands. This action is depicted in a wax statue of a fourteen-year-old girl with real clothes by Edgar Degas, who also painted a class learning it in tutus. For 10 points, what action is performed in paintings of balls and ballerinas?

ANSWER: **dance** [accept word forms like **dancing**] <Vasilyev>

BONUS

The tenth and last poem in this collection commands "let me sing jubilation and praise" upon the narrator's "emergence from this fierce insight." For 10 points each:

[10] Name this collection dedicated to Princess Marie von Thurn und Taxis, whose fifth poem describes an inscription of "Subrisio Saltat: the Saltimbanque's smile" and begins, "but who are they, tell me, these Travellers?"

ANSWER: the **Duino Elegies** [accept **Duineser Elegien**]

[10] This German-language poet who suffered from bouts of severe depression while writing the *Duino Elegies* also wrote of a creature that "paces in cramped circles, over and over" in his poem "The Panther."

ANSWER: Rainer Maria **Rilke** [accept René Karl Wilhelm Johann Josef Maria **Rilke**]

[10] Rilke wrote 55 of these poems to Orpheus in a "creative storm" that also inspired his completion of *The Duino Elegies*. Shakespeare wrote 160 of these 14-line poems.

ANSWER: **sonnets** [accept **Sonnets to Orpheus**; accept **Shakespearean sonnets**] <Yoo>

TOSSUP 13

This person's observations of imperfect terrain spurred the revision of the painting *The Flight into Egypt* after the publication of his *Sidereus Nuncius*. A failed demonstration of motion using tides appears in another text by this scientist in which Salviati argues with the simpleton Simplicio. This scientist was the first to observe (*) moons of another planet, his namesake moons of Jupiter. For 10 points, name this Italian astronomer whose works were banned for advocating Copernicus's theory of heliocentrism and the earth's motion.

ANSWER: Galileo Galilei [accept either underlined name] <Ma>

BONUS

After the formation of heaven and earth, this pair of male and female deities were the last to come into existence. For 10 points each:

[10] Name these *two* deities who set up a heavenly pillar on the island of Onogoro after churning an ocean of chaos with a bejeweled spear. Hiruko, this pair's first offspring, was considered imperfect and was set afloat in the sea.

ANSWER: Izanagi and Izanami [prompt on partial answer]

[10] Izanagi and Izanami are creator deities from the mythology of this East Asian country. Shintoism, whose followers worship gods called *kami*, originated in this island country.

ANSWER: Japan [accept Nihhon or Nippon]

[10] Izanami died after giving birth to their son, the fire god Kagutsuchi. In a fit of rage, Izanagi cut their son into eight pieces, which became eight of these things.

ANSWER: volcanoes <Yoo>

TOSSUP 14

In one story by this writer, the title town drops a word from their motto about temptation after a debacle in which 19 couples attempt to dishonestly acquire a sack of gold. In a different work by this author, a stranger at the dilapidated Angel's Camp relates a story about a bulldog named Andrew Jackson, as well as a different creature named (*) Dan'l Webster. In a novel by this author, a boy feeds his cat some painkiller and uses reverse psychology to make a passersby whitewash a fence for him. For 10 points, name this creator of characters like Huckleberry Finn and Tom Sawyer.

ANSWER: Mark Twain [accept Samuel Langhorne Clemens] (the first clue is "The Man That Corrupted Hadleyburg") <Yoo>

BONUS

Anton Webern was a principal member of this group of composers. For 10 points each:

[10] Name this Austrian group that created tonal techniques used in a violin concerto "dedicated to the memory of an angel," which was composed by Alban Berg.

ANSWER: Second Viennese School [or Zweite Wiener Schule]

[10] Arnold Schoenberg, the most famous member of the school, developed a technique named for this many tones, which must all be used equally. This is the number of distinct tones in a chromatic scale.

ANSWER: 12

[10] Before his development of the twelve tone technique, Schoenberg composed this tonal string sextet divided into five sections, set to a poem by Richard Dehmel.

ANSWER: Verklärte Nacht [or Transfigured Night] <Vasilyev>

TOSSUP 15

A priest from this civilization known as an “Old Bear” attached a “sustenance rope” to a participant in one ritual. As part of a practice from this civilization, a “precious eagle-cactus fruit” was placed in an “eagle vessel” after the participant consumed (*) *pulque*. This civilization performed a ritual on a gladiatorial stone or at the temple of Xipe Totec using a sharpened piece of flint. For 10 points, name this Mesoamerican civilization which performed human sacrifice at a temple devoted to Huitzilopochtli (“weet-see-loh-poach-tee”) and who worshipped Quetzalcoatl.

ANSWER: Aztec <Condron>

BONUS

The Corey-Fuchs reaction transforms aldehydes into these compounds. For 10 points each:

[10] Name these hydrocarbons that can undergo a namesake zipper reaction. Acetylene, also known as ethyne, is the simplest one of these compounds, which can be converted to alkenes by Lindlar’s catalyst.

ANSWER: alkynes [do not accept or prompt on “alkanes” or “alkenes”]

[10] Alkynes are characterized by a triple bond. There is also a triple bond between two atoms of this element in the most common gas in the atmosphere. Soil bacteria reduce that bond in this element’s namesake “fixation.”

ANSWER: nitrogen [or N]

[10] A pi bond is formed by overlapping two of these atomic orbitals. For principal quantum number 2, these orbitals have a dumbbell shape and are mutually perpendicular to each other, unlike s orbitals, which are spherical.

ANSWER: p orbital <Pamurthy>

TOSSUP 16

The concentration of one of these elements is measured with a Lucas cell. Two isotopes of one of these elements mix in a dilution refrigerator. The first endohedral fullerenes contained these elements within a carbon shell. In every period, these elements have the smallest (*) atomic radius and the strongest proton-electron attraction. These elements, when un-ionized, fulfill the octet rule and have a completed valence shell. For 10 points, name this furthest-right group of elements on the periodic table that includes xenon and neon.

ANSWER: noble gases [or group 18 or group VIIIA; accept inert gases; prompt on nobles] <Shyam>

BONUS

After losing his job, the protagonist of this novel moves to his lesbian daughter’s farm. For 10 points each:

[10] Name this 1999 Booker Prize winner, in which the professor David Lurie has an affair with his student Melanie Isaacs.

ANSWER: Disgrace

[10] *Disgrace* is a novel by J.M Coetzee, a novelist from this country also home to Nadine Gordimer. In *Disgrace*, David Lurie is a professor of Communications in this country’s city of Cape Town.

ANSWER: Republic of South Africa

[10] Nadine Gordimer is perhaps best known for this novel that ends with Maureen escaping in a helicopter. In this novel, the Smales family flees from Johannesburg to the village of the title servant.

ANSWER: July’s People <Nair>

TOSSUP 17

John the Deacon claimed that Charlemagne's Pax Nicephori recognized this polity as an independent buffer state. This polity won the Battle of Chioggia ("KYO-dja") over a rival led by the Dorias. This polity was opposed by the Papal States-organized League of Cambrai. This republic ordered the Sack of Zara under Enrico (*) Dandolo. Merchants from this maritime city dominated the Adriatic Sea under the leadership of the Doge. For 10 points, name this rapidly sinking city on the Adriatic, famous for its extensive system of canals.
ANSWER: **Venice** [or **Venezia**; accept **Venetian** Republic or La **Serenissima** Republica di Venezia] <Goodapaty>

BONUS

This process most recently occurred in 2008, a few years after Gyanendra suspended the constitution in 2005. For 10 points each:

[10] Name this process. Other countries have done this process of removing a particular title for their head of state by renouncing their status as Commonwealth realms. A description is acceptable.

ANSWER: **ending** a **monarchy** [accept synonyms; accept **king** or **queen** for "monarchy"]

[10] Gyanendra was forced to abdicate in this Himalayan country by his parliament, situated in Kathmandu. It shares Mount Everest with China and has a non-rectangular flag.

ANSWER: Federal Democratic Republic of **Nepal**

[10] Nepal's monarchy originally ruled a kingdom named for these Nepalese people. Their fearlessness in the British Army has led to their name being used to generally refer to any soldiers of Nepalese nationality.

ANSWER: **Gurkhas** <Ma>

TOSSUP 18

A character in this text trembles with "awe and wonder" after seeing a transformed figure display the "radiance of the whole universe in its variety." This text opens by describing "the field of Truth, the battle-field of life." In the opening section of this text, the wielder of the bow *Gandiva* laments that he does not want to (*) kill the teachers and family members that stand opposite him in a battle of the Kurukshetra war. For 10 points, name this Sanskrit poem from the Mahabharata about Krishna, the charioteer of Arjuna.

ANSWER: ***Bhagavad-gita*** [prompt on ***Mahabharata*** before "Mahabharata" is read; prompt on ***Gita***] <Condron>

BONUS

Vidrighin et. al. claimed to have actualized this thought experiment by measuring two light beams, thus creating an energy imbalance and outputting work that can be used to charge a capacitor. For 10 points each:

[10] Name this thought experiment in which fast-moving particles are sorted into one chamber and slow-moving particles into another by opening a gate.

ANSWER: **Maxwell's Demon**

[10] Maxwell's Demon would lead to a decrease in this quantity, defined as the amount of disorder in a system.

ANSWER: **entropy**

[10] Maxwell's Demon thus violates this law, which states that irreversible reactions must cause the entropy of a system and its environment to increase.

ANSWER: **Second** Law of **Thermodynamics** <Tagtmeier>

TOSSUP 19

This city's East Lake is the largest urban lake in its country. From 1937 to 1938, this city became a temporary

national capital. The name of this city at the mouth of the Han combines those of its three predecessor cities, one of which named an uprising caused by a railroad protest in 1911. This capital of (*) Hubei Province contains its country's first Biosafety Level 4 laboratory, and its Huanan Seafood Wholesale Market was shut down after Chinese New Year 2020. For 10 points, name this city of origin of the 2019 coronavirus pandemic.

ANSWER: **Wuhan** <Ma>

BONUS

For 10 points each, answer the following questions about the Golden Temple.

[10] The Golden Temple is a gurdwara, a temple in this religion founded by Guru Nanak. It was built by Guru Ram Das, the fourth of its ten gurus.

ANSWER: **Sikhism**

[10] The Golden Temple is in this city. The Jallianwala Bagh of this city was the site of a massacre often named for it in which Reginald Dyer ordered British troops to fire on hundreds of civilians, killing 379.

ANSWER: **Amritsar**

[10] This Indian prime minister ordered an attack on the Golden Temple in Operation Blue Star. This prime minister also led India's first successful nuclear test in Operation Smiling Buddha.

ANSWER: **Indira Gandhi** [prompt on partial answer] <Rubel>

TOSSUP 20

In a play by this author, a character decides to take revenge on her irresponsible woodcutter husband by telling two servants of a rich man to beat him until he confesses to being a doctor. This author of *The Doctor in Spite of Himself* wrote a play that ends with the protagonist in self-exile after his harsh critique of Oronte's sonnet. This creator of *Célimène* and (*) Alceste wrote a play that ends with an officer of King Louis XIV arresting the title character for his trickery of Orgon's family. For 10 points, name this oft-censored French playwright of *Tartuffe*.

ANSWER: **Molière** [accept Jean-Baptiste **Poquelin**] <Yoo>

BONUS

Officially, these events are defined as two or more consecutive quarters of declining real GDP. For 10 points each:

[10] Name these economic downturns. A "Great" one of these events from late 2007 to 2009 occurred after the housing bubble burst.

ANSWER: **recessions**

[10] Recessions are a part of this periodic increase and decrease in economic activity. In the United States, graphs representing this phenomenon show recessions and expansions, but an overall increase in economic activity.

ANSWER: **business cycle** [accept **economic cycle**]

[10] Unlike the cyclical unemployment caused by variations in the business cycle, this type of unemployment occurs when underlying economic factors change in a way that reduces the demand for certain skills.

ANSWER: **structural** unemployment <Condron>