

Blue Devil Academic Tournament II

Written and edited by the Norcross Academic Team (Mostafa Bhuiyan, Hernan Morales, Joey Reifenberger, Michael Sokolow), Tanay Kothari, Adam Silverman, and Brady Weiler

Round 13- Tossups

1. The Hammond-Leffler postulate states that two reaction coordinates with similar values in this property will have similar structures. Unlike a similar measure, this quantity is always calculated at constant pressure, in which it is given by “U plus PV minus TS.” Chemical potential equals it over particle number. Its change is zero at equilibrium, and, in general, equals “negative RT times the natural log of K.” When the change in it is (*) negative, a reaction is exergonic, and will occur spontaneously. For ten points, name this measurement of the amount of usable work extractable from a system, a form of free energy named for an American chemist.

ANSWER: Gibbs free energy

2. One type of this event was followed by its instigator addressing a city that its sins “are the cause of these stripes.” An older type of this event began after Li Si banished the Hundred Schools of Thought and preserved Legalism; that one also got rid of scholars and took place in the (*) Qin [pr. Chin] dynasty. The instigator of another of these events was executed after refusing to defend his actions against corruption in Florence to Pope Alexander VI in 1495. For ten points, name this type of event exemplified by Savonarola’s Bonfire of the Vanities, in which texts were destroyed with fire.

ANSWER: book burnings (accept equivalents like “destroying books”; accept “Bonfire of the Vanities”; prompt on partial answer)

3. In one poem, this author asked “let my land be a land where Liberty/Is crowned with no false patriotic wreath.” This poet also wrote of an instructor who said to “Go home and write a page tonight. And let that page come out of you.” This author of “Let American be America Again” and “(*) Theme for English B” ended another of his poems with the question “Does it explode?” and asks if the subject “[stinks] like rotten meat” or “[dries] up like a raisin in the sun.” For ten points, name this author of “A Dream Deferred” who was a prominent poet from the Harlem Renaissance.

ANSWER: James Mercer Langston Hughes

4. A theory which attempts to model this quantity has equation “Y sub S equals f times the quantity p minus the expected value of p.” That model of this quantity is the Lucas curve. Factors which cause a decrease in this quantity lead to cost-push inflation. When graphed in the long-run, the (*) “aggregate” type of this quantity assumes a vertical line. Unlike its counterpart, this quantity in the short-run is graphed with a positive slope. Its namesake law states that this quantity will increase as price increases. For ten points, name this measure of the amount of product a company is willing to sell, contrasted with demand.

ANSWER: supply (accept “aggregate supply”)

5. Followers of this faith use silk, paper cuttings, and nusa wands for “good” and “bad” purifications during the Harae. In this faith, the opening and closing of doors is considered an important part of the rituals that take place in the *honden*. The underworld of this belief system contains a giant boulder obstructing the entrance to the (*) Plain of High Heaven, and is known as Yomi. Followers of this faith mark entrances to their shrines with *torii* gates and refer to their gods as *kami*. For ten points, name this religion of ancient Japan.

ANSWER: Shintoism [accept “Way of the Gods”]

6. In these organelles, a transferase facilitates the addition of serine residues to *O*-GalNac during the addition of glycosaminoglycan [pr. Gly-co-sa-mi-no-gly-can] chains to a proteoglycan. These structures are the sites of *O*-linked glycosylation and produce a large number of oligosaccharides. In these organelles, the membranes at the opposite poles of certain (*) stacks are designated with the words *cis* and *trans*. Those stacks consist of flattened sacs called cisternae. For ten points, name this organelle which modifies the products of the endoplasmic reticulum for shipping and packaging, and is named for an Italian scientist.

ANSWER: Golgi body (or Golgi apparatus; or Golgi complex)

7. After viewing this painting, one critic said of it that “the goal of painting is to speak to the soul and the eyes, not to repel.” At its right, a man in red shorts leans on a barrel and forms part of a pyramid-like arrangement. To the left of this painting, a man sits with his right fist on his chin and is covered by a red cloak. Before painting this work, its artist went to (*) morgues to study dead bodies. Near its top-right, a man holds a red cloth in his left hand and signals to an unaware ship in the horizon. For ten points, name this Romantic-era painting depicting the survivors of a shipwreck by Theodore Gericault.

ANSWER: *The Raft of the Medusa* (or *Le Radeau de la Méduse*)

8. A break within this organization began after the leave of Daniel Domscheit-Berg. A 2012 post published on AnonPaste revealed that Anonymous had withdrawn its support for this organization. Reykjavik 13 [pr. Rake-ya-vick] was given to one of its members in the (*) Cablegate controversy. Its current president is facing extradition to Sweden over sexual misconduct charges, received information from Bradley Manning, and is currently stuck at the Ecuadorian Embassy in London. For ten points, name this online organization led by Australian businessman Julian Assange which publishes secret government information.

ANSWER: Wikileaks

9. One author from this country wrote about a man who witnesses an Umbanda ritual while on a trip to Brazil with Amparo. One poet from this nation addressed a certain work to “You who hear the sound, in scattered rhymes.” Another novel written by a man from this country tells of the deaths of several monks, which are investigated by (*) William of Baskerville. This nation, home to the author of *The Name of the Rose*, was also the home to a poet who addressed most of his namesake sonnets to Laura in his *Canzoniere*. For ten points, name this European country home to Umberto Eco and Petrarch.

ANSWER: Italy

10. This location was the site of a 1792 meeting at which twenty-four men signed the Buttonwood Agreement. Members of an organization that worked at this location were investigated in the Pujo Committee. J. Edgar Hoover’s fight against “red fascism” began after a 1920 bombing here killed thirty-three people. Another event that occurred at this place started with (*) “Black Tuesday” and eventually led to the construction of shantytowns called “Hoovervilles.” For ten points, name this place which in 1929 experienced a crash at the New York Stock Exchange, ushering in “Black Friday” and the Great Depression.

ANSWER: Wall Street (accept “New York Stock Exchange” until read; accept “Stock Market”; prompt on “New York” or “New York City”)

HALFTIME. SCORECHECK. ASK IF THERE ARE ANY PLAYER SUBSTITUTIONS

11. One of this man's compositions was later choreographed for John Corigliano's ballet *Pied Piper*. That work is his only clarinet concerto. A narrator in another piece by this composer repeats the words "And this is what he said" before saying that "government of the people, by the people, and for the people shall not perish from the Earth." This composer included excerpts from the (*) Gettysburg Address in *Lincoln Portrait* and utilized the Shaker hymn "Simple Gifts" in a ballet about a Pennsylvania family choreographed by Martha Graham. For ten points, name this American composer of *Appalachian Spring*.

ANSWER: Aaron Copland

12. One figure attempts to kill this non-Egyptian god by cutting his body into little pieces and grinding them, but fails and is forced to marry this figure in a hogan. In one story, he caused the creation of a star named Arcturus after juggling his eyeballs. In another story, this god tells a skunk to put seeds on his ears and to hit him with a wooden block every time the dancing stops. This figure spit out crushed (*) crystals which he stole from a pouch, prompting the creation of the Milky Way, and he also made humans from balls of mud. For ten points, name this trickster-god from Native American mythology.

ANSWER: Coyote

13. One character in this play sings a song that the maid Barbary used to sing. This work begins with two characters waking the nobleman Brabantio. Another character in this drama gets into a drunken fight with Montano and loses his position as (*) lieutenant. Roderigo is continually tricked out his money by one character in this play. In this work, the title character tells of the Turkish defeat when he arrives in Cyprus. The main antagonist of this play plots to convince the title character that Desdemona is sleeping with Cassio. For ten points, name this Shakespearean tragedy about Iago and the title Moor of Venice.

ANSWER: Othello

14. In this novel, one character uses a silver statue to hit a woman after his plan of robbing a house is cut short by a swarm of cats. Another character in this novel recognizes a man whose wife he had raped years before, and he is later given shelter by that man, F. Alexander. This novel opens with a group (*) drinking milk laced with stimulants. While in prison, the Beethoven-loving protagonist of this novel is conditioned to despise violence by the Ludovico technique. In this book, the protagonist commits crimes with the "droogs" and speaks in Nadsat. For ten points, name this dystopian novel about Alex written by Alexander Burgess.

ANSWER: A Clockwork Orange

15. In office, this president was the target of Charles's Ogle's "Gold Spoon Oration." During this man's first year as president, Governor Lilburn Boggs authorized the use of military force to rid Missouri of Mormons. As the incumbent, this president's opponent during the election ran on a campaign of (*) "log cabins and hard cider." During this man's term, Joseph Story delivered the opinion on a court case dealing with two African-American slaves aboard a schooner named the *Amistad*. For ten points, name this U.S. President nicknamed "Old Kinderhook" who dealt with the Panic of 1837 before losing the Election of 1840 to William Henry Harrison.

ANSWER: Martin Van Buren (prompt on "Old Kinderhook")

16. In one painting by this artist, two steps and an arch lead to a copy of Titian's *Rape of Europa* and a goddess disguises herself as an old woman sitting next to Arachne's spinning wheel. This artist of *Las Hilanderas* also included a boy holding a vial as he helps a woman with a bowl that contains two egg yolks. In another painting by him, Justin Nassau gives a man in chainmail a (*) key. This artist of *The Surrender of Breda* included a mirror that reflects the king and the queen in a work depicting the Infanta Margarita. For ten points, name this Spanish court artist for Philip IV who painted the "Maids of Honor" in his *Las Meninas*.

ANSWER: Diego Rodríguez de Silva y Velázquez

17. A so-called “antagonist” to a substance that increases this measure can be called a sartan or an ARB. One mechanism by which this measure is controlled relies on the release of the enzyme renin and the removal of amino acid residues from angiotensin I, preventing conversion into angiotensin II by the ACE inhibitor.

When measuring it with a (*) sphygmometer, an optimum reading of the systolic to diastolic is “120 over 80.” For ten points, name this measure which when too high is referred to as hypertension.

ANSWER: blood pressure

18. While not Greece, this island contains a Mount Ossa, which lies within its Cradle Mountain-Lake St Clair National Park. It governs Macquarie Island, and Wollongong lies on a large sea to its northwest with a very similar name. This island’s second largest city is (*) Launceston and it was originally named for its discoverer’s financier, Anthony van Diemen. Lying within the Roaring Forties, it is separated from a much larger landmass to its north by the Bass Strait. For ten points, name this island south of the Australian state of Victoria with capital at Hobart, known for its namesake “devils.”

ANSWER: Tasmania

19. This phenomenon is used to create a so-called “optical molasses” when atoms absorb photons from an oncoming laser. That application of it is used to create Bose-Einstein condensates by its namesake “cooling.” Relativistically, this effect shows that a certain quantity changes by a factor of the square root of one plus beta over one minus beta. General relativity was confirmed by (*) Pound and Rebka’s experiment demonstrating it, which can result in either blueshifts or redshifts. It occurs when the velocity of the source is not the same as the velocity of the observer. For ten points, name this effect which causes car sirens to increase in pitch.

ANSWER: Doppler effect (or Doppler shift; or Doppler cooling before mention)

20. A failed coup d’état in this country included the delivering of the “Directive of Soldiers” on the NHK during the last stages of the February 26th Incident. During World War II, this country maintained a weapons testing facility called Unit 731. The forces of this country were routed during Carlson’s patrol, part of the defeat of this nation in the (*) Guadalcanal campaign. One leader of this country delivered the Jewel Voice Broadcast after an operation undertaken by the planes Little Boy and Fat Man. For ten points, name this Asian nation which during World War II was led by Hirohito.

ANSWER: Japan (or Nippon or Nihon; accept “Empire of Japan”)

YOU HAVE REACHED THE END OF THE ROUND. DO NOT GO ON TO TOSSUP 21 UNLESS THERE IS A TIE

21. This novel begins with one character remarking that a game of dominoes never begins. Another character in this work states that “All Europe contributed to making” the antagonist. The protagonist in this work meets a Russian wanderer who tells him of the admiration he and the natives have for the (*) antagonist. The events of this novel were inspired by the author’s time in a Belgian trading company. The narrator of this work meets an ivory trader on the Congo River, who later whispers “The horror! The horror!” as he dies. For ten points, name this novella by Joseph Conrad about the riverboat captain Marlow and Mistah Kurtz.

ANSWER: Heart of Darkness

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Round 13- Bonuses

1. For ten points each, name these things which contributed to the Industrial Revolution in America:

[10] This brainchild of New York governor DeWitt Clinton linked Buffalo and Albany and allowed for the easy transport of goods through the northeast.

ANSWER: Erie Canal

[10] Under this system, people produced goods at home and were paid by merchants for the completed good. It divided labor and allowed unskilled workers to find jobs.

ANSWER: putting-out system

[10] In 1789, this English industrialist brought textile designs to America and shared them with Moses Brown and William Almy in Rhode Island, jumpstarting the textile industry in America.

ANSWER: Samuel Slater

2. The equipartition theorem states that each degree of freedom contributes one-half times temperature times this constant to an ideal gas' energy. For ten points each:

[10] Name this eponymous constant symbolized k, which relates a system's entropy to the logarithm of its number of microstates.

ANSWER: Boltzmann's constant

[10] Boltzmann's constant is equal to the quotient of the gas constant and this other constant, which measures the number of atoms in twelve grams of carbon twelve. It's approximately 6.02 times 10 to the 23rd power.

ANSWER: Avogadro's number

[10] Avogadro's number times the elementary charge yields this third eponymous constant, which is the charge on a mole of electrons. Equal to about 96,500, it's named for a British chemist who developed laws of electrolysis.

ANSWER: Faraday's constant

3. The fourth chapter of this work discusses Alexander the Great's successors and how they were able to maintain an empire. For ten points each:

[10] Name this 16th century political treatise which focuses on how the title figure should rule his lands. It asserts that it is better for a leader to be feared than loved.

ANSWER: *The* Prince [or *Il Principe*]

[10] *The Prince* is the most famous political work by this Italian philosopher.

ANSWER: Niccolò di Bernardo dei Machiavelli

[10] Chapter 23 of Machiavelli's *The Prince* deals with avoiding these types of people because men fall complacent. To avoid these people, Machiavelli suggests saying that the truth does not offend the prince.

ANSWER: flatterers [or equivalents like "people who flatter"]

4. For ten points each, name these geographical features related to South American ports.

[10] The cities of Barranquilla, Maracaibo, and Caracas all lie on this large body of water north of the South American continent. Its deepest point lies farther north at the Cayman Trough.

ANSWER: Caribbean Sea

[10] The port of Buenos Aires lies on this estuary that some geographers regard as the widest river in the world. The mouth of the Paraná is located on this river, and Uruguay's Punta del Este is one marker of its eastern extent.

ANSWER: Río de la Plata

[10] The most populous city in Ecuador is this port that lies on a namesake gulf. It is located southwest of Quito, and Ecuador's most important river is a similarly named body that begins between this city and Durán.

ANSWER: Santiago de Guayaquil

5. For an object placed in a cyclotron, this relationship equals the product of radius of the path and the magnetic field, divided by initial velocity. For ten points each:

[10] Name this compound quantity, which is used to identify the fragments ions in mass spectroscopy. This ratio between two fundamental quantities can be measured in Thomson's.

ANSWER: mass-to-charge ratio (accept same-knowledge equivalents which mention both mass and charge, in any order, but must have both to earn points; accept mass over charge or mathematical equivalents; do not prompt on partial)

[10] Thomson first calculated the mass-charge ratio for this particle in a cathode ray tube. This elementary particle has the same charge as a proton but is about one ten-thousandth the mass.

ANSWER: electron

[10] Mass spectrometers rely on the fact that the magnetic force on a charged particle is this inward directed one, which, for objects in uniform circular motion, has a magnitude equal to mass times velocity squared over radius.

ANSWER: centripetal force

6. A red silk purse in this novel contains a giant diamond. For ten points each:

[10] Name this novel in which Edmond Dantes is imprisoned after people from his ship frame him for treason. The protagonist of this work is told about a treasure by the Abbé Faria.

ANSWER: *The* Count of Monte Cristo [or *Le* Comte de Monte-Cristo]

[10] *The Count of Monte Cristo* was written by this French author, who also wrote about the trio Athos, Porthos, and Aramis in *The Three Musketeers*.

ANSWER: Alexandre Dumas

[10] In *The Count of Monte Cristo*, this baron on Edmond Dantes's ship is the one who comes up with the idea to frame Dantes for treason. This character also attempts to sell his daughter, Eugenie.

ANSWER: Baron Danglars

7. For ten point each, answer these questions about 1848 Europe:

[10] In this country, the "twelve points" were demanded by Lajos Kossuth and other participants before two cities were put under martial law. Those two cities in this nation later combined to become Budapest.

ANSWER: Hungary

[10] In the 1848 Revolution in France, this constitutional monarch's reign was brought to an end during the "June Days." In 1830, this "citizen king" replaced Charles X.

ANSWER: Louis-Philippe I

[10] Great Britain was faced with the rise of this movement, whose members demanded secret ballots and annual Parliamentary elections as part of six reforms of the English political system.

ANSWER: Chartism [accept word forms like "Chartists"]

8. In one painting by this artist, Adolfo Maugard looks down at a busy city with a Ferris wheel in the background. For ten points each:

[10] Name this 20th century painter who also depicted four clocks inside of a crystal ball in his work *Man, Controller of the Universe*.

ANSWER: Diego **Rivera**

[10] Diego Rivera was a communist Mexican artist famous for painting these types of works most often done on a wall. They are similar to frescoes.

ANSWER: **murals**

[10] In this Diego Rivera painting, a man wearing a yellow sombrero holds a large basket filled with pink clusters on his back and is helped by a woman in a skirt.

ANSWER: *The **Flower Carrier*** [or ***Cargador de flores***]

9. One character in a novel by this author angrily tells a crowd to quiet down while she watches *Lucia di Lamermoor*. For ten points each:

[10] Name this English author who wrote about the Herriton's' attempts to bring back an infant to England in his novel *Where Angels Fear to Tread*.

ANSWER: Edward Morgan **Forster**

[10] In this E.M. Forster novel, an Indian physician meets a woman at a mosque, but is later accused of raping Adela Quested in a cave.

ANSWER: A **Passage to India**

[10] In *A Passage to India*, this is the name of the Indian physician who is accused of raping Adela Quested.

ANSWER: Dr. **Aziz**

10. Along with his partner, this scientist discovered that new strains of *Neurospora* needed arginine to reproduce. For ten points each:

[10] Name this American biologist who, along with his Nobel Prize sharing partner, Edward Tatum, formulated the *one gene-one enzyme hypothesis*.

ANSWER: George **Beadle**

[10] George Beadle worked with both *Neurospora* and *Drosophila*, two examples of these organisms that are often studied in order to understand other organisms.

ANSWER: **model** organisms

[10] During the Beadle and Tatum experiment, the mutated strains of *Neurospora* could not thrive on a minimal medium, meaning they needed to consume the twenty common types of these substances.

ANSWER: **amino acids**

11. To commemorate fifty years of James Bond and the release of *Skyfall*, name these villains he has faced during his illustrious career for ten points each:

[10] This head of SPECTRE appeared in *From Russia With Love* and *You Only Live Twice*, among others. He is most famously shown stroking his white cat.

ANSWER: Ernst Stavro **Blofeld** [accept **Number 1**]

[10] This Bond villain plans Operation Grand Slam and states that "No, Mr. Bond, I expect you to die!" in his namesake film. He often uses his manservant Oddjob to do his dirty work.

ANSWER: Auric **Goldfinger**

[10] Perhaps the largest of all Bond foes, this metal-mouthed giant appears as Karl Stromberg's henchman and kills a shark with his teeth in *The Spy Who Loved Me* before reappearing in *Moonraker*.

ANSWER: **Jaws**

12. This piece was inspired by a poem by Symbolist poet Paul Verlaine. For ten points each:

[10] Name this third movement of a certain French composer's *Suite bergamasque*. It is meant to evoke the image of a moon.

ANSWER: Claire de lune

[10] "Claire de lune" is a piano piece by this 19th century French composer, who is also known for poking fun at Wagner's *Tristan und Isolde* in his *Golliwog's Cakewalk*.

ANSWER: Claude-Achille Debussy

[10] Debussy prominently made use of fifth chords to depict church bells in *The Sunken Cathedral*, one of the twelve works in this set of Debussy piano pieces.

ANSWER: Préludes

13. The protagonist of this play fails to recite the Ten Commandments when asked to do so. For ten points each:

[10] Name this drama which begins with Betty Parris lying sick in her bed. In this play, a man named John Proctor is accused of witchcraft by Abigail Williams and is eventually killed.

ANSWER: *The* Crucible

[10] *The Crucible* was written in response to the McCarthy trials against communism by this American playwright. Willy Loman dies in a car crash in this author's play *Death of a Salesman*.

ANSWER: Arthur Asher Miller

[10] This character in *The Crucible* is pressed by stones at the end of the play when he refuses to decide upon a verdict. He is also scared that Thomas Putnam is vying for his property.

ANSWER: Giles Corey [accept either]

14. A group known as La Trinitaria helped to earn this country's independence. For ten points each:

[10] Name this Caribbean nation founded by Juan Pablo Duarte after winning freedom from its western neighbor, Haiti.

ANSWER: Dominican Republic [or República Dominicana]

[10] This man, nicknamed "El Jefe," ruled the Dominican Republic for more than thirty years in the 20th century. This man ordered his military to wipe out thousands of Haitians in the Parsley massacre.

ANSWER: Rafael Leonidas Trujillo Molina

[10] Rafael Trujillo's rule was opposed by a trio of sisters with this last name until they were assassinated by his troops. They are the subject of Julia Alvarez's book *In the Time of the Butterflies*.

ANSWER: Mirabal sisters

15. The second stanza of this poem describes "One shade the more, one ray the less/Had half impaired the namesake grace." For ten points each:

[10] Name this poem about a subject who has a heart "whose love is innocent!" The title of this poem is compared to the "night/Of cloudless climes and starry skies."

ANSWER: "She Walks in Beauty"

[10] "She Walks in Beauty" is a poem by this English Romantic poet, who also reversed the story of a womanizer in his epic poem *Don Juan* [pr. Don Joo-an].

ANSWER: (Lord) George Gordon Byron, 6th Baron Byron

[10] This Byron narrative poem was written while he was at Kinsham and begins with a section dedicated to Ianthe. It follows the adventures of a man bored with the world as he explores foreign lands.

ANSWER: Childe Harold's Pilgrimage

16. This process is regulated by in eukaryotic cells by proteins called cyclins. For ten points each:

[10] Name this process which for eukaryotic cells is divided into interphase and mitosis. It includes the S, or synthesis, phase.

ANSWER: **cell cycle**

[10] The cell cycle is marked by these important control points where stop and go-ahead signals regulate the cycle. Three of them are the G1, G2, and M phases.

ANSWER: **checkpoints**

[10] The cell cycle is driven by these substances, which are attached to certain proteins whose concentrations determine their activity. The maturation-promoting-factor is an example of one of these.

ANSWER: **cyclin-dependent kinases** [accept **Cdks**; prompt on “kinases”]

17. An extremist group of people of this ethnic group was known as the Akazu. For ten points each:

[10] Name this ethnic group which comprises the majority of a certain African nation. In 1994, many members of this ethnic group massacred the minority Tutsis.

ANSWER: **Hutus**

[10] The Hutus and Tutsis engaged in a bloody civil war in this African nation.

ANSWER: Republic of **Rwanda**

[10] A large cause of the Rwandan genocide was the assassination of this then Hutu President of Rwanda. While on a plane with Burundian president Cyprien Ntaryamira, his plane was shot down.

ANSWER: Juvénal **Habyarimana**

18. One section of this part of a larger work shows Jesus giving Mary a blue crown during a coronation. For ten points each:

[10] Name this façade which features stone tortoises at the bottom of each of its columns. This section of a still-uncompleted Spanish cathedral was its first completed façade.

ANSWER: **Nativity** Facade

[10] The Sagrada Familia is located in this Spanish city, also home to the *Park Guell*.

ANSWER: **Barcelona**, Spain

[10] The *Sagrada Familia* was designed by this Spanish-born architect.

ANSWER: Antoni **Gaudí** i Cornet

19. One of these people was punished for having intercourse with a cloud by being forever tied to a burning wheel. For ten points each:

[10] Name this race of people from Thessaly which included Ixion. They are best remembered for fighting their greatest foes after one of those foes attempted to rape a bride at a wedding.

ANSWER: **Lapiths**

[10] The Lapiths lost their member Caeneus [pr. KAY-nee-us] after he was killed by members of this half-human, half-horse race during a wedding. A particularly wise member of this race was named Chiron.

ANSWER: **Centaurs**

[10] The Centaurs crashed the wedding of the Lapith Pirithous, who in another story was saved from Hades by this figure. In another story, this son of Aegeus abandoned his lover on Naxos.

ANSWER: **Theseus**

20. After one character repeats this word five times, his friend compares the laws of probability to six monkeys thrown up in the air. For ten points each:

[10] Name this word repeated multiple times in a 1966 absurdist play. After saying this word an eerily frequent number of times, one character based on *Hamlet* ponders about the absurdity of life with Rosencrantz.

ANSWER: “Heads”

[10] A coin flip comes up heads too many times in *Rosencrantz and Guildenstern are Dead*, a postmodern twist by this 20th century English author.

ANSWER: Tom Stoppard

[10] Rosencrantz’s thoughts of the absurdity of life can be classified into this philosophical movement. A French proponent of this movement was Jean-Paul Sartre.

ANSWER: Existentialism [accept word forms like “existentialist”]

21. In a drugstore, this man agreed with George Rappalyea to start what he is most famous for. For ten points each:

[10] Name this teacher from Dayton, Tennessee who was the subject of a prosecution for teaching evolution in school, starting a namesake “monkey trial.”

ANSWER: John Scopes

[10] One of the more prominent members of the prosecution team during the trial was this Nebraska politician. He earlier resigned as Woodrow Wilson’s Secretary of State after the sinking of the Lusitania.

ANSWER: William Jennings Bryan

[10] The Scopes Trial was covered by this columnist, who said that Bryan had turned himself into a “fundamentalist Pope” after delivering the “Cross of Gold Speech.” He was nicknamed the “Sage of Baltimore.”

ANSWER: Henry Louis Mencken