COLLABORATIVE ACADEMIC SPRING TOURNAMENT 2019

Edited by Alston Boyd, Eric Mukherjee, Jacob O'Rourke, Jakob Myers, Kai Smith, and Olivia Lamberti.
Written by Akshay Govindan, Arjun Nageswaran, Deepak Moparthi, Eric Mukherjee, Geoffrey Chen, Govind Prabhakar, Jacob Augelli, Jakob Myers, Moses Schindler, Noah Sheidlower, Olivia Lamberti, Raj Paul, Vishwa Shanmugam, and William Golden.

PACKET 7 TOSSUPS

1. **This school of philosophy attributed a seminal principle, or *logos spermatikos* ("LOH-gos sper-MAH-tee-KOHS") , to matter capable of generating new matter. This school's idea that the universe is cyclically destroyed by fire is known as "ekpyrosis" ("ek-pie-ROH-sis") and was put forth by a disciple of Cleanthes ("clee-AN-theez"). Another philosopher from this school had his *Discourses* transcribed by Arrian. That man,** (*) Epictetus ("EP-ik-TEE-tus"), described how to control one's ability to give assent to impressions, or "prohairesis" ("pro-hi-REE-sis"), to remain unaffected by "things indifferent." Zeno of Citium ("SIH-tee-um") founded, for 10 points, what Ancient Greek philosophical school, taken up by Romans like Marcus Aurelius ("aw-REE-lee-us"), that lends its name to an adjective meaning "impassive?"
ANSWER: **Stoic**ism <JA>

2. **A person of this ethnicity who fled the 1906 San Francisco earthquake founded Bank of America. A mayor of this ethnicity nicknamed "the Little Flower" names an act banning yellow-dog contracts with George Norris. Members of the Commission are typically of this ethnicity, including the heads of the Five** (*) Families. In 1921, workers at a shoe factory in Braintree, Massachusetts were allegedly killed by two people of this ethnicity who were executed on flimsy evidence. Organized crime was dominated by people of this ethnicity with the surnames Gambino and Genovese. For 10 points, name this ethnicity of many Mafia members who emigrated from Sicily.
ANSWER: **Italian**-Americans <WG>

3. **This man's concept of "A Fireproof House for $5,000" inspired his design for the Stephen M. B. Hunt house. In 1948, this man designed an extension for the Rosenbaum house, which was modeled on an earlier residence he built for the Jacobs family. This architect included a "taproot core" and "lily-pad columns" in his design for the Johnson Wax Headquarters, which he completed in his studio at (*)** Taliesin ("TA-lee-ES-in"). This creator of the Usonian style is most famous for designing a cantilevered home that sits over a cascade in southwest Pennsylvania. For 10 points, name this Prairie School architect of Fallingwater.
ANSWER: Frank Lloyd **Wright** <JA>

4. **In one novel by this author, Captain Brierly mysteriously commits suicide after sitting in on the trial of the title character, who falls in love with the half-native woman Jewel. One character created by this author meets a Russian "harlequin" after a group of natives attacks his steamboat. In another work, that character helps a former crewman on the (*)** *Patna* find work in Patusan. In one novel by this author, a note stating "Exterminate all the brutes!" is written by Kurtz, who trades ivory along the Congo. For 10 points, name this Polish-British author who wrote about Marlow in *Lord Jim* and *Heart of Darkness*.
ANSWER: Joseph **Conrad** [or Jozef Teodor Konrad **Korzeniowski**] <JA>

5. **This value is raised to the power of the integral of a function when calculating the integrating factor for a differential equation. This value is the solution to Steiner's problem, which seeks the value that maximizes x to the power of quantity 1 over x. Because quantity one plus one over n all to the nth power tends to this value, it is the (*)** base of the exponential term used to calculate continuously compounding interest. This number raised to the product of pi and i equals -1. For 10 points, name this transcendental number approximated as 2.718, the base of the natural logarithm.
ANSWER: __e__ [accept __Euler's constant__ before mention] <VS>

6. **After World War II, peasant rebels from this country led the failed Huk Rebellion. Masaharu Homma was executed for his actions in this country. A battle off of the coast of this country was where the first *kamikaze* attacks took place and was the largest naval battle of World War II. Douglas MacArthur's comment "I shall (*)** return" refers to this country, the site of the Battle of Leyte Gulf. The Japanese committed atrocities during a trek of this country's citizens in the Bataan Death March. For 10 points, name this Asian island nation, the site of the earlier Battle of Manila Bay.
ANSWER: The __Philippines__ [or Republic of the __Philippines__] <WG>

7. **Police prevented hippies from setting up a festival in this location in the Battle of the Beanfield. White circles near this place are known as Aubrey holes. Virginia has a replica of this place made out of foam, while Nebraska has one made from upturned cars. Sarsens were possibly transported up the River (*)** Avon to build this landmark in Salisbury Plain. The Wiltshire Plains are the location of this site, which may have been used as a solar calendar when it was built by people in the Neolithic Era. For 10 points, name this circular prehistoric site located in England.
ANSWER: __Stonehenge__ <WG>

8. **In a novel centering on this activity, a failed bet between Sam Simpson and Walt Whammer leads Harriet Bird to shoot the protagonist with a silver bullet. A poem about this activity notes "These are the saddest of all possible words: 'Tinkers to Evers to Chance.'"After a boy who treasured this sport died from leukemia, one character breaks the (*)** windows in his garage. Allie wrote poems in green ink about this sport in *The Catcher in the Rye*, and Roy Hobbs played this sport using "Wonderboy" in Bernard Malamud's *The Natural*. For 10 points, identify this sport, the subject of the poem "Casey at the Bat."
ANSWER: __baseball__ [prompt on sports, ballgame or more specific answers like pitching, batting, or fielding by asking "which sport?" <NS>

9. **The phrase "hayya 'alal-falah" is said two times while in one of these structures. One form of these structures known as *dakhma* can contain pollutants called *nasu*. An attempt to build one of these structures resulted in its constructors being "scattered abroad upon the face of the earth." Muezzins ("myoo-EZ-ins") recite the *adhan* from the** (*) top of one of these structures. Minarets are Islamic examples of these structures, an example of which is used to explain why humans speak different languages. For ten points, name these structures, a Biblical example of which is named for Babel.
ANSWER: __tower__s [accept __minaret__s, __dakhma__, __tower__s of silence, and __Tower__ of Babel all before mention; prompt on mosque with "what part?"] <AG>

10. **The ratio of buoyant forces to this property is given by the Grashof number. For ideal gases, this quantity is proportional to the three-halves power of temperature over reference temperature according to Sutherland's formula. This quantity is linearly proportional to strain rate for Newtonian fluids. The ratio of this quantity's (*)** "dynamic" type to its "kinematic" variety is equal to density. The Reynolds number divides inertial forces and forces due to this quantity. For ten points, name this quantity which measures a fluid's resistance to deformation.
ANSWER: **viscosity** <AG>

11. **This current world leader recently had his ideas declared a separate school of thought from his predecessors. This leader targeted "tigers" in a popular anti-corruption campaign. This leader instituted the Social Credit system to track citizens' attitudes toward his government. This leader faced the Umbrella Revolution in one of his country's territories, and his resemblance to (*)** Winnie the Pooh led to images of the cartoon character being censored in his country. This leader has faced unrest among Muslims in his country's Western province of Xinjiang. For 10 points, name this current leader of China.
ANSWER: **Xi** Jinping <JM>

12. **An essay by Joan Kelly asks whether women had one of these time periods, and a major history of it was written by Jacob Burckhardt. Education during this general time period is discussed in Castiglione's ("CAH-still-YOH-nay's")** *Book of the Courtier*. *Oration on the Dignity of Man* **was written during a revival of interest in (*)** Plato during this period. Other works written during it include *In Praise of Folly* and *The Prince*. The studying of Greek and Roman texts and focus on individualism during this period was a result of humanism. For 10 points, name this historical period which led to advances in the arts and sciences in Italy.
ANSWER: the **Renaissance** [or the Italian **Renaissance**; or "Did Women Have a **Renaissance**"] <WG>

13. **In a novel from this country, a man who sells stolen dogs is sent to a mental hospital before being captured by his own troops for wearing a Russian uniform. In another novel from this country, a postcard reading "Optimism is the opium of the people" is sent to Marketa by Ludvik Jahn. The author of that novel wrote about a dog named (*)** Karenin who dies of cancer in another novel in which a surgeon and a photographer are killed in a car accident. *The Good Soldier Svejk* ("shvike") is from this country, as is a novel that follows Franz, Sabina, Tereza, and Tomas during a 1968 invasion. For 10 points, name this home country of Milan Kundera, whose novel *The Unbearable Lightness of Being* is set during the Prague Spring.
ANSWER: the **Czech Republic** [or **Czechia**; or **Czechoslovakia**] <NS>

14. **A Hokusai print set in Fukagawa depicts Mt. Fuji framed by one of these objects. Although not a road, an André Derain painting set in London centers on one of these objects. James McNeill Whistler's** *Nocturne in Blue and Gold* **depicts one of these objects named for the London district of (*)** Battersea. Another artist painted the Waterloo, Charing Cross, and Westminster examples of these objects during a stay in London. That man, Claude Monet, painted a Japanese one of these objects "Over a Pond of Water Lilies" in his garden at Giverny. For 10 points, identify these structures that span waterways such as the River Thames ('temz").
ANSWER: **bridge**s [accept **footbridge**s] <JA>

15. *R. palustris* and *A. variabilis* break down this compound using a vanadium-containing enzyme. Leghemoglobin ("leg-hemoglobin") is found in organisms which break down this compound, which often uses an enzyme containing an iron-molybdenum ("muh-LIB-duh-num") cofactor. Organisms in the root nodules of legumes break down the strong (*) triple bond holding this molecule together. This compound has a bond-dissociation energy of 942 kilojoules per mole, and is also broken down using an iron catalyst in the Haber ("HAY-ber") process, which produces two molecules of ammonia. For 10 points, name this gas "fixed" by some plants, the most abundant in the atmosphere.
ANSWER: di**nitrogen** [or **N2** or di**nitrogen** gas or diatomic **nitrogen**] <GC>

16. *Description acceptable*. Davy Crockett's opposition to this policy was the reason why he was voted out of the Tennessee legislature. John Ross opposed the signing of an agreement that supported this policy, the Treaty of New Echota ("ee-CHO-tah"). The quote "John Marshall has made his decision, now let him enforce it" refers to the Supreme Court's ruling that this policy was illegal in (*) *Worcester* ("WUH-stir") *v. Georgia*. Andrew Jackson implemented this policy in an 1830 act which led to thousands of people dying on the Trail of Tears. For 10 points, name this policy which resulted in the Five Civilized Tribes making homes west of the Mississippi River.
ANSWER: **Indian removal** [accept **Native American**s, **American Indian**s, or **Amerindian**s for Indian; accept synonyms for removal such as **resettling**, **relocating**, or anything indicated forced to **move location**; accept the **Trail of Tears** before mention; accept more specific tribes like **Cherokee**, **Choctaw**, **Seminole**, **Chickasaw**, or **Creek** for Indians; accept word forms; prompt on removal or synonyms if the answer does not mention Indians] <WG>

17. Tween heartthrob Aaron Carter released a 2001 song titled "That's How I Beat" this person. The singles "I'm Outstanding" and "(I Know I Got) Skillz" were released by this man, who names a video game where he fights monsters using kung-fu. Kendrick Perkins and Javale McGee have been awarded MVP on a TV segment named for this man, who starred as a genie in (*) *Kazaam*. Nicknames of this LSU graduate include "The Diesel" and "The Big Aristotle." He was traded to the Miami Heat in 2004 after feuding with Kobe Bryant. For 10 points, name this large center who won three titles with the Los Angeles Lakers.
ANSWER: Shaquille **O'Neal** [or **Shaq**] <WG>

18. In a play titled for these beings, one character falls in love with Regina, who happens to be his half-sister. In that play titled for these beings, Pastor Manders burns down an orphanage and advises Helen to stay with her syphilitic son Oswald. Peter Quint and Miss Jessel are two of these beings in *The* (*) *Turn of the Screw*. In a book divided into "staves," one of these beings named Jacob Marley warns Ebenezer Scrooge about three more of these creatures. For 10 points, identify these supernatural beings that title a Henrik Ibsen play and haunt characters in *A Christmas Carol*.
ANSWER: **ghost**s [accept **spirit**s, **phantom**s, **specter**s; prompt on dead, accept *Gengangere*] <NS>

19. A composer from this country included a prayer to Mary written on the wall of a Gestapo jail in his *Symphony of Sorrowful Songs*. A composer from this country used 52 strings bowing cacophonously to depict an atomic bomb in *Threnody to the Victims of Hiroshima*. A dance in 3/4 time named for this country includes pieces like "Military" and "Heroic" by a composer who depicted this country in 27 (*) études like "Black Key" and "Torrent." The November Uprising in this country was commemorated in the "Revolutionary" étude. For 10 points, name this home country of Henryk Gorecki ("go-RET-ski"), Krzysztof Penderecki, ("SHISH-toff PEN-der-RET-ski") and Frédéric Chopin ("SHOW-pan") composed many polonaises.
ANSWER: **Poland** [accept **Polska**] <NS>

20. **This quantity for a pure liquid and its value for a mixture are plotted against one another on a Dühring ("DUR-ing") plot. The product of a variable i, molality, and the ebullioscopic ("ebb-YOOL-ee-oh-SKOP-ic") constant is used in calculating the elevation of this quantity by adding a solute, which is a (*)** colligative ("cuh-LIG-uh-tiv") property. The Leidenfrost ("LAY-den-frost") effect occurs when a liquid encounters a region with a value above this quantity. This quantity is the temperature at which vapor pressure equals atmospheric pressure. For 10 points, name this temperature equal to 100 degrees celsius for water.
ANSWER: **boiling point** [or **boiling temperature**] <AG>

PACKET 7 BONUSES

1. A descendant of Ts'ui ("swee") Pen kills Stephen Albert in one of these places to reveal the name of a city which is bombed. For 10 points each:
[10] Name these locations. In another story by the same author, an infinite one consisting of hexagonal rooms is named for "Babel."
ANSWER: **libraries**
[10] This Argentinian author wrote the short stories "The Garden of Forking Paths" and "The Library of Babel." This writer described a point where one could view all other points in "The Aleph."
ANSWER: Jorge Luis **Borges** ("BORE-hess")
[10] In another Borges short story, this character endeavors to "compose the Quixote." This character's literary output includes some "handwritten" poems that "owe their excellence to punctuation."
ANSWER: **Pierre** **Menard** [accept either underlined part] <AG>

2. This organelle is structurally supported by a network of fibrils called lamina ("LAM-uh-nuh"). For 10 points each:
[10] Name this eukaryotic ("you-CARE-ee-oht-ic") organelle which contains DNA. Their envelopes contain pore complexes that allow molecules to move in and out.
ANSWER: **nucleus**
[10] During mitosis, the nucleus disassembles immediately before this phase, in which chromosomes line up in the middle of the cell at this phase's namesake plate.
ANSWER: **metaphase**
[10] Nuclear pores contain disordered proteins with repeats of phenylalanine ("fen-ul-AL-uh-neen") and this other amino acid. This only achiral amino acid has a hydrogen as its side chain.
ANSWER: **glycine** ("GLY-seen") <EM>

3. Answer the following about the Indian state-level politics, for 10 points each,
[10] This largest opposition party to the ruling Bharatiya Janata Party gained control of several state governments in 2018. This party's past leaders have included Jawaharlal Nehru and Indira and Rajiv Gandhi.
ANSWER: Indian National **Congress** [Accept **INC**]
[10] This southwestern state is currently governed by a broad coalition of Communists. A court ordered the Sabarimala Temple in this state to begin admitting women in 2018, but the first women to attempt to enter it were met by a violent mob.
ANSWER: **Kerala**
[10] The state elections of 2018 were widely considered a rebuke to this prime minister of India and leader of the BJP. This leader served as chief minister of Gujarat before becoming Prime Minister.
ANSWER: Narendra **Modi** <JM>

4. In 2016, Radovan Karadžić was found guilty of genocide due to his actions in this country's city of Srebrenica ("sre-bre-nit-sa"). For 10 points each:
[10] Name this eastern European country, whose capital city was besieged by Serbs for almost four years during a 1990s war.
ANSWER: **Bosnia** and Herzegovina ("HURT-say-go-VEE-nah")
[10] Bosnia and Herzegovina broke away from this now-dissolved European country, which also contained modern-day Croatia and Slovenia.
ANSWER: **Yugoslavia**
[10] The Bosnian War ended after a peace agreement was signed in this American city.
ANSWER: **Dayton**, Ohio [or **Dayton** Accords] <WG>

5. Answer the following about various churches within Oriental Orthodox Christianity. For 10 points each:
[10] While it is not the Catholic church, this church is led by a Pope named Tawadros II and is based in the city of Alexandria. This church's followers make up around 10% of the Egyptian population.
ANSWER: **Coptic** Orthodox Church of Alexandria
[10] Karekin II serves as Catholicos of all of these people and leads their namesake Apostolic Church. This church was the first Christian church established as the official religion of its state, for which it is named.
ANSWER: **Armenian**s
[10] The Malankara Orthodox Syrian Church is based in this country, which was visited by Saint Thomas the Apostle in 52 C.E. The Portuguese Inquisition targeted the Hindus and Muslims of Goa in this country.
ANSWER: **India** [or Republic of **India**; or **Bhārat Gaṇarājya**] <GP>

6. This novel takes place during the Year of the Depend Adult Undergarment. For 10 points each:
[10] Name this David Foster Wallace novel which features "the Entertainment," a film which obsesses anyone who watches it, created by James Incandenza.
ANSWER: *__Infinite Jest__*
[10] *Infinite Jest* takes its title from this Shakespeare drama itself titled for a prince of Denmark.
ANSWER: *__Hamlet__*
[10] David Foster Wallace, author of *Infinite Jest*, also wrote this essay, which debunks that the title animal needs a cerebral cortex to suffer and questions whether its moral to eat it.
ANSWER: "**Consider the Lobster"** <GC>

7. Answer some questions about how chemical systems reach stability, for 10 points each:
[10] Systems prefer to be in this general state of balance, in which the rate of the forward reaction equals the rate of the reverse reaction. This state has a constant symbolized uppercase K.
ANSWER: **equilibrium**
[10] In the Jahn-Teller ("YAHN TELL-er") effect, molecules may undergo conformational changes to remove this property, in which multiple electrons exist at the same energy level.
ANSWER: **degenerate** [accept word forms such as **degeneracy**]
[10] This principle named for a French chemist states that systems will counteract changes which push them away from equilibrium. Those changes either result in equilibrium "moving" to the right or left hand side of the reaction.
ANSWER: **Le Chatelier**'s ("luh shaht-lee-AY's") principle <AG>

8. A famous piece for this instrument and orchestra titled *Harold in Italy* was written at the request of Niccolò Paganini. For 10 points each:
[10] Name this string instrument with a lower pitch than the violin.
ANSWER: **viola**
[10] Der Schwanendreher ("SHVA-nen-dray-rer") , a viola concerto, is a piece by this other composer who composed *Symphonic Metamorphosis of Themes by Carl Maria von Weber*. The *Isenheim Altarpiece* inspired his opera *Mathis der Maler*.
ANSWER: Paul **Hindemith**
[10] Tibor Serly edited and completed an unfinished viola concerto by this Hungarian who wrote *Mikrokosmos* ("MEEK-row-cose-mose") and a *Concerto for Orchestra.*
ANSWER: Béla **Bartók** [or Béla Viktor János **Bartók**] <NS>

9. Susanna Dickinson was kept alive in order to identify the bodies after a siege on this building. For 10 points each:
[10] Name this San Antonio mission besieged by the Mexicans. Calls to "remember" this place became rallying cries for Texans seeking independence.
ANSWER: the **Alamo** [or "Remember the **Alamo**!"]
[10] This general led the Mexicans during the Battle of the Alamo. He served as president of Mexico eleven different times.
ANSWER: Antonio López de **Santa Anna** [or Antonio Lopez de **Santa Anna** Perez de Lebron]
[10] A cry to "Remember" this massacre often followed the phrase "remember the Alamo." Over 400 people were killed in this massacre, including commander James Fannin.
ANSWER: **Goliad** Massacre [or "Remember **Goliad**!"] <WG>

10. This deity was born wielding the *xiuhcoatl*, which he then used to kill his sister Coyolxauhqui ("koh-yohl-SHAO-kee"). For 10 points each:
[10] Name this war god who was conceived when his mother Coatlicue ("koh-AHT-lee-kway") put a ball of hummingbird feathers underneath her breast.
ANSWER: **Huitzilopochtli** ("WEET-see-loh-POCH-lee")
[10] Huitzilopochtli was the sun and war god of these Mesoamerican peoples. These people believed mankind was created by Quetzalcoatl, whose name translates to "plumed serpent."
ANSWER: **Aztec**s
[10] The Aztecs believed that Huitzilopochtli required nourishment via this gruesome process. This process was often performed atop temples using a flint knife known as a *tecpatl*.
ANSWER: **human sacrifice** [accept reasonable equivalents; prompt on "sacrifice"; accept specific answers referencing the **removal** of the **heart** from a sacrificial victim] <JA>

11. The subject of this poem is described as "my north, my south, my east, my west….my working week and my Sunday rest." For 10 points each:
[10] Name this poem, which asks for policemen to wear "black cotton gloves" in mourning for the death of an unnamed figure.
ANSWER: "**Funeral Blues**"
[10] Funeral Blues was written by this English poet, whose other works include "September 1, 1939" and "Musee des Beaux Arts".
ANSWER: W.H. **Auden** [or Wystan Hugh **Auden**
[10] Auden's poem "Musee des Beaux Arts" considers a Brueghel painting where this mythological figure's death goes virtually unnoticed. This son of Daedalus was killed after flying too close to the Sun with wax-bound wings.
ANSWER: **Icarus** [or *Landscape with the Fall of **Icarus***] <JA>

12. Answer the following about extremely densely populated places on Earth. For 10 points each:
[10] This lake's Migingo Island houses 131 people on just 2,000 meters of land. This largest African lake, named for a British ruler, also acts as a source of the Nile River.
ANSWER: Lake **Victoria**
[10] This city used to contain the densely populated Kowloon Walled City which was torn down in 1993. The island of Ap Lei Chau, the second most densely populated settlement in the world, is part of this city.
ANSWER: **Hong Kong** [or **Xianggang**]
[10] Another fascinating densely populated settlement is Santa Cruz del Islote, which is controlled by this country. Other densely populated cities in this country include Barranquilla and Cali.
ANSWER: Republic of **Colombia** <NS>

13. In this country, one anthropologist analyzed the "webs of significance" using "thick description" in a work centering on men's identification with their opponents during the title event. For 10 points each:
[10] Identify this country, the setting of the essay "Deep Play," which chronicles a cockfight in Bali.
ANSWER: **Indonesia**
[10] This author wrote *The Interpretation of Cultures*. He considered Bali to be a "theatre state" in his book *Negara*.
ANSWER: Clifford **Geertz**
[10] Geertz wrote an essay titled for this concept "as a Cultural System." Emile Durkheim ("durk-HIME") wrote about the "elementary forms" of this concept's "life."
ANSWER: **religion** <NS>

14. Integrating this law with respect to position gives the elastic potential energy as a function of position squared. For 10 points each:
[10] Give this law which calculates the restoring force as negative a constant k times the position x.
ANSWER: **Hooke's** law
[10] Hooke's law describes simple harmonic oscillators, common examples of which are springs and these systems. These systems consist of a weight suspended from a string swinging back and forth.
ANSWER: **pendulum**s
[10] Treating atoms as quantum harmonic oscillators is useful in modeling this quantity as proportional to temperature cubed in the Debye ("dih-BYE") model. This quantity multiples mass and change in temperature when calculating the heat needed to raise a substance to a certain temperature.
ANSWER: **specific heat** [or specific **heat capacity**; accept **c**] <AG>

15. In this song's traditional version, a woman asks a man to buy an acre of land for her "for then he'll be a true love of mine." For 10 points each:
[10] Name this English folk song which mentions "parsley, sage, rosemary, and thyme" and asks "are you going to" the title place.
ANSWER: "**Scarborough Fair**"
[10] This musical duo recorded a version of "Scarborough Fair" that paired it with the song "Canticle." Their other songs include "Mrs. Robinson" and "Bridge over Troubled Water."
ANSWER: **Simon and Garfunkel** [or Paul **Simon** and Art **Garfunkel**; or Paul Frederic **Simon** and Arthur Ira **Garfunkel**]
[10] Henry VIII ("the eighth") is sometimes credited with writing this traditional English folk song in order to woo Anne Boleyn. Ralph Vaughan Williams wrote a "Fantasia on" it, and it shares the same melody as the Christmas carol "What Child is This?"
ANSWER: "**Greensleeves**" <WG>

16. Answer the following about post-colonial movements in Africa, for 10 points each:
[10] This country was created after the Bush War, which saw the ZANU defeat the government of Ian Smith. It would be led by Robert Mugabe from 1980 until his eventual overthrow in 2017.
ANSWER: **Zimbabwe**
[10] This former Belgian colony's namesake crisis involved the execution of Prime Minister Patrice Lumumba. Lumumba's successor, Mobutu Sese Seko, would name this country Zaire.
ANSWER: **Democratic Republic of the Congo**
[10] Another assassinated leader was Thomas Sankara, the Marxist President of this country. Among his reforms including changing this country's name from Upper Volta to a name meaning "Land of Upright Man."
ANSWER: **Burkina Faso** <AN>

17. A riot broke out after the 1907 premiere of this play at the Abbey Theater. For 10 points each:
[10] Name this J.M. Synge play about Christy Mahon, who claims to have murdered his father, winning him the love of Pegeen Mike.
ANSWER: The **Playboy of the Western World**
[10] In one scene, Christy Mahon wins a race on one of these animals. Sancho Panza rides Dapple, one of these animals.
ANSWER: **donkey** [accept equivalents like **ass**]
[10] J.M. Synge is an author from this country. This country was also home to Jonathan Swift and Sean O'Casey.
ANSWER: **Ireland** <GC>

18. Full-stack developers are in high demand, because they possess the following skills. For 10 points each:
[10] This "end" of developing requires UI/UX design and is what the user sees. HTML and CSS are heavily used in this "end" of software development.
ANSWER: **front**-end
[10] Back-end, on the other hand, can use a model named for clients and these objects. The client can request data from one of these objects which processes and returns that information over an internet connection.
ANSWER: **servers**
[10] This query-based programming language used to manage relational databases is essential in back-end. Programs for non-relational databases like MongoDB are described by prefixing this language's name with "No".
ANSWER: **SQL** [accept **Structured Query Language**, can be pronounced "sequel"] <DM>

19. These figures are often depicted in statuary with five legs, and explicitly male versions of them are known as *shedu*. For 10 points each:
[10] Name these Mesopotamian protective deities, who took the form of a winged bull with a bearded human head.
ANSWER: **lamassu** figures
[10] Lamassu figures once adorned the gates of Nineveh, the Assyrian capital city, which is on the eastern bank of this river. This river allegedly ran black with ink after the Mongols sacked Baghdad.
ANSWER: **Tigris** River
[10] One of the last surviving lamassu in Nineveh was literally de-faced by members of this group in 2015. This terrorist group is led by Abu Bakr al-Baghdadi and is active in large parts of Iraq and Syria.
ANSWER: **I**slamic **S**tate of Iraq and Syria [or **I**slamic **S**tate of Iraq and the Levant; or **ISIS**; or **ISIL**; or **Daesh**]
<JA>

20. This artist was commissioned by Cardinal Stefaneschi to create a triptych for one of the altars of Old St. Peter's Basilica. For 10 points each:
[10] Identify this early Italian artist who included *Kiss of Judas* and his version of Lamentation on the blue ceilings of the Arena Chapel commissioned by Reginaldo Scrovegni ("scroh-VEY-nee").
ANSWER: **Giotto** di **Bondone** [accept either underlined portion]
[10] Giotto created a fresco depicting this scene for the Scrovegni Chapel. Michelangelo's version of this scene features a self-portrait with flayed skin and is found on the altar wall of the Sistine Chapel.
ANSWER: The **Last Judgment**
[10] Giotto's rival Duccio created his masterpiece *Maesta* whose background is made from the "leaf" of this material. This precious metal was used for many halos from the Sienese Art School.
ANSWER: **gold** leaf <NS>