PACKET 03:

TOSSUPS:

1. **This state celebrates the holiday of Juneteenth in honor of its abolition of slavery. Mirabeau Lamar was the second leader of this state, and one leader of this state used the rally cry "Remember Goliad." This state signed the Treaty of (*)** Velasco after the Battle of San Jacinto in order to end a war with its southern neighbor, which was led by Santa Anna. FTP, name this state whose cause for independence from Mexico was championed by Sam Houston.
ANSWER: Texas [GP/HP]

2. **The reservoir type of these devices smooths DC current from AC rectifiers. These devices stop working once they reach a breakdown voltage. They generally include an insulator called a dielectric between two conductors in the common parallel (*)** plates version. Early examples of these include Leyden jars. Their strength is equal to charge over electric potential difference and is measured in farads. FTP, name these circuit devices that store charge.
ANSWER: Capacitors (accept **condensers**)

3. **This artist painted *Daubigny's Garden* and *Wheatfield with Crows* in his later years. He painted a foxglove plant and two books on a table in front of Dr. Gachet. A woman pours coffee as a family of five sits to eat in his *The (*) Potato Eaters*.** This artist's most famous painting features a large cypress tree in Saint-Remy-de-Provence, above which is a swirling blue sky and a large crescent moon. FTP, name this Dutch painter of *Starry Night*.
ANSWER: Vincent **van Gogh** [RM]

4. **One native of this country wrote of five men "all...sleeping on the hill." Another poet wrote about a bird being a "small part of the pantomime" in a poem which looks at that bird in thirteen ways. Lawrence Ferlinghetti published many of this nation's (*)** Beat poets. Another poet from this country wrote epics about Miles Standish. Hiawatha, and Evangeline. FTP, name this country of Edgar Lee Masters, Wallace Stevens, and Henry Wadsworth Longfellow.
ANSWER: United States of America (accept **U.S.(**A.), accept **America**) [CS]

5. **For a decade, the wizard Ollerus usurped this deity's position. This deity gave up one of his eyes to gain wisdom from Mimir's well, and this god owns Hlidskjalf [LID-ski-olf], from which he can see the whole universe. This deity hung from (*)** Yggdrasil [IGG-dras-ill] for nine days to gain more knowledge, and he rides the 8-legged horse Sleipnir [SLAYP-neer]. FTP, name this god destined to be killed at Ragnarok by Fenrir, the chief god of the Norse pantheon.
ANSWER: **Odin** (accept **Wotan**, **Wodan**, or **Wuotan**) [SM]

6. **In this country, "The Squad" assassinated members of the Cairo Gang. Arthur Griffin founded a party here whose name translates to "we ourselves," and Charles Parnell argued for its independence. Armed insurrections in this country included the (*)** Easter Rising, and during this country's Black and Tan War the RIC and the IRA fought over "home rule." FTP, what island country is now self-governed from Dublin?

ANSWER: Republic of **Ireland** (accept **Eire** [AI-ruh] or **Poblacht na hÉireann**, do not accept or prompt on "Northern Ireland") [Arthur Griffin founded Ireland's Sinn Fein [SHINN FAYN] party] [GP/CS]

7. **Marajo [Muh-RA-ho] Island is situated in this river's delta. This river's inland port of Iquitos was the headquarters of a large rubber company, and one of its possible sources is Nevado Mismi. Tributaries of this river include the (*)** Madeira, Ucayali, and Negro, which meets this river at Manaus. This river is home to its namesake river dolphin and piranha. FTP, name this South American river which flows through Brazil as well as the largest rainforest in the world.

ANSWER: **Amazon** River [PP]

8. **A sign of infection by this virus is Kaposi's sarcoma. The fusogen gp41 is exposed when gp120 on this virus binds to a host cell, and this virus enters the cell using CCR5 receptors. The medication Zidovudine combats this virus by inhibiting its (*)** reverse transcriptase, and is also known as AZT. This virus infects CD4+ receptors in helper T cells to weaken the immune system. FTP, name this lentivirus that causes AIDS.

ANSWER: **HIV** (or "**Human Immunodeficiency** Virus;" prompt generously on "AIDS virus" but do not accept "Acquired Immunodeficiency Syndrome" or "AIDS" since the question asks for the virus, not the condition) [RM]

9. **In this novel's sequel, *No Longer at Ease*, Obi moves to England for education and is caught taking bribes. This novel's protagonist frets over his *chi*, drinks palm wine from a severed head, resents his effeminate flute-playing father, and reminisces about (*)** wrestling a man known as "The Cat." The main character's gun explodes at Ezeudu's funeral, leading to his exile, and the protagonist also kills his "adopted son" Ikemefuna. FTP, name this novel about Okonkwo, written by Chinua Achebe [ah-CHAY-bay].

ANSWER: *Things Fall Apart* [CS]

10. **The FOXP2 gene is physiologically correlated to these systems, the subjects of the "ding-dong" and "pooh-pooh" theories. J L Austin philosophized their "ordinary" type. Wittgenstein's "beetle- in-a-box" argues that "private" ones are incoherent.(*)** Grimm's Law applies to shifts from Proto-Indo-European to Proto-Germanic examples of these. Tolkien's Quenya and Zamenhof's Esperanto are"constructed" ones of these. FTP, Saussure studied what systems, such as Arabic, Latin and English?

ANSWER: **Language**s

11. Following this event, Gabriel Picardo expressed fears of a Spanish advance on one territory. The "Great Repeal Bill" was proposed after this event, which invoked Article 50 of the Lisbon Treaty. Jo Cox was assassinated for her (*) opposition to this event. David Cameron resigned after this event, and its campaign was led by Nigel Farage and the UK Independence Party. FTP, name this 2016 event in which the United Kingdom left the European Union.

ANSWER: **Brexit** (Accept "UK leaving the EU" or similar descriptions before the giveaway) [PP]

12. Liszt's only work in this genre is in B minor. Prokofiev wrote "War" ones, and Ives wrote a "Concord" one. The first movement of one of these works opens with a polyrhythm allegedly borrowed from Don Giovanni. That adagio sostenuto movement is to be played (*) "without dampers," though modern players do so; that piece is nicknamed after a Lake Lucerne phenomenon. FTP, name this genre of Beethoven's "Moonlight."

ANSWER: **Piano Sonata** (prompt on "piano work" or "sonata"; prompt on "Sonata in B minor;" prompt on "War Sonata;" prompt on "Concord Sonata") [CS]

13. One type of this process is named for Karl Fischer. The Henderson-Hasselbach equation reduces to pH = pKa at the halfway point in this process. Rather than a steep change in slope, a notable inflection point appears on graphs for the weak (*) acid-weak base type of this process. Liquid is dripped from a buret **[byoo-RET]** to an analyte in this process. FTP, name this process that often uses phenolphthalein [FEE-nul-THAY-leen] as an indicator of pH change in a solution.

ANSWER: **Titration** [SM]

14. One figure in this religion ate powdered mica to become immortal; that figure is the only woman of this religion's Eight Immortals. A thinker of this religion pondered whether he was a man dreaming a butterfly, or vice versa. Its Three Pure Ones include the (*) Jade Emperor. It promotes action through inaction or *wu wei*, and it is often symbolized by the yin-yang. FTP, name this religion founded by Lao Tzu.

ANSWER: **Dao**ism (or **Tao**ism; prompt on "the way") [CS]

15. In one of this author's works, Helene tells Pastor Manders she will build an orphanage, and in another, Peer is caught by the Button Molder, saved by Solveig **[SOL-vay]**, and marries the Troll King's Daughter. This author of *Ghosts* and *Peer* (*) *Gynt* is more famous for a play in which Krogstad blackmails Nora Helmer, who slams the door when she leaves her husband Torvald. FTP, name this Norwegian playwright of *A Doll's House.*

ANSWER: Henrik **Ibsen** [CS]

16. **One holder of this position forced John Lackland to appoint Stephen Langdon as Archbishop of Canterbury. Another holder of this position was shot by a member of the Grey Wolves, Mehmet Ali Agca. That man campaigned against (*)** abortion's "culture of death." One holder of this position shouted "God has willed it!" at the Council of Clermont, sparking the First Crusade. FTP, name this highest position in the Catholic Church, currently held by Francis.

ANSWER: <u>Pope</u> (Accept <u>Papacy</u>, <u>Holy See</u>, **or** <u>Bishop of Rome)</u> [GP/HP] [The other popes are Innocent III and John Paul II]

17. **Takotsubo names a stress-induced syndrome of this structure whose function can be measured by the ejection fraction in a test that uses ultrasound waves. The SA node initiates the electrical activity of this organ, which can be characterized by an (*)** EKG. Served by the coronary arteries, this organ is composed of two atria and two ventricles. FTP, name this organ that is responsible for pumping blood throughout the body.

ANSWER: <u>Heart</u> [HM]

18. **This man's general Quintilius Varus suffered a humiliating defeat at the Battle of Teutoburg Forest, and this leader relied on Marcus Agrippa to win two key victories during his rise to power. This man joined with Lepidus and (*)** Marc Antony in the Second Triumvirate, and this man's forces won the Battle of Actium. His reign ushered in the Pax Romana. FTP, name this adopted son of Julius Caesar commonly called the first Roman emperor.

ANSWER: <u>Augustus</u> Caesar (accept <u>Octavian</u>us or Gaius <u>Octavius</u>, prompt "Caesar," do NOT accept "Julius Caesar") [TB]

19. **Quadrilaterals inscribed in these shapes have diagonals whose lengths can be related using Ptolemy's Theorem. The Power of a Point Theorem relates the lengths of segments drawn within these shapes. These shapes are graphed in Cartesian coordinates using the equation (*)** "x-squared plus y-squared equals r-squared". This shape is the locus of all points that are equidistant from a center. FTP, name these conic sections whose area is equal to "pi r-squared".

ANSWER: <u>Circle</u> [SM/HP]

20. **Richard Sympson edited out almost half of one of this man's manuscripts. Some of his acquaintances attempt to teach mathematics by having students eat proposition-laden wafers with "cephalick tincture" in Lagado. Intelligent (*)** man-horses accuse this character of being a Yahoo. This man discovers an island whose inhabitants argue over how to crack an egg and are six inches tall. For ten points, name this Jonathan Swift-created explorer.

ANSWER: <u>Lemuel</u> <u>Gulliver</u> (accept either underlined portion; accept ***Gulliver's Travels***) [CS]

Tiebreaker:

21. **This artist created a bust of Pallas Athena on whose head sits the Parthenon. John the Baptist is depicted armless and headless in this artist's** *The Walking Man.* **One work of his is not on a pedestal, so viewers would feel solidarity with the six figures wearing (*)** nooses, who are *The Burghers of Calais.* FTP, name this French artist accused of casting *The Age of Bronze* from a live model, whose *Gates of Hell* also included *The Kiss* and *The Thinker.*

ANSWER: Auguste **Rodin** [The first work is *Pallas with the Parthenon*] [CS]

BONUSES:

1. For 10 points each, name some female British writers of the 19th century:
[10] This woman wrote *Shirley, Villette, The Professor,* and an unfinished, non-Austen *Emma*. She also wrote about Edward Rochester hiding Bertha Mason in the attic in *Jane Eyre*.
ANSWER: **C**harlotte **Bronte** (accept **C**urrer **Bell** from humorists or sexists; prompt on "Bronte" alone)
[10] This woman wrote the novels *Agnes Grey* and *The Tenant of Wildfell Hall*, but is more famous for being related to her two literary sisters.
ANSWER: **A**nne **Bronte** (accept **A**cton **Bell**, prompt on "Bronte" alone)
[10] This poet wrote of an Italian girl's move to England in *Aurora Leigh*, but is more famous for sonnets like "I thought once how Theocritus had sung" and "How do I love thee? Let me count the ways."
ANSWER: Elizabeth **Barrett** Browning (accept **E**lizabeth **Browning**, but prompt on "Browning" alone)
[CS]

2. Name the following instruments by jazz musicians who played them, for 10 points each:
[10] Charles Mingus recorded "Goodbye Porkpie Hat" and "Fables of Faubus" on this instrument, the lowest string instrument.
ANSWER: (double) **bass**
[10] Buddy Rich and Gene Krupa played this instrument. Max Roach recorded the album *[this percussion instrument] Unlimited*, which he played for Miles Davis and Charlie Parker.
ANSWER: **Drum** set (or **drums**)
[10] Juan Tizol and Kid Ory played this brass instrument, the original solo instrument on Ellington's "Caravan." Glenn Miller recorded "In the Mood" and "Moonlight Serenade" with it.
ANSWER: **Trombone** [CS]

3. These entities are collections of objects, such as polynomials or integers. For 10 points each:
[10] Name this type of entity, which is "empty" when it has no objects in it.
ANSWER: **Set**
[10] This operation on a collection of sets is the set of all elements contained within any of the sets. The notation for this operation is a capital U.
ANSWER: **Union**
[10] This man's namesake paradox states that the set of all sets that do not contain themselves both can and cannot contain itself.
ANSWER: Bertrand **Russell** [RC]

4. Rituals associated with this holiday include *kapparot* [kah-pah-ROWHT], which involves waving a chicken around one's head before donating the chicken to the poor. For 10 points each:
[10] Name this Jewish day of atonement. Other practices associated with this holiday include a fast lasting about 25 hours.
ANSWER: **Yom Kippur**
[10] Historically during Yom Kippur, one of these animals was sacrificed to God while another was burdened with sins of the people and thrown off a cliff. In Matthew, Jesus says he will separate the sheep from these animals.
ANSWER: **goat** [the goat thrown off the cliff is the origin of the term "scapegoat"]

[10] This is the opening prayer for Yom Kippur. This prayer is recited in Aramaic rather than in Hebrew, and its name translates to "all vows."
ANSWER: Kol Nidre [Kol NEED-ray] [TB]

5. In his opinion for this case, Oliver Wendell Holmes established the "clear and present danger" standard for free speech cases. For 10 points each:
[10] Name this 1919 Supreme Court case, which dealt with the Socialist Party of Pennsylvania's attempts to urge men to resist the draft. Holmes's opinion in this case also included the famous example of shouting "Fire" in a crowded theater.
ANSWER: *Schenck* v. U.S.
[10] The Supreme Court case *Tinker v. Des Moines*, which determined that public school students have First Amendment rights, dealt with schoolchildren who wore black armbands as a protest against this war.
ANSWER: Vietnam War
[10] One of the landmark free speech cases in the American colonies dealt with this editor of the *New York Weekly Journal*, who was accused of libel against the governor of New York.
ANSWER: John Peter **Zenger** (accept **Zenger** case, **Zenger** trial, or other clear-knowledge equivalents) [TB/HP]

6. The creation of these structures is called angiogenesis. For 10 points each:
[10] Name these tubes used to transport blood, the primary medium of the circulatory system.
ANSWER: blood vessel(s) (prompt "vessel(s)" alone)
[10] This bicuspid flap structure helps prevent backflow and maintain continuous blood pressure in veins.
ANSWER: valve(s)
[10] This specific type of blood vessel enables direct exchange of oxygen and carbon dioxide. Red blood cells often pass through in single file in these vessels.
ANSWER: capillary or **capillaries** [RM]

7. Name the following children's television shows that 2016 Twitter was fond of, for 10 points each:
[10] A tasteful meme from this show asks "When do they stop tuning their instruments and play the music?" Twitter enjoys depicting its title character clenching his fist before punching his sister DW more.
ANSWER: *Arthur*
[10] This Nickelodeon cartoon has spawned a variety of memes based on Patrick's question "Is mayonnaise an instrument?", as well as some depicting the show's title character as a caveman.
ANSWER: *SpongeBob SquarePants* (prompt on partial title)
[10] This Nickelodeon show about a "boy genius" is the source of many remixes of the title character's dad, who likes to call him "Jimbo." This show's character Carl asking for a "croissant" is very funny.
ANSWER: *Jimmy Neutron* (accept *The **Adventures of Jimmy Neutron**: Boy Genius*)

8. Mario almost falls under the control of the stand-in-for-Hitler Cipolla in this man's *Mario and the Magician*. For 10 points each:
[10] Name this German author who also wrote *Joseph and His Brothers*. His most famous novel concerns Hans Castorp's time in *The Magic Mountain*.
ANSWER: Thomas **Mann** (do not accept "Heinrich Mann")

[10] Gustav von Aschenbach goes to Italy and falls in love with the Polish boy Tadzio in this Mann novella. The title event occurs after Aschenbach eats ripe strawberries on the beach in an Italian city.
ANSWER: _**Death in Venice**_ (or Der _**Tod in Venedig**_)
[10] Hans Castorp suffers in a Swiss sanatorium for this disease in Mann's _The Magic Mountain_. Big Daddy Pollitt also suffers from this disease in _Cat on a Hot Tin Roof_.
ANSWER: **Cancer** [CS]

9. Two scientists co-discovered this element in Germany in 1860. For 10 points each:
[10] Name this alkali metal used in atomic clocks, whose oscillations define the SI unit of time. Its symbol on the periodic table is Cs.
ANSWER: **Cesium**
[10] Cesium was discovered by two scientists, one of which was this man, whose namesake "burner" creates an open flame used for heating samples in labs.
ANSWER: Robert **Bunsen**
[10] Bunsen collaborated with this German physicist, who coined the term "black body" radiation and names an award in spectroscopy with Bunsen.
ANSWER: Gustav **Kirchhoff** [OL]

10. Until September 2015, this woman was the longest-reigning British monarch. For 10 points each:
[10] Name this ruler. She was the final British monarch from the House of Hanover, and she adopted the title "Empress of India" in 1876.
ANSWER: (Alexandrina) **Victoria**
[10] Under Victoria, this palace in London became the primary royal residence. This palace lies on the western end of The Mall, and one of its primary architects was John Nash.
ANSWER: **Buckingham** Palace (or **Buckingham** House)
[10] To date, only Victoria and Queen Elizabeth II have celebrated the "diamond" type of these ceremonies, marking a 60-year reign. Silver and golden varieties of these celebrations are given in the 25th and 50th years of a reign, respectively.
ANSWER: **Jubilee**(s) (accept Diamond, Golden, or Silver **Jubilee**) [TB]

11. The Kagera river flows into this largest African lake by area. For 10 points each:
[10] Name this African Great Lake discovered by John Speke, the first Briton to document it. Entebbe and Kampala, Uganda are situated on this lake.
ANSWER: Lake **Victoria**
[10] John Speke and Richard Francis Burton were on a expedition to locate the source of this river, the site of the Aswan High Dam.
ANSWER: **Nile** River
[10] This tripartite city is located at the confluence of the Blue and White Nile Rivers. It is linked to Omdurman and Bahri by bridges across the Nile.
ANSWER: **Khartoum** [PP]

12. This quantity remains constant in a system in static equilibrium. For 10 points each:

[10] Name this quantity which is the time derivative of velocity. This quantity is directly proportional to force, per Newton's 2nd Law of Motion.
ANSWER: Acceleration
[10] This term refers to an object's resistance to a change motion. Reference frames described by this term are ones where no forces are acting on the objects.
ANSWER: Inertia (do NOT accept "Non-Inertial")
[10] This man discovered that objects on Earth accelerated at the same rate by dropping two cannonballs of different masses from the Leaning Tower of Pisa. He also names a set of moons that orbit Jupiter.
ANSWER: Galileo Galilei (accept either underlined name) [EF]

13. This novel is dedicated to "sixty million, and more," a reference to the death toll associated with the transatlantic slave trade. For 10 points each,
[10] Name this novel in which Sethe **[SETH-uh]** believes that the title character is her daughter, whom she killed while on the run from slave catchers, a work by Toni Morrison.
ANSWER: _Beloved_
[10] This female Harlem Renaissance author published anthropological works such as *Mules and Men*, but is better known for a novel in which Janie shoots her rabid husband Tea Cake, *Their Eyes Were Watching God*.
ANSWER: Zora Neale **Hurston**
[10] This early female African-American poet was a slave in Boston. Her works include "To His Excellency, George Washington" and a poem that begins "Twas mercy brought me from my Pagan land."
ANSWER: Phillis **Wheatley** [TB]

14. The people of Hyksos **[HICK-sos]** worshipped this god since he was the god of foreigners. For 10 points each:
[10] Name this god identified with Typhon by the Greeks. He was usually red since he was a desert god. Because of Egyptian politics and since he was from Upper Egypt, he lost a lot to Horus.
ANSWER: Seth
[10] Seth tore out one of these things from Horus' face, and these body parts of Horus became correlated with the sun and moon. Argus had a lot of them, which made him a good guardian for Io.
ANSWER: Eyes
[10] Ra got pretty sad when Set and Horus fought, so he had this goddess dance naked for him. This wife of Horus was depicted as a cow, and Ra asked either her or Sekhmet to destroy all humanity.
ANSWER: Hathor [CS]

15. The mezzo version of this instrument is called "[this instrument] d'amore." For 10 points each:
[10] Name this relative of the heckelphone, which developed from the shawm. Orchestras usually tune to this double-reeded instrument's A.
ANSWER: oboe
[10] The oboe represents the duck in this Prokofiev composition written for children. The oboe returns at the end of the composition, signifying the duck is alive in the titular animal.
ANSWER: *Peter and the Wolf*
[10] This composer wrote Four Sea Interludes, which he later worked into his opera *Peter Grimes*. He also reworked a theme from Purcell into his *Young Person's Guide to the Orchestra*.
ANSWER: Benjamin **Britten** [CS]

16. This man was exiled for three years after killing his neighbor Thorgest for not returning seatposts. For 10 points each:
[10] Name this explorer who built an estate at Brattahlid in Greenland. He fell off his horse on the way to a boat. and decided not to go on the expedition on which his son discovered Vinland.
ANSWER: Erik the Red (or **Erik** Thorvaldsson; prompt generously on "Leif Eriksson's father," but do not accept "Leif Eriksson" since that isn't what is being asked)
[10] This home country of Erik the Red was formerly the western portion of the Kalmar Union. Its capital was moved from Christiana to Oslo.
ANSWER: Norway (accept **Norge** or **Noreg**)
[10] This founder of Universism worked with Fridtjof Nansen to organize relief for a 1921 Russian famine. This man ran the Nazi puppet government of Norway, making his name a synonym for "traitor."
ANSWER: Vidkun **Quisling** [CS]

17. For 10 points each, answer the following about George Orwell.
[10] In Orwell's novel *Animal Farm*, this devoted plow-horse resolves "I will work harder!" and accepts that "Napoleon is always right."
ANSWER: Boxer
[10] This Orwell work is set in Airstrip One, a province of Oceania. In this novel, Winston Smith works in the Ministry of Truth and "Big Brother" serves as the figurehead of the Party.
ANSWER: *Nineteen Eighty-Four*
[10] Orwell's *Homage to Catalonia* centers on a civil war in this country, the setting of Hemingway's *For Whom the Bell Tolls*.
ANSWER: Spain (accept **Spanish Civil War**) [TB]

18. The digits of this numbering system are known as bits. For 10 points each:
[10] Name this numbering system whose only digits are 0 and 1. Boolean operators are done using this system, which is the foundation of modern computing.

ANSWER: <u>Binary</u> (accept base-two)

[10] Binary is used by this easily readable programming language, which implements duck typing and uses whitespace. It was named after a British comedy show.

ANSWER: <u>Python</u>

[10] Unlike Python, this programming language uses static typing. This object-oriented language improved upon its predecessor by adding classes.

ANSWER: <u>C++</u> ["C plus plus"] (do NOT accept or prompt on <u>C</u> or <u>C#</u>) [PP]

19. This empire's history is chronicled in the Epic of Sundiata. For 10 points each:

[10] Name this West African empire with capital at Timbuktu, which was founded after Sumanguru was defeated by Keita at Kirina.

ANSWER: <u>Mali</u>

[10] Mali's most famous leader was this man, who distributed gold while making a pilgrimage to Mecca, greatly devaluing it in the region.

ANSWER: Mansa <u>**Musa**</u> (accept <u>**Musa I**</u>, Gonga <u>**Musa**</u>, <u>**Kankan Musa**</u>, or <u>**Kanku Musa**</u>)

[10] The Saadi dynasty brought an end to this other West African empire at the Battle of Tondibi. This empire, a rival of the Mali, was once ruled from Gao by Sonni Ali.

ANSWER: <u>Songhay</u> [AZ]

20. This artist painted three coffins in place of three women in his take on Manet's *The Balcony.* For 10 points each:

[10] Name this Belgian surrealist who painted a work stating "this is not a pipe," as well as a painting of a figure with an apple superimposed on his face.

ANSWER: Rene <u>**Magritte**</u>

[10] In addition to the aforementioned apple, the main figure in *The Son of Man* sports this type of headgear. This type of hat is also worn by the men in Magritte's *Golconda*.

ANSWER: <u>Bowler Hats</u> (prompt on "hat")

[10] This other painting of Magritte's shows a clock that reads just after 12:40, and a train coming out of a fireplace.

ANSWER: _<u>Time Transfixed</u>_ [RM]

Tiebreaker:

21. Society progresses through animistic, polytheistic, and monotheistic sub-fields during the Theological stage of this man's Law of Three Stages. For 10 points each:

[10] Name this French founder of Positivism.
ANSWER: Auguste **Comte**
[10] Comte coined the name of this field, and he is considered its father. Other practitioners of this field include Max Weber and Emile Durkheim, who all studied human society.
ANSWER: Sociology
[10] Comte coined this term to promote his "Religion of Humanity," which has a kin-selection type promoted by Hamilton's Rule. Comte defined it as "liv[ing] for others."
ANSWER: altruism [CS]