

Brookwood Invitational Scholars Bowl XXVI: Brought to you by the letter J'accuse
Round 11

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Tossups

1. The WRA was tasked with creating these places, which were heavily supported by John L. DeWitt. The largest of these places, and the last to continue operating, was located at Tule Lake. One located in Owens Valley was the site of a series of photographs made by Dorothea Lange and Ansel Adams. That place was Manzanar. Most of the people who lived in these places were either “issei” or “nisei”. First established by Executive Order 9066, these places were declared constitutional in the 1944 case *Korematsu v. US*. For 10 points, name these locations to which members of an Asian ethnicity were forcibly relocated after Pearl Harbor.

ANSWER: Japanese-American internment camps [or same-knowledge equivalents; prompt on partial answer]

2. One of this artist’s works was called a “page of history” by Georges Riviere, who along with Frank Lamy and Norbert Goeneutte appear in that painting. In a painting by this man located at the Phillips Collection, a pink and white awning covers the central group. This painter depicted a woman in a blue and yellow dress enjoying a ball at the Butte Montmartre. This artist is best known for a portrayal of Gustave Caillebotte wearing a straw hat and sitting among friends enjoying fruit and wine on the Seine. For 10 points, name this French Impressionist artist of *Dance at the Moulin de la Galette* and *Luncheon of the Boating Party*.

ANSWER: Pierre-Auguste Renoir

3. The narrator of this novel kills the Curate with a shovel after the Curate starts screaming uncontrollably. This novel describes a red weed that spreads uncontrollably in water. The opening line of this novel imagines men who scrutinize animalcules in a tiny drop of water. In this novel, the *HMS Thunder Child* is destroyed after it manages to take down a Tripod. Ogilvy is killed after a mysterious black cylinder is opened in this book; many other casualties come from black smoke and heat rays. This novel ends with the unnamed narrator reuniting with his wife after the antagonists die from bacteria. For 10 points, name this sci-fi novel about a Martian invasion written by HG Wells.

ANSWER: *The* War of the Worlds

4. (Note to moderator: Read to yourself the entire answerline [to YOURSELF] before reading the tossup)

Robert Nozick’s “experience machine” thought experiment attacks this concept as the only intrinsic value by putting people in a place devoted only to it. An attempt to quantify the effects of it uses duration and intensity as two of seven “dimensions” in its namesake “calculus”. Aristotle argued this concept manifests itself as the highest human state through *eudaimonia*. Epicurus equated the lack of pain to the highest possible amount of this state. According to Sigmund Freud, the id is compulsively driven to find this state in a namesake “principle”. For 10 points, name this self-serving state of being whose pursuit is espoused by hedonism.

ANSWER: happiness [or pleasure; or felicity; or making one’s self happy; or being happy; or level of happiness; or similar answers that indicate happiness or pleasure; accept Hedonism before “quantify”]

5. This man got William Chaloner arrested for counterfeiting while he served as Master of the Royal Mint. Samuel Clarke supported this man, who succeeded Isaac Barrow as the second Lucasian Chair. He wrote the manuscript *De motu* to William Halley. This man introduced a dot over a variable to represent its derivative. Alexander Pope wrote, “God said ‘Let [this man] be, and all was light.” In a letter to Robert Hooke, this man mentioned that he had “seen further” by “standing on the shoulders of giants.” He used a prism to separate a beam of light, as detailed in his tract *Opticks*. For 10 points, name this man who theorized universal gravitation, though an apple had nothing to do with it.

ANSWER: Sir Isaac Newton

6. Legendarily, this man was the son of a Saracen princess who followed a Crusader home to Europe. This companion of Edward Grim once called Gilbert Foliot a “wolf in sheep’s clothing.” After the death of Theobald, this man made a remarkable change toward asceticism. Offended by a passage about “criminous clerks,” this man was the main target of the Constitutions of Clarendon. A king walked barefoot from St. Dunstan’s cathedral and was whipped 245 times as penance for this man’s death. This “turbulent priest” was killed by four knights in Canterbury Cathedral in 1170. For 10 points, name this Archbishop of Canterbury who never learned why you don’t argue with Henry II.

ANSWER: Thomas a **Becket**

7. Two tourist routes in this nation are the Golden and Diamond Circles, the latter of which leads to the powerful Dettifoss Waterfall. In an annual ceremony in this country, children release hundreds of puffins from the Westmann Islands. This nation’s strict hygiene rules apply at its Blue Lagoon, a geothermal spa. A 1967 volcanic eruption off the coast of this nation created the island of Surtsey. The Faroe Islands are located east of this island, whose inhabitants wrote the Poetic and Prose Edda. Flights across Europe were affected after the 2010 eruption of a volcano on this island. For 10 points, name this glacial island with capital Reykjavik.

ANSWER: Republic of **Iceland**

8. The origins of this figure come from the game and play stages, and depend on symbolic interactionism according to George Herbert Mead. Heinz Kohut developed a three-part model for this figure. According to James Marcia, a moratorium arises when the singularity of this figure constantly changes. This figure’s ability to perform tasks comes from vicarious experiences, according to Albert Bandura’s definition of the “efficacy” of this figure. This figure’s ability to reach its full potential in Maslow’s hierarchy of needs results in its “actualization.” For 10 points, name this figure from psychology whose inability to be settled results in the “identity crisis.”

ANSWER: the **self** [or **identity** before mentioned]

9. The intensity of light passing through a polarizer equals its intensity times the square of this function with respect to the direction of polarization, according to Malus’ Law. This function has a phase constant of zero for the position function of a mass-on-a-spring released from its maximum displacement. For a mass sitting on an inclined plane, the normal force is proportional to this function of the angle of the ramp. Dot products depend on this function of the angle between two vectors. The horizontal component of a projectile’s velocity includes this function of the angle. For 10 points, name this function equal to sine divided by tangent or adjacent divided by hypotenuse.

ANSWER: **cosine**

10. At the end of one work, this group claims, “we cannot call a mortal being happy before he’s passed beyond life free from pain.” *Epirrhema* were spoken by the leader of this group, the coryphaeus. It entered during the *parodos*. Hoopoe convinces members of this group to listen to Pisthetaerus and Euelpides in one work, while in another, this group speaks the line “bre-ke-ke-kex-koax-koax.” They alternated reading strophes, antistrophes, and epodes when performing odes. A *parabasis* was spoken by this group, which was increased in size by Euripides. In *The Birds*, this group consists of actual birds. For 10 points, name this group which served as the commentator in Greek plays.

ANSWER: **chorus** [prompt on *The Frogs*; prompt on *The Birds* before mention; do not accept or prompt on “choragos”]

11. Charles Sumner Hamlin was the first occupant of this office. A man who held this office under Jimmy Carter was nicknamed “the Gentle Giant” and was notorious for chewing cigars. An Objectivist who held this government position for 19 years convinced the FOMC to reduce the FFR by 0.5% after 9/11. A ban on proprietary trading in the Dodd-Frank law was named for a man who alleviated stagflation while holding this office, Paul Volcker. Under four presidents, this office was held by Alan Greenspan, though its current occupant will likely be leaving in January. For 10 points, name this office in charge of interest rates and printing money, now held by Ben Bernanke.

ANSWER: **Chairman** of the Board of Governors of the **Federal Reserve** [or **Fed Chairman**; or same-knowledge equivalents; they must have “chairman” for points]

12. This piece's "shuffle" theme prominently features the "Man I Love" tag, which re-appears multiple times in this work. In a notable performance of this piece after its composer's death, Benny Goodman fluffed an important note. This piece was orchestrated by the composer of the *Grand Canyon Suite*, Ferde Grofé. This piece was commissioned by Paul Whiteman, and was inspired by the "steely rhythms" the composer heard on a train ride to Boston. This work's composer played the piano part at its premiere, and Ross Gorman improvised this piece's opening clarinet glissando as a joke. For 10 points, name this "Experiment in Modern Music" by George Gershwin.

ANSWER: "Rhapsody in Blue"

13. One of this author's characters calls God a "shout in the street" and says that "history is a nightmare from which I am trying to awake." The last line of one of his short stories notes that snow falls over all the living and all the dead. A novel by this author ends with a woman raving "and yes I said yes I will Yes." A different novel by him begins with the sentence "riverrun, past Eve and Adam's", which loops around to the book's end, and also includes the line "three quarks for Muster Mark." His best-known novel begins by describing "stately, plump Buck Mulligan" and includes chapters titled "Nausicaa" and "The Lotos-Eaters". For 10 points, name this Irish novelist of *Ulysses*.

ANSWER: James Joyce

14. Rand Paul insisted that America "apologize" to this company after May 2013 Congressional hearings blasted its "Double Irish" arrangement. This corporation was forced to respond to claims that its consolidated.db file was snooping on users. This company hired the Fair Labor Association to audit a subsidiary whose Chinese factories have been the site of mass suicides. Foxconn supplies this larger corporation, which has constantly sued Samsung over patent violations since 2011. The current CEO, Tim Cook, replaced a man who passed away from pancreatic cancer. For 10 points, name this Cupertino-based company headed up for many years by Steve Jobs.

ANSWER: Apple, Inc.

15. One method of this procedure uses paired-end tags to link contigs into scaffolds. Early methods for doing this were the "plus and minus" method, as well as one discovered by Maxam and Gilbert. A more common method of this procedure used chain-terminating ddNTPs. In the shotgun method for this procedure, reads are overlaid to find repeating patterns. That approach was pioneered by Craig Venter. Frederick Sanger's method was used by the NIH when it announced in 2000 that it had done this to the human genome. For 10 points, name this procedure of determining the order of nucleotides of a genetic code.

ANSWER: DNA sequencing [or word forms; or descriptions of mapping the human genome, or finding the order of base pairs before mention, or other same-knowledge equivalents]

16. General description acceptable. After the gods made fun of Athena's hideous face when she used one of these objects, she threw it away, and it was picked up by a satyr. Amphion used one of these objects in order to move stones to construct the walls of Thebes. One of these objects was used by Heracles to kill his teacher Linus. Marsyas was flayed alive after a contest involving these objects. One of these objects was fashioned from the remains of Syrinx after she was transformed by her sisters into some reeds. Apollo exchanged his cattle for one of these objects after Hermes fashioned it from cow gut and a tortoise shell. For 10 points, name these objects which included the *aulos*, the pan-pipes, and the lyre.

ANSWER: musical instruments [or same-knowledge equivalents that involve music in some way; however, at any point in this tossup, you can accept aulos, pan-pipes, or lyres]

17. One room in this building was constructed with six others to form a seven-room enfilade consisting of salons named after Hercules, Venus, and Apollo. Statues located at this site were designed by André Le Notre with the help of Charles Le Brun, many of whose paintings are at this location. Its architect, Jules Hardouin Mansart, used red marble for its Grand Trianon. Several gilded guéridons adorn the sides of this location's Hall of Mirrors. For 10 points, name this ornate French palace home to some famous gardens commissioned by Louis XIV, where a peace treaty ending World War I was signed.

ANSWER: Palace of Versailles [or Chateau de Versailles]

18. The Rebellion of the Three Guards occurred in this nation, where a mythical king called Yu the Great allegedly stopped a Great Flood. This country was home to the Longshan culture, which then spawned the Erlitou culture. The Battle of Muye took place in this present-day nation. Ox scapulae and the shells of turtles were cracked and interpreted by diviners in its historical custom of “oracle bones.” This nation believed that a ruler’s legitimacy was granted by the gods and removed if appropriate through the Mandate of Heaven. For 10 points, name this nation whose prehistoric people settled around the Yellow River, and which was home to the Xia and Shang Dynasties.

ANSWER: China

19. This author wrote about a boy who screams “Malabar, it’s Malabar” in his attempt to “get there”, then dies of brain fever in a desperate attempt to avert his mother’s poverty. This author wrote that, “Ours is essentially a tragic age-so we refuse to take it tragically.” In a novel by this author of the “The Rocking-Horse Winner”, Gertrude dies of a morphine overdose after preventing Miriam from being affectionate with her son Paul. Mrs. Bolton looks after a paraplegic from the war, leaving Constance alone with Oliver Mellors, in a work by this author censored for obscenity. For 10 points, name this author of *Sons and Lovers* and *Lady Chatterley’s Lover*.

ANSWER: David Herbert Lawrence

20. The lever rule is used to calculate the relative concentration of two of these. Degrees of freedom for a system equal the number of components, minus the number of these, plus two, according to a rule named for Gibbs. There are two of them along the liquidus curve. At a given concentration, the dew point is the highest temperature at which two of these can coexist in a system. The latent heat is the enthalpy associated with a transition between them. At the triple point, three of them exist. Diagrams depicting them usually plot pressure against temperature and are divided into regions. For 10 points, name these things which include solids, liquids, and gases.

ANSWER: phases of matter [prompt on “states” of matter]

The Round is Now Over. Continue Only if There is a Tie.

21. The M+1 peak in mass spectrometry is due to an isotope of this element. An isotope of this element is used in a form of NMR which uses DEPT to determine chemical shifts between 0 and 220 ppm. Three alpha particles are transformed into an isotope of this element in the triple-alpha process. The mass of one dalton is defined based on the mass of one of this element’s isotopes. The natural logarithm of two, divided by 5700, gives the rate constant in inverse-years for a process undergone by an isotope of this element. A mole is defined as twelve grams of its most common isotope. For 10 points, name this element used in radioactive dating, which normally has six neutrons.

ANSWER: carbon [or C]

Round 11 Bonuses

1. One of these creatures was killed by “Nobody” after capturing Odysseus and his crew and was named Polyphemus. For 10 points each:

[10] Name these sons of Poseidon who had a single eye.

ANSWER: Cyclops [or Cyclopes]

[10] During the Titanomachy, the Cyclopes were imprisoned along with the Hecatonchires in this unpleasant region of the Underworld. The Titans were later imprisoned here.

ANSWER: Tartarus

[10] For killing the Cyclopes, Apollo was sentenced to labor under this king for a year. Alcestis offered to die in this king’s place.

ANSWER: King Admetus

2. A law taking a similar form as Fourier’s Law, Fick’s First Law, governs the concentration dependence of this phenomenon. For 10 points each:

[10] Name this phenomenon in which species move from regions of high concentration to low concentration.

Osmosis is a special case of it.

ANSWER: diffusion

[10] The speed of diffusion varies with the exponential of negative one over temperature. In fact, it takes the same form as the Arrhenius equation, which shows how *this property* varies with temperature.

ANSWER: reaction rate [or rate constant; or same-knowledge equivalents about how fast reactions occur]

[10] According to Graham’s Law for Diffusion and Effusion, the rate of a gas’ diffusion is proportional to the gas’ molar mass, raised to *this power*.

ANSWER: -1/2 [or -0.5 or mathematical equivalents; do not accept or prompt on positive 1/2]

3. The Liberation and Justice Party, active in this region, signed a truce with the government in 2010 and 2011. For 10 points each:

[10] Name this region where the JEM, led by Khalil Ibrahim, have fought against the Janjaweed in a bloody civil war.

ANSWER: Darfur

[10] Darfur is located in the far west of this African nation. The newest country in Africa seceded from this country’s south in 2011.

ANSWER: Sudan [don’t accept “South Sudan”]

[10] Sudan is currently led by this man, who has won accolades such as “Worst Living Dictator” for the Darfur genocide. He’s currently wanted by the ICC and fled Nigeria in July 2013 to avoid capture.

ANSWER: Omar al-Bashir

4. For 10 points each, answer these questions about the ratification of the Constitution:

[10] Politicians like Alexander Hamilton and John Jay who supported ratification were members of this party, which names a series of 85 “papers” supporting the Constitution.

ANSWER: Federalists

[10] Anti-federalists remained opposed to the Constitution until a series of ten guarantees were authored by this Anti-federalist, known as the “Father of the Bill of Rights.”

ANSWER: George Mason

[10] During the ratification process, only three states had unanimous votes: Delaware, Pennsylvania, and this other state. The proposal put forth by a representative from here called for one legislative body with one vote per state.

ANSWER: New Jersey

5. Name these people who might actually have written *King Lear*, for 10 points each:

[10] Scholars point to passages in *The Jew of Malta* and *Doctor Faustus* to accuse this contemporary, who died in a mysterious bar brawl, of being the Bard.

ANSWER: Christopher **Marlowe**

[10] Before he died trying to stuff snow into a chicken, this candidate for writing Shakespeare's plays also invented the scientific method and wrote the *Novum Organum* and *The New Atlantis*.

ANSWER: Francis **Bacon**

[10] The author most commonly cited by anti-Stratfordians is this son-in-law of William Cecil. A love poet and jousting, this man's extensive travel would have given him the knowledge of Italy that Shakespeare never had.

ANSWER: Edward **de Vere** [or the 17th Earl of **Oxford**]

6. PHN is a painful neuralgia symptomatic of this disease. For 10 points each:

[10] Give the common name of this disease, scientifically called Herpes zoster. It results in an incredibly painful rash and may cause blindness if not treated. It's most common in the elderly.

ANSWER: **shingles**

[10] Shingles results from the same varicella virus that causes this contagious disease in children. It usually results in an itchy, though mostly harmless, rash.

ANSWER: **chickenpox**

[10] This other herpes virus is easily transmitted through saliva and is responsible for causing mononucleosis. It's named for two British physicians.

ANSWER: **Epstein-Barr** virus [or **EBV**]

7. You couldn't avoid it forever: A bonus about Wolfgang Amadeus Mozart. Answer the following about Mozart's operatic work, for 10 points each:

[10] In this Mozart opera, the Queen of the Night sings the aria "O zittre nicht" and Tamino saves his love Pamina from the Queen's clutches using the title instrument.

ANSWER: *The* **Magic Flute** [or *Die* **Zauberflöte**]

[10] In this Mozart opera, subtitled *The School for Lovers*, Ferrando and Guglielmo disguise themselves as Albanians to prove the unfaithfulness of their fiancées, leading to comic hijinx.

ANSWER: **Così fan tutte** [or **Thus Do They All** and other similar translations]

[10] This Mozart work follows the title character's dilemma over whether to hold his promise to the gods to sacrifice his son, the Prince of Crete, Idamante. He chooses not to, and is smited by Neptune.

ANSWER: **Idomeneo**, *re di Creta* [or **Idomeneo**, *King of Crete*]

8. This character sees Salamano constantly beat his dog, and shows complete apathy at his mother's funeral. For 10 points each:

[10] Name this character who is sentenced to death after shooting an Arab on a beach.

ANSWER: **Meursault** [prompt on *The* **Stranger**]

[10] Meursault is the protagonist of *The Stranger*, a novel by this French-Algerian author.

ANSWER: Albert **Camus**

[10] In Camus' novel *The Fall*, Clamence is haunted by seeing a woman commit suicide in this way. In *Mrs. Dalloway*, Septimus Smith commits suicide in this way at Clarissa's party.

ANSWER: **jumping** to their death [accept committing suicide by **jumping**; accept **jumping off** of a **bridge**; accept **jumping out** of a **window** or **autodefensetrastion**]

9. Adolf Hitler once called her "the most dangerous woman in Europe". For 10 points each:

[10] Name this wife of George VI. She died at the age 101 in 2002, weeks after her daughter Princess Margaret.

ANSWER: the **Queen Mother** [or **Elizabeth Bowes-Lyon**; prompt on "Elizabeth" but do not accept either "Elizabeth I", "Elizabeth II", or "Queen Elizabeth", as she was never actually a queen]

[10] Elizabeth II is a member of this British royal house, which was founded by George V out of the House of Saxe-Coburg-Gotha. It's still in power.

ANSWER: House of **Windsor**

[10] The House of Windsor is *extremely* proud of its member Edward VIII, who, at the start of WW2, abdicated out of love for this American divorcee. Some people suspect her of being a Nazi sympathizer.

ANSWER: Wallis **Simpson** [or Wallis **Spencer**]

10. Robert Hayden asked “What did I know/of love’s austere and lonely offices” in a poem titled for this day of the week in winter. For 10 points each:

[10] Name this day of the week. Catholics celebrate Christ’s entry into Jerusalem on a religious holiday named for this day.

ANSWER: **Sunday**

[10] A barber shop and a fire hydrant appear in the middle of this artist’s *Early Sunday Morning*. This painter is best known for painting a dark landscape mirroring the depressed people inside a diner in his *Nighthawks*.

ANSWER: Edward **Hopper**

[10] The Bloody Sunday of 1920 started when the Black and Tans fired on civilians at one of these events in Dublin. One of these events in 1969 prompted the bombing of Tegucigalpa during a conflict ended by the OAS.

ANSWER: **football** match [or **soccer** match]

11. This process may occur in regional, contact, and dynamic forms. For 10 points each:

[10] Name this process in which rocks change their structure without melting due to the application of heat or pressure. It transforms sandstone into quartzite.

ANSWER: **metamorphism** [or word forms; or **metamorphosis**; or **metamorphic**]

[10] This other sedimentary rock, containing calcium carbonate, is metamorphosed into marble. It is very similar in structure to dolomite.

ANSWER: **limestone**

[10] These objects are formed from limestone or sandstone dissolution by acid due to suffosion. Also known as dolines, these landforms common in Karst topographies include the *cenotes* in Mexico.

ANSWER: **sinkholes** [or **sinks**]

12. Answer the following about religion in China, for 10 points each:

[10] This system of philosophy has been popular since its namesake philosopher wrote the *Analects* during the Spring and Autumn Period. This ethical system depends on the concepts of *ren* and *li*, and venerates filial respect.

ANSWER: **Confucianism** [or **Confucian** thought; or **Neo-Confucianism**]

[10] This fundamental work of another Chinese religion instructs followers to “do” without “doing”, also known as *wu wei*.

ANSWER: **Tao te Ching** [or **Dao de Jing**; or other close phonetic equivalents]

[10] This contemporary religion symbolized by a wheel has been suppressed by the Chinese government; it has reported human rights violations on the scale of the government *harvesting organs from believers*.

ANSWER: **Falun Gong** [or **Falun Dafa**]

13. The raininess of Kerala, India, is a result of these winds. For 10 points each:

[10] Name these seasonal winds which bring rain to the Indian subcontinent.

ANSWER: **monsoons**

[10] Rain falls on India, but not in the Gobi Desert, which is sheltered behind the Himalaya Mountains in this area. These regions are the dry areas behind mountains which rainclouds don’t penetrate.

ANSWER: **rain shadows**

[10] This other Indian desert was formed from a rainshadow with the Aravalli Range and the Himalayas. This desert in northwest India also touches Pakistan.

ANSWER: **Thar** Desert

14. This novel’s protagonist is forbidden to go to the funeral of Matt Bonner’s mule. For 10 points each:

[10] Name this novel about Janie Crawford, who hates her first two husbands but finally encounters love with Tea Cake, who dies of rabies in a hurricane.

ANSWER: **Their Eyes Were Watching God**

[10] *Their Eyes Were Watching God* was written by Zora Neale Hurston, an author in this literary movement celebrating African-American heritage from a New York City neighborhood. Langston Hughes was also a member.

ANSWER: **Harlem Renaissance**

[10] As a child, Janey idealized marriage in the form of one of these objects growing in her Nanny’s backyard. Pollinated by bees, it becomes an important symbol of her sexuality.

ANSWER: **pear tree** [prompt on “tree”]

15. Cultural landmarks are often seen in paintings. For 10 points each:

[10] This French artist painted the Rouen Cathedral at different times of the day to show the effect of light. That theme began with his painting of a orange sunrise jumpstarting the Impressionist movement.

ANSWER: Claude **Monet**

[10] This Japanese ukiyo-e artist painted workers finishing up Mannen Bridge and sailors struggling against a giant wave in two of his many views of Mount Fuji.

ANSWER: **Katsushika Hokusai** [accept either name]

[10] The bottoms of Roman columns can be seen in this artist's *Dido Building Carthage*. The Tate Museum displayed this landscape artist's work right next to John Constable's, even though they were bitter rivals.

ANSWER: Joseph Mallord William **Turner** [or JMW **Turner**]

16. This country's Third Republic is often said to have been "aborted" by Sani Abacha. For 10 points each:

[10] Name this African nation which experienced civil war when the Igbo in its Southeast attempted to break away and form the state of Biafra.

ANSWER: Federal Republic of **Nigeria**

[10] Civil unrest in Nigeria in recent years is mostly attributable to clashes over faith, particularly by the Islamist group Boko Haram, which is trying to institute this system of Islamic religious law over Nigeria's north.

ANSWER: **Sharia**

[10] Nigeria's first transition to democracy from military rule was accomplished by this general, who also served as president from 1999 to 2007 in a markedly less democratic second term.

ANSWER: Olusegun **Obasanjo**

17. Answer the following about chess in literature, for 10 points each:

[10] This Irish author borrowed the chess term "endgame" for the title of one of his plays. Vladimir and Estragon sit around doing nothing in his play *Waiting for Godot*.

ANSWER: Samuel **Beckett**

[10] Jeremiah de Saint-Amour is found dead of gold cyanide poisoning at his chessboard in this Gabriel Garcia Marquez novel about the doomed love between Fermina Daza and Florentino Ariza.

ANSWER: **Love in the Time of Cholera** [or *El amor en los tiempos de colera*]

[10] The only word prohibited in a riddle about chess is chess, according to this short story. This story is about a Chinese spy for the Germans who kills Dr. Albert to reveal the location of a British artillery compound.

ANSWER: "The **Garden of Forking Paths**" [or *El jardín de senderos que se bifurcan*]

18. Thomas Edison had the electric chair invented to demonstrate the dangers of it. For 10 points each:

[10] Name this type of current drawn by a sinusoidal emf. It's contrasted with DC, or direct current.

ANSWER: **alternating current** [**AC**]

[10] In AC circuits, the voltage through one of these components lags the current by 90 degrees. These components store energy in magnetic fields.

ANSWER: **inductors** [prompt on "solenoids"]

[10] AC circuits can be analyzed using these diagrams, which model sinusoidally varying quantities as vectors rotating around the origin.

ANSWER: **phasor** diagrams [or **phasors**]

19. Theoretically, this bonus is about music. For 10 points each:

[10] This term refers to any set of two or more notes played at the same time. Specific kinds of these include triads, one of which is C-E-G.

ANSWER: **chords**

[10] The interval between C and G is a fifth described by this adjective. Fifths, along with fourths, can only be augmented, diminished or *this*, as opposed to major or minor.

ANSWER: **perfect** fifth

[10] If you add a D-flat to the C-E-G triad, it becomes a seventh chord known by this name that takes a major triad with a minor seventh. The fifth scale degree is also known by this word.

ANSWER: **dominant**

20. For 10 points each, name these phrases associated with imperialism:

[10] A region in which one country has a large effect on culture and economics is described by one of these shapes “of influence”.

ANSWER: **spheres**

[10] Countries like Spain, Britain, and the United States, which extended their influence over expansive parts of the globe, were referred to as the “empires on which” *this* never happens.

ANSWER: “the **sun never sets**” [accept equivalents]

[10] Nicholas II gave this insulting four-word name to the Ottoman Empire in the late 1800s because of its economic and political weakness.

ANSWER: “**sick man of Europe**”

The Round is Now Over.

21. This man wrote “Oh there is a blessing in this gentle breeze” in his poem about the “Growth of a Poet’s Mind”.

For 10 points each:

[10] Name this English Romantic poet of *The Prelude*. He wrote “five summers have passed” since he visited Tintern Abbey in another work.

ANSWER: William **Wordsworth**

[10] In this Wordsworth poem, the speaker compares himself to something “That floats on high over valleys and hills” and describes a “crowd/A host, of golden” flowers.

ANSWER: “**I Wandered Lonely as a Cloud**” [accept “**Daffodils**”]

[10] Wordsworth compared this woman to a “thing that could not feel/The touch of earthly years” in his poem “A slumber did my spirit seal”. That poem is the only one addressed to this woman that doesn’t mention her name.

ANSWER: **Lucy**