

Brookwood Invitational Scholars Bowl XXVI: Brought to you by the letter *J'accuse*
Round 1

Written and edited by Mostafa Bhuiyan, Kunal Naik, Adam Silverman, and Brady Weiler

Tossups

1. A leader of this state was forced to resign after the “Battle of Liberty Place.” Governor William Pitt Kellogg was removed from office in this state by a group exonerated for the Colfax Massacre. A 19th-century cholera epidemic caused the Supreme Court to strike down incorporation named for this state’s slaughterhouses. Enforcement of a “whites only” railcar rule led to Homer Plessy’s arrest in this state. One of its governors began the “Share Our Wealth” movement and popularized the phrase “Every Man a King” before being assassinated in 1935. For 10 points, name this state home to Huey Long, which is also the namesake of Thomas Jefferson’s famous “purchase”.
ANSWER: Louisiana

2. This author wrote of a time when “forty winters shall besiege thy brow/And dig deep trenches in thy beauty’s field.” In another poem, this man evokes “sweet silent thought” by “[summoning] up remembrance of things past.” The speaker of another of this author’s poems begins “Let me not to the marriage of true minds/Admit impediments.” In one work, this poet stated “so as long eyes can see/So long lives this and this gives life to thee”. This man began a late poem “My mistress’ eyes are nothing like the sun”, and also asked the Dark Lady “Shall I compare thee to a summer’s day?” For 10 points, name this Elizabethan-era poet who wrote 154 of his namesake sonnets.
ANSWER: William Shakespeare

3. An atom of this element, substituted with methyl groups, is used as a primary standard in proton NMR. Modern calculations of Avogadro’s number utilize X-ray crystallography of this element. This element’s band gap is 1.1 electron-volts, which is smaller than all other elements except germanium. Naturally, this element is used by diatoms. Quartz is formed when oxygen bonds to it. This tetravalent element is the second metalloid and is found directly below carbon on the Periodic Table. For 10 points, name this element commonly used in semiconductors with atomic number 14.
ANSWER: silicon [or Si]

4. In Milan, one of these structures in the Rayonnant tradition combines the Flamboyant and Perpendicular styles. One of these structures worked on by Domenech Sugranyes consists of pillars topping stone turtles, and has eighteen towers and three facades. Rose windows are prominent on these structures, such as one located in Reims. Their interiors can have specialized openings called apses. In Italy, these buildings are referred to as *duomo*. During the Gothic Era, the thrusts of these buildings became supported by flying buttresses. For 10 points, identify these religious buildings, examples of which include the unfinished Sagrada Familia and the Notre Dame.
ANSWER: cathedral [or church or chapel; accept Duomo before mention; do not accept “Basilicas”]

5. Dissidents in this city have been defended by a *carioca* lawyer named Andre Barros, the leader of a horizontal activist group called the UAB. This city’s unemployed youth were called “disposable” by Pope Francis when he visited this city on his first international trip. Governor Sergio Filho established the UPP to combat drug trafficking in this city’s shanty towns called favelas. In this city, police clashed with protesters outside the Maracana during the final of the 2013 Confederations Cup. This host of the 2014 World Cup final outbid Madrid to hold an event last hosted by London. For 10 points, name this large Brazilian city, the host of the 2016 Summer Olympics.
ANSWER: Rio de Janeiro, Brazil

6. Twenty-seven men were executed in Old Town Square following a battle during this war. Conquering armies in this war pillaged lands according to the most famous use of *bellum se ipsum alet*. A commander in this conflict used shallower, linear formations to defeat the *tercio*. Seeking refuge in the Twelve Years’ Truce, an Elector Palatinate fled to the Netherlands during this war, which began with a struggle between Ferdinand II and Frederick V. This war began after two messengers were thrown out of a castle into horse manure in Prague. For 10 points, name this war ended by the Peace of Westphalia, fought between European Catholics and Protestants from 1618 to 1648.
ANSWER: Thirty Years’ War

7. Servants in this novel include Grimaud, who speaks only in hand-signals; Kitty, who falls in love with the protagonist; and Planchet. A character in this novel secretly has a fleur-de-lis tattooed on her left shoulder. In this work, a scandal nearly breaks out over Anne of Austria's diamonds, which she gives to the Duke of Buckingham. *The Vicomte of Bragelonne* is the second sequel to this novel. The protagonist is forced to fight three duels in one afternoon at this novel's start, but manages to foil the plot of Milady de Winter. For 10 points, name this novel, the first of the *D'Artagnan Romances*, whose title characters are Athos, Aramis, and Porthos.

ANSWER: *The Three Musketeers* [or *Les Trois Mousquetaires*]

8. In one opera by this man, the aria "Svegliatevi nel core" is sung by Sesto, the son of Pompey. In another work, this composer of *Julius Caesar in Egypt* depicted the bagpiping *pifferari* descending a mountain in the pastoral movement *Pifa*. This man also wrote an *Air and Variations* for the harpsichord called *The Harmonious Blacksmith*. A suite by this man includes dance forms like the bourree and the hornpipe and was written for a concert on the royal barge. His most well-known work has a soprano solo in the section "I know that my Redeemer liveth." For 10 points, name this German-English composer of *Water Music* and *Messiah*, which includes the "Hallelujah Chorus."

ANSWER: George Frideric Handel

9. Odin used the eyes of one of these beings to create two new stars; that figure of this type transformed into an eagle to help steal the apples of youth, and is named Thiazi. Lif and Lifthrasir will avoid the onslaught of these beings by hiding in Hoddmimis holt. Another of these beings sustains itself on the milk of Audhumla. Thor is challenged to an eating contest by one named Utgard-Loki. One named Surtr will lead his hordes onto the rainbow bridge, Bifrost, after being freed from Muspelheim. One of the first of these beings was Ymir. They are split into Fire and Frost variants. For 10 points, name these humanoids from Norse myth known as jotunn, who are enormous.

ANSWER: giants [accept frost giant or fire giant or rock giant; accept jotunn before mentioned]

10. For a given spatial position and time, this quantity is the ratio between the magnitude of the electric field and the magnetic field for a wave. Maxwell discovered that the square of this quantity equals the reciprocal of the product of vacuum permittivity and permeability. The meter is defined using this value, which was found to be constant in any direction in the Michelson-Morley experiment. Index of refraction is the quotient of this value in a material and this value in a vacuum. The square of it is the proportionality constant in Einstein's mass-energy equivalence. For 10 points, name this constant equal to about 3.0 times ten to the eighth meters per second, symbolized *c*.

ANSWER: speed of light [or c before mentioned]

11. In one story by this author, the title character is a salesman who fails to convince the narrator that the center of a room is the safest place during a storm. In a novel by this author, Daggoo is a 6'5" man who works for Flask and Father Mapple gives a hellfire sermon. In another story by this author, the title character used to work in a "dead letter office" and now works with Nippers and Ginger Nut. This author included "The Lightning-Rod Man" and "Bartleby, the Scrivener" in his collection *The Piazza Tales*, and his most famous work takes place mainly upon the *Pequod*. For 10 points, name this author who wrote about Captain Ahab hunting a giant whale in *Moby-Dick*.

ANSWER: Herman Melville

12. The United Colonies opposed this man, who influenced Parliament to annul William Coddington's patent on Aquidneck. This man popularized words like "squash" in the first study of the Algonquian language. A text by this author of *A Key Into the Language of America* was "washed, and made white in the blood of the lamb" by John Cotton. He pleaded for a "wall of separation" in *The Bloody Tenent of Persecution*. This founder of America's First Baptist Church accepted the antinomianist Anne Hutchinson into his new colony at Providence after she was also banished by the Puritans. For 10 points, name this founder of Rhode Island.

ANSWER: Roger Williams

13. Specialized peroxisomes called glyoxysomes are found in organisms of this kingdom. The rosette terminal complex is found only in members of this taxon. In preprophase, these organisms form a phragmoplast, which allows for the development of the cell plate in cytokinesis. Stromules and plasmodesmata form between cells in this kingdom. An organelle specific to these organisms contains grana, which are stacks of thylakoids. Turgor in these cells is maintained by the central vacuole, which can make up 90% of the cell's volume. For 10 points, name this kingdom which has cells with walls made of cellulose, as well as chloroplasts.

ANSWER: plants [or plant cells; or Plantae]

14. One painter from this city formed an artistic group after the Macbeth Galleries, and painted a scene at McSorley's Bar. While in this city, the home of John Sloan, one artist painted two men being separated by a referee during a boxing match in his *Stag at Sharkey's*. George Bellows depicted the gritty lifestyle of this city while part of the Ashcan school. A painting representing this city consists of a checkerboard layout with red, black, and blue squares on yellow squares allegedly inspired by taxis. For 10 points, name this city depicted in Piet Mondrian's *Broadway Boogie Woogie*, home to the Metropolitan Museum of Art.

ANSWER: New York City, New York [or NYC; or the City of New York]

15. At the end of a play by this author, one character responds to the question "What is your destiny" with the phrase "To be the thirteenth at table." One of his characters manifests "hope flashing across his mind" by asking "The most wonderful thing of all--?" This author wrote about a man afflicted with photography's "life-lie", and about a "little skylark" who forges a signature. A "beautiful death" is planned by another of his characters when she burns a manuscript. One of this man's protagonists slams the door on Torvald, who promptly yells "Nora! Nora!" For 10 points, name this Norwegian author of *The Wild Duck*, *Hedda Gabler*, and *A Doll's House*.

ANSWER: Henrik Ibsen

16. Henry Moore's *Man Enters the Cosmos* is located next to this body of water. The world's oldest planetarium, Adler Planetarium, is on a manmade island in this body of water, which also houses the Shedd Aquarium. A ferry service on the *SS Badger* crosses it to reach the city of Manitowoc. Mies van der Rohe designed two apartments on the "drive" which runs parallel to this lake's shore. Grant Park abuts this lake, and Green Bay is located in its northwest. It is connected to its northeast neighbor by the Straits of Mackinac. Cities on this lake include Milwaukee and Chicago. For 10 points, name this Great Lake located entirely within the US.

ANSWER: Lake Michigan

17. In Euclidean geometry, this is the number of points required to completely define a conic. This is the number of sides on the convex polygon with the same number of sides as diagonals. This is the only number which is included in two pairs of twin primes. According to the Abel-Ruffini theorem, general polynomials of this degree and higher cannot be solved analytically. The square root of this number appears in the definition of the golden ratio. Euclid proposed this many postulates of geometry in the *Elements*. This is the number of Platonic solids. For 10 points, give this number of sides on a pentagon.

ANSWER: five

18. Several servants repeat, "I am the only one who escaped to tell thee" to this man; in response, he remarks, "Naked I came from my mother's womb, and naked will I depart." This man is told to "Brace yourself like a man. I will question you, and you will answer me." This man laments, "May the day of my birth perish" after he scratches his skin with a shard of pottery. Elihu soliloquizes to this man after he argues with Eliphaz, Bildad, and Zophar. The wife of this man from Uz tells him to "Curse God and die." He loses seven thousand sheep and three thousand cattle and erupts into sores. For 10 points, name this Biblical character, the subject of a wager between God and Satan.

ANSWER: Job [or the Book of Job]

19. An abundance of eels near a lake in this nation is said to have inspired its Bolac stone arrangements. This country contains depictions of the Dynamic Figure and slender spirits called the *mimi* at Ubirr, a rock art site usually only open to women. Alan Thorne led the effort on studies of this country's Mungo Man. Archeological sites in this nation contain songlines, which the natives believe help them "travel" during Dreamtime. A location sacred to the natives of this country has a distinctive red color and is called Uluru, or Ayers Rock. For 10 points, name this nation home to the Aborigines.

ANSWER: Australia

20. During this event, participants built a statue of a woman using both her hands to hold a torch called *The Goddess of Democracy*. Members of the PLA were called “martyrs” during this event, which began with participants singing *The Internationale*. An iconic photograph of this incident was taken by Jeff Widener. Precipitated by the death of reformer Hu Yaobang, it is the topic of the documentary *The Gate of Heavenly Peace*. Deng Xiaoping put down this demonstration, remembered for a photograph of a man blocking a column of tanks. For 10 points, name this June 1989 mass student protest which took place in a namesake square and is still censored by the Chinese government.
ANSWER: Tiananmen Square Protest/Massacre [accept “June 4th Incident” until mentioned]

The Round Is Over. Only Read the Tiebreaker if Needed

21. The fingerprint region is found in this section of the electromagnetic spectrum. 2000 inverse-centimeters, also known as wavenumbers, occurs as this type of radiation, which has enough energy to excite vibrational transitions in molecules. The Paschen series lies entirely in this range of the electromagnetic spectrum. The “pit” of pit vipers is evolved to detect this form of electromagnetic radiation. Greenhouse gases mainly absorb this type of radiation, which is absorbed by thermoreceptors. Microwaves are slightly less energetic than this region. For 10 points, name this form of radiation which has wavelength just longer than red light.
ANSWER: infrared spectrum/light/radiation [or IR; or IR spectroscopy before “this section” in the first sentence]

Round 1 Bonuses

1. This central force is the weakest of the four fundamental forces, and its gauge boson hasn't yet been discovered. For 10 points each:

[10] Name this force which attracts all masses in the universe, and keeps you connected to the ground.

ANSWER: **gravity** [or **gravitational** force]

[10] The magnitude of gravity varies with this power of the distance between the two objects. Electrostatic forces also have a magnitude related to this power of the radius.

ANSWER: **-2** [or **inverse-square** law; do not accept or prompt on "2"]

[10] This quantity can be calculated by setting kinetic energy equal to gravitational potential energy. It equals the square root of 2 times the gravitational constant times the mass of a planet over the radius of the planet.

ANSWER: **escape velocity** [or **escape speed**]

2. The Konabos, some horses owned by Ares, possessed this ability. For 10 points each:

[10] Name this ability. Bellerophon slew the Chimera because the beast attempted to use this ability while a lead spear was stuck down its throat.

ANSWER: **breathing fire** [or equivalents]

[10] Examples of these fire-breathing creatures in Greek myth include Ladon and Python. They're commonly depicted in Chinese myth.

ANSWER: **dragons** [or **wyrms**; or **wyverns**; prompt on "snakes" or "reptiles"]

[10] Hephaestus crafted some bronze bulls that could breathe fire for this king of Colchis. Jason was forced to yoke them while attempting to plough a field with dragon teeth for this king.

ANSWER: King **Aeetes**

3. This object, which spanned 73 miles, was preserved in the 19th century by John Clayton. For 10 points each:

[10] Name this fortification in Roman Britain named for the Emperor who oversaw its construction.

ANSWER: **Hadrian's Wall** [or **Vallum Aelium**; or the "**Aelian Wall**"]

[10] Hadrian was succeeded as Emperor by this adoptive son of his. This emperor's reign is often considered the most peaceful of the first period of the Roman Empire.

ANSWER: **Antoninus Pius** [or **Antoninus**; or **Titus** Fulvius Aelius Hadrianus Antoninus Augustus **Pius**]

[10] Hadrian and Antoninus Pius were a part of this group of Emperors, ending with Marcus Aurelius. This name refers to the Emperors in this period being succeeded by those with merit rather than simply by those with lineage.

ANSWER: **Five Good Emperors** [do not accept "Nervan-Antonine Dynasty," as Commodus is a part of that, but not one of the Five Good Emperors]

4. This right-wing party is symbolized with blue. For 10 points each:

[10] Name this British political party, which is currently in power under David Cameron. It is opposed by Labour.

ANSWER: **Conservative** and Unionist Party [or **Tory**; or **Tories**]

[10] The Conservatives are currently in coalition with this centrist party led by Nick Clegg.

ANSWER: **Liberal Democrats** [or **Lib Dems**]

[10] Cameron's failure to pass a resolution against Bashar al-Assad dealt a blow to this strong alliance between the US and UK. This two-word phrase describes the very strong diplomatic ties between the two nations since WW2.

ANSWER: the **Special Relationship**

5. The most famous of these poems describes a frog jumping into water. For 10 points each:

[10] Name this poetic form mastered by Basho, consisting of three lines of five, seven, and five syllables.

ANSWER: **haiku**

[10] At the end of his life, this American wrote many haikus. This author of the collection *Uncle Tom's Children* created a character who accidentally smothers Mary, then unsuccessfully tries to burn the body.

ANSWER: Richard **Wright**

[10] Bigger Thomas is the protagonist of this novel by Richard Wright.

ANSWER: **Native Son**

6. This law applies best at low pressures and high temperatures. For 10 points each:

[10] Name this law often stated as “ $PV = nRT$ ”, where R is its namesake constant.

ANSWER: ideal gas law

[10] This rather useless correction to the ideal gas law accounts for particulate volume and strength of intermolecular attractive forces, its a and b parameters. It’s named for a Dutch chemist.

ANSWER: van der Waals equation

[10] A useful approximation for ideal gases is that the difference between this quantity at constant pressure and at constant volume equals R. This quantity is the partial derivative of enthalpy with respect to temperature.

ANSWER: heat capacity [or specific heat capacity]

7. The Chiloé archipelago is known for its numerous varieties of this crop. For 10 points each:

[10] Name these crops which were devastated by *Phytophthora infestans* during a 19th century famine in Ireland.

ANSWER: potato

[10] Peasants gather for a meager meal of tubers in this artist’s *The Potato Eaters*. His painting of a billiards table was done when he lived in Arles.

ANSWER: Vincent van Gogh

[10] The Moche people of this country depicted potatoes in their pottery. The potato was possibly first cultivated in this nation’s Valley of the Chulca, which is located near Arequipa.

ANSWER: Peru

8. You are arguing that all M&Ms don’t have the same flavor with a terrible arguer who thinks they do. For 10 points each:

[10] Your adversary claims, “All M&Ms are made of chocolate, and all chocolate has the same flavor, therefore all M&Ms have the same flavor”—an example of these three-part statements first described by Aristotle.

ANSWER: sylogism

[10] In order to get the upper hand, your partner remarks, “Well, you’ve got a terrible sense of taste, and you have big feet.” Such irrelevant, personal attacks, are often described by this two-word Latin phrase.

ANSWER: ad hominem

[10] Your foe claims that, when he left out a bowl of M&Ms, each color was equally depleted, so they *must* all have the same flavor. He’s now making this fallacy: the belief that, if Event B follows Event A, Event A caused Event B.

ANSWER: post hoc ergo propter hoc [do not accept or prompt on anything involving “correlation” or “causation”—no points are awarded if the answer is not given in Latin]

9. This character struggles to come up with a rhyme for “strategy” and “lot o’ news” before settling on “sat a gee” and “hypotenuse”. For 10 points each:

[10] Name this character who claims to have “information vegetable, animal and mineral” in an 1879 opera.

ANSWER: Major-General [or the Modern Major-General; or General Stanley]

[10] “I Am The Very Model of a Modern Major-General” appears in *The Pirates of Penzance*, a comic operetta composed and written by these two Englishmen who also wrote the *HMS Pinafore*.

ANSWER: William S. Gilbert and Arthur Sullivan [or Gilbert and Sullivan; or Sullivan and Gilbert]

[10] The melody of the Major-General’s song is commonly played by this percussion instrument. It consists of wooden bars tuned to different pitches, hit by a mallet. A marimba is a type of this instrument.

ANSWER: xylophone

10. The protagonist of this play is haunted by visions of his tycoon brother Ben. For 10 points each:

[10] Name this play in which the protagonist is mourned by his wife Linda and sons Happy and Biff.

ANSWER: Death of a Salesman

[10] *Death of a Salesman* is a play by this American dramatist of *The Crucible*.

ANSWER: Arthur Miller

[10] The stage directions for *Death of a Salesman* call for this instrument, which Willy Loman sold at one point, to play in the background. In *Things Fall Apart*, Okonkwo is ashamed that his father played this instrument.

ANSWER: flute

11. *The General in His Labyrinth* is a fictionalization of this man's dying days. For 10 points each:

[10] Name this "Libertador" of Latin America who issued a "Decree of War to the Death", allowing South Americans to brutalize the Spaniards without any consequences.

ANSWER: Simon **Bolivar**

[10] Bolivar served as the first president of this nation, encompassing parts of Venezuela, Peru, Brazil, Ecuador, and a namesake country. It completely fell apart by 1831.

ANSWER: **Gran Colombia** [or **Great Colombia**]

[10] Bolivar was a member of this middle caste in Latin American colonial society. Ranking below the *Peninsulares*, these people were born abroad to Spanish parents.

ANSWER: **criollo** [or **creoles**]

12. Each painting in Robert Motherwell's *Elegy to the Spanish Republic* series contains thick streaks of this color. For 10 points each:

[10] Name this color describing a series painted on the walls of the Quinta del Sordo. Those gruesome paintings described by this color include *Saturn Devouring His Son*.

ANSWER: **black**

[10] *The Black Paintings* are by this Spanish court painter of Charles IV. A man in a white shirt raises his arms in a Christ-like manner in his *Third of May, 1808*.

ANSWER: Francisco de **Goya** y Lucientes

[10] This Goya series consists of 82 prints created in protest of Napoleon's invasion of Spain and depicts French soldiers among Spanish women. It depicts the consequences of military conflict.

ANSWER: **Disasters of War** [or **Desastres de la Guerra**]

13. The Miller and the Reeve tell crude stories about each other's professions in this collection of stories, told by pilgrims departing from the Tabard Inn. For 10 points each:

[10] Name this work by Geoffrey Chaucer.

ANSWER: *The* **Canterbury Tales**

[10] *The Canterbury Tales* is written in this dialect. It lasted until the late fifteenth century until England finally introduced the printing press, and is characterized by lack of regular orthography.

ANSWER: **Middle English** [prompt on "English"]

[10] Like mystery plays, this type of drama was common during the Middle Ages. *Everyman* was a Middle English example of one of these plays, which often featured personifications of traits such as Mercy and Good Will.

ANSWER: **morality** play

14. This monarch's enforcement of Ad Sacram Sedem spelled the end for the Jansenist movement. For 10 points each:

[10] Name this absolute monarch of France nicknamed the "Sun King".

ANSWER: **Louis XIV**

[10] France lost artisans after many of these people left following Louis XIV's passage of the Edict of Fontainebleau, which revoked the rights guaranteed to them by Henry IV's earlier Edict of Nantes.

ANSWER: French **Protestants** [or **Huguenots**]

[10] Under the terms of this treaty ending the War of Devolution, Louis XIV gained control of towns around the Spanish Netherlands. Another treaty of this name assured Maria Theresa's claim to the throne.

ANSWER: Treaty of **Aix-la-Chapelle** [or Treaty of **Aachen**]

15. Answer the following about everyone's favorite dirt-related substance, soil, for 10 points each:

[10] Soil contains small rocks which were broken down by this process. Unlike erosion, this process does not involve the movement of the sediment, and it can be caused by ice cracking or abrasion.

ANSWER: **weathering** [or word forms]

[10] Nutrients are lost from the soil in this process, often caused by excess water irrigation, in which the hydrophilic ions dissolve in the water. This process can also be used to remove salt from the soil.

ANSWER: **leaching** [or word forms]

[10] The topsoil horizon is identified with this letter of the alphabet. This horizon contains a lot of humus.

ANSWER: **O** horizon

16. One battle in this city saw the death of General James Wolfe. For 10 points each:

[10] Name this city, the site of two battles during the 18th Century, one of which took place on the Plains of Abraham.

ANSWER: Quebec City, Quebec [or Ville de Québec]

[10] The first Battle of Quebec took place during this war, the American leg of the Seven Years' War.

ANSWER: French and Indian War

[10] At the second Battle of Quebec, during the Revolutionary War, Benedict Arnold commanded the American troops along with this Irish-born general, who was killed in action.

ANSWER: Richard Montgomery

17. This novel's epigraph is "Vengeance is mine, I will repay." For 10 points each:

[10] Name this novel which ends as Konstantin Levin declares that a bucolic Christian lifestyle is the *best*.

ANSWER: Anna Karenina

[10] Levin marries Kitty Scherbatsky. Earlier in the novel, Kitty had lusted for this cavalry officer, who steals Anna's heart and drives her to commit suicide.

ANSWER: Count Alexei Alexandrovich Vronsky

[10] *Anna Karenina* is by this Russian novelist who also wrote *War and Peace*.

ANSWER: Leo Tolstoy

18. This composer's only ballet was *The Creatures of Prometheus*. For 10 points each:

[10] Name this composer of the bagatelle in A minor "Für Elise." This composer's fifth symphony contains a short-short-short-long "fate" motif.

ANSWER: Ludwig van Beethoven

[10] Works in this category by Beethoven include the "Appassionata" and "Pathétique." Beethoven's most famous work in this form is his 14th, subtitled "Quasi una fantasia," the "Moonlight."

ANSWER: piano sonata [prompt on "sonata"]

[10] This symphony by Beethoven was premiered along with *Wellington's Victory* in 1813. This symphony has a famous "Allegretto" second movement often performed on its own.

ANSWER: Symphony No. 7 [or seventh symphony; Beethoven's 7th, etc; or Op. 92]

19. Several diseases can cause unnatural breathing patterns. For 10 points each:

[10] This disorder, diagnosed by spirometry, results in chronic inflammation of the respiratory tract, causing wheezing and shortness of breath. It's treated with steroids, usually from an inhaler.

ANSWER: asthma

[10] This name is given to the complete suspension of breathing, voluntary or induced, for a given amount of time. This can last for thirty seconds to a minute for some people while asleep.

ANSWER: sleep apnea

[10] Kussmaul breathing is symptomatic of this disorder, whose sufferers often have breath that smells of acetone because it results in ketoacidosis.

ANSWER: diabetes mellitus

20. Answer the following about African languages, for 10 points each:

[10] This language mostly prominent today in East Africa developed as a result of mixing Bantu, Arabic, and some European languages. In this language, "hakuna matata" means no worries, and is generally a wonderful phrase.

ANSWER: Swahili language

[10] In written characters, many African languages such as Xhosa use a character symbolized by an exclamation point. Those sounds are pronounced by making this noise.

ANSWER: alveolar click [accept people actually, like, alveolar clicking]

[10] This is the most common language spoken at home in South Africa. This Bantu language shares its name with a time standard which has replaced Greenwich Mean Time in recent usage.

ANSWER: Zulu

The Round is Now Over.

21. The protagonist is outraged that his worthless sons don't care about the land. For 10 points each:

[10] Name this novel about Wang Lung, the first in a trilogy also including *Sons* and *A House Divided*.

ANSWER: *The Good Earth*

[10] *The Good Earth* was written by this Chinese-American Nobel Laureate.

ANSWER: Pearl S. Buck [or Sai Zhenzhu]

[10] Late in his life, Wang Lung takes some of these objects that he had once given to his wife O-lan and gives them to his mistress Lotus. Coyotito is stung by a scorpion in a novella titled for one of these objects.

ANSWER: pearls