Tournament 15
Round 1

1. The action of this novel is delayed when one character has to travel to a colony for the blind, leading others to discuss the author of the treatise "The Truth About Native Crime." The central character tries to hire a lawyer through the help of Father Vincent and is assisted by his Anglican colleague Msimangu. The protagonist finds out that his sister Gertrude is a prostitute and cannot prevent (*) Absalom's execution for killing Arthur Jarvis. Stephen Kumalo attempts to save his son from the apartheid justice system in, for 10 points, what novel by Alan Paton?

## ANSWER: Cry, the Beloved Country

2. Bertrand Russell criticized this man's approach to mathematics in a work titled The Teaching of this man. One work by this man is preserved only partially and in Arabic; that work is his Divisions. A square, three-dimensional array of line segments is known as this man's orchard. His best-known work includes a proof of the Pythagorean theorem and a (*) fifth postulate that implies requirements for two lines to be parallel. For 10 points, name this Greek mathematician who wrote Elements and is considered the father of geometry.
ANSWER: Euclid of Alexandria
3. The creation myth of this religion includes a story about the so-called 'Leech Child." Another story in this religion tells how Amenouzume (AH-men-oh-oo-zoo-may) drew the sun goddess out of a cave. Harae is a purification rite in this religion, which includes $\left(^{*}\right)$ ujigami and hitogami divisions. Izanagi and Izanami are the main figures in this religion's creation story, and Amaterasu (ah-MAH-teh-RA-soo) is this religion's sun goddess. For 10 points, kami are deities in what Japanese religion that once promoted deification of the emperor?
ANSWER: Shinto
4. This writer opened one work with a description of a banquet entitled "In Vino Veritas." The "Diapsalmata" and "Diary Of A Seducer" are found in an earlier work which contrasted two spheres of existence, the aesthetic and ethical. Another work by this author of Stages On Life's Way used the "knight of faith" and (*) Abraham's sacrifice of Isaac to argue for a "teleological suspension of the ethical". For 10 points, name this Danish philosopher of Either/Or and Fear And Trembling.
ANSWER: Soren Kierkegaard
5. A section of this poem known as the "Lay of the Last Survivor" is sometimes considered to be its fourth funeral. One character in this poem leaves the lake in which she lives in order to get revenge on Heorot (HAIR-ut). She is killed by this poem's hero, who later kills a dragon with the help of Wiglaf and earlier comes to the aid of (*) Hrothgar, killing a monster which has been ravaging his court. For 10 points, name this Old English poem whose title character slays Grendel.
ANSWER: Beowulf
6. This dynasty gained power after the capture of Beijing by the bandit Li Zicheng. One ruler of this dynasty allowed the corrupt officer Heshen to gain power and was called the Qianlong Emperor. One uprising during this dynasty was co-led by a man who believed himself to be the younger brother of Jesus; that was the Taiping Rebellion. Other conflicts occurring during this period were the (*) Opium War and the Boxer Rebellion. For 10 points, name this dynasty also named for its ruling ethnicity, the Manchus, which became the last dynasty of China.
ANSWER: Oing Dynasty [or Manchu Dynasty before mentioned]
7. He's not Giuseppe Verdi, but this composer used a Friedrich Schiller play for the basis for his opera about Joan of Arc, The Maid of Orleans. He wrote his own libretto for his opera about the guardsman of Ivan the Terrible, The Oprichnik. Tatyana does not return the title character's love in his (*) Eugene Onegin, while another of his operas ends with Hermann killing himself after seeing the titular card. For 10 points, name this Russian composer of The Queen of Spades who also composed the 1812 Overture .
ANSWER: Pyotr Ilyich Tchaikovsky [or Peter Ilich Tchaikovsky]
8. This man organized and led the leftist faction at the Zimmerwald Conference. This man authored the 'April Theses" during his return from exile in Switzerland in a sealed train car. Upon his return, this man deposed Kerensky's Provisional Government. This leader was forced to go against his principles with the New Economic Policy, which replaced his earlier War Communism. This man was supported by the (*) Red Army and his party had been opposed earlier by the Mensheviks. For 10 points, name this head of the Bolsheviks and first leader of Soviet Russia.
ANSWER: Vladimir Ilyich Lenin [or Vladimir Ilyich Ulyanov]
9. One species in this class known as tropicalis is increasingly used as a model organism because it is diploid unlike a more commonly used tetraploid species in the same genus. Organisms in this class are dying off from the disease chytridiomycosis (KYE-tridd-ee-oh-my-KO-sis). Order Gymnophonia in this class contains caecilians (say-SILL-yinns), while (*) Anura contains the organism in which the gray crescent was discovered. Organisms in this class undergo a metamorphosis that often includes the development of kidneys and lungs. For 10 points, name this class that includes newts, salamanders, and frogs.
ANSWER: Amphibia [or Lissamphibia; or amphibians]
10. This artist developed the "Zone System" and collected many of his works in Born Free and Equal, which depicted the plight of interred Japanese-Americans. With Edward Weston and Imogen Cunningham, he created the group f/64 (F STOP 64). He depicted a dark sky over a cemetery on the plains in (*) Moonrise, Hernandez, New Mexico, while his other works include Moon and Half Dome. For 10 points, name this American photographer most famous for his photos of the Yosemite Valley. ANSWER: Ansel Adams
11. In this novel, Morrel is given money to save his shipping business due to the fact that he helped the title character's father. One character in this work, Ferdinand Mondego, obtained a fortune by betraying Pasha Ali in the Greek Revolution. Villefort goes mad at the end of this novel, and he had earlier plotted against the title character to hide his father's Bonapartist connections. The title character was arrested on the day he was to wed (*) Mercedes. For 10 points, name this novel about Edmond Dantes' escape from the prison of Chateau d'If, a work by Alexander Dumas.
ANSWER: The Count of Monte Cristo [or Le Comte de Monte Cristo]
12. This man controversially supported the Fugitive Slave Act in his Seventh of March speech. He concluded a speech in a debate with Robert Hayne with the words, 'Liberty and Union, now and forever, one and inseparable!" This man argued that a state could not revoke a charter granted to his alma mater in the Supreme Court. As Secretary of State under (*) William Henry Harrison and John Tyler, he negotiated a treaty defining the border between Maine and Canada. For 10 points, name this orator from New Hampshire who negotiated a treaty with Baron Ashburton.
ANSWER: Daniel Webster
13. He drew on Jungian psychology for his early The She-Wolf, and was photographed at work by Hans Namuth. This man incorporated objects such as nails, buttons, and a torn cigarette into his 1947 painting Full Fathom Five, which was executed using the same technique as Number 1, 1950, popularly known as (*) Lavender Mist. For 10 points, name this husband of Lee Krasner, an Abstract Expressionist whose "action painting" involved dripping paint directly onto the canvas.
ANSWER: Jackson Pollock [prompt on Jack the Dripper]
14. "Magma" is the tool used by third party developers in this series's namesake "network", which allows for user-generated downloadable content. One entry in this series introduced a mechanic allowing for three-part harmony, a renamed "Overdrive", and settings including the (*) Ed Sullivan Show and Abbey Road "dreamscapes." A more recent entry allows players to perform the entirety of American Idiot. For 10 points, name this Harmonix video game with Green Day and Beatles versions, a competitor to Guitar Hero.
ANSWER: Rock Band
15. This man's work was critiqued by Henry Hazlitt in the book The Failure of the New Economics. His macroeconomic theory is modelled by John Hicks' IS/LM model. He predicted that the Treaty of Versailles would lead to disastrous consequences in The ( ${ }^{*}$ ) Economic Consequences of the Peace. For 10 points, name this British economist who wrote The General Theory of Employment, Interest and Money and is the namesake of the mainstream school of macroeconomic thought.
ANSWER: John Maynard Keynes
024-10-19-01116
16. The title entity of this poem is "cunning as a savage pitted against the wilderness" and laughs as "an ignorant fighter laughs who has never lost a battle." The speaker believes it when he is told that the title entity is wicked, for has seen its "painted women under the gas lamps luring the farm boys." This poem's first three lines are repeated in its last line, which states that it is proud to be the "Stacker of (*) Wheat" and "Hog Butcher for the World." For 10 points, name this poem by Carl Sandburg which is about various opinions on the Windy City.
ANSWER: "Chicago"
17. This city's Tiradentes Palace is home to a state legislature, and its Tijuca National Park is one of the largest urban forests in the world. This city's Sambodrome is found on the Marques de Sapucai. Located on Guanabara Bay, this city's landmarks include a statue on (*) Corcovado Peak. The Avenida Atlantica is located near its Copacabana Beach, and Sugar Loaf Mountain is also found here. For 10 points name this Brazilian city which is overlooked by the Christ the Redeemer statue.
ANSWER: Rio de Janeiro
030-10-19-01118
18. Jaeger's (YAY-gurs) method measures this quantity by measuring the pressure required to form a small bubble. It is denoted by lowercase gamma and is most commonly expressed in dynes ('DINES'') per centimeter. The contact angle is the arccosine of the negative of the ratio of this value for a liquid-solid interface to this value for a liquid-gas interface. DPPC reduces this quantity in alveoli (AL-vee-OH-lie); it, like many (*) detergents, is an example of a surfactant. For 10 points, name this property of liquids that allows small insects to walk on water.
ANSWER: surface tension
003-10-19-01119
19. This war is considered to include the first of a series of wars fought over Madras in India called the Carnatic Wars. It included the Battle of Dettingen, the last time an English king led troops into battle. Its North American phase included the Siege of Louisbourg and was called King George's War. Also including the War of Jenkins' Ear, it was sparked by (*) Frederick the Great disobeying the Pragmatic Sanction of 1713 . Ended by the Treaty of Aix-la-Chapelle, for 10 points, name this war fought over the ascension of Maria Theresa to a throne in Vienna.
ANSWER: War of the Austrian Succession
20. One way of denoting these mathematical objects is the name of the object colon a set right arrow another set. Combining several of these entities to form a new one is known as (*) "composition" and they are sometimes called a map. These entities can be surjective if their image equals their co-domain and they are bijective under more stringent conditions. Since these entities can only have one output for each input, one simple way of testing for them is the vertical line test. For 10 points, name this type of mathematical entity typically written in the form $f(x)$ ("f of $x$ ").
ANSWER: $\underline{\text { function }}$ [prompt on map before mentioned]
21. This figure told a group of thirty men a riddle about meat and sweetness, which this figure formed from his finding honey in the carcass of a lion. Anger caused this man to set fire to torches tied into the tails of three hundred foxes, which he set loose into crops. This man lied three times to a woman who later (*) betrayed him to the Philistines. While a prisoner, this man killed himself and many others by bringing down a temple of Dagon. For 10 points, name this Biblical Judge who was betrayed by Delilah and whose incredible strength came from his unshaven hair.
ANSWER: Samson [or Shimshon]
22. This poet of the collection Deaths and Entrances wrote that "time held me green and dying / though I sang in my chains like the sea" in "Fern Hill." He depicted the inhabitants of Llareggub in the "play for voices" Under Milk Wood, and eulogized his father in a (*) villanelle which claimed, "Old age should burn and rave at close of day." For 10 points, name this Welsh poet who wrote "Rage, rage against the dying of the light" in "Do Not Go Gentle into That Good Night."
ANSWER: Dylan Thomas
23. The vertical component of the effect caused by this force is sometimes named for Eotvos. The ratio of inertial forces to the magnitude of this force is a dimensionless number named for Rossby. This force causes the apparent $(*)$ deflection of objects moving in rotating reference frames. For 10 points, name this fictitious force that causes winds to deflect to the north and south of the equator, which is responsible for the formation of cyclones.
ANSWER: Coriolis force [or Coriolis Effect]
24. Name these incidents involving American cults, for 10 points each:
[10] In 1993, outside of this Texas city, the ATF besieged a group of Branch Davidians led by David Koresh for 51 days. Eventually, their compound burned down, killing 75 cultists.
ANSWER: Waco, TX
[10] Members of this California UFO cult, led by Bonnie Nettles and Marshall Applewhite, committed suicide in 1997 in response to the approach of the Hale-Bopp comet.
ANSWER: Heaven's Gate
[10] This town in Guyana was home to a cult called the "People's Temple." After members of the cult shot visiting Congressman Leo Ryan, the cultists committed mass suicide by drinking poisoned Flavor-Aid. ANSWER: Jonestown
25. An invertible one of these mathematical objects is known as non-degenerate. For 10 points each: [10] Name this array of numbers with columns and rows that are often used to solve systems of linear equations.

## ANSWER: matrix [accept matrices]

[10] One can multiply two matrices together only if the number of columns in the first matrix is equal to this property of the second.
ANSWER: the number of rows [accept equivalents]
[10] One can use the values determinants of coefficient matrices to solve the corresponding systems of equations using this rule named after a Swiss mathematician.
ANSWER: Cramer's Rule
3. Name these robber barons, for 10 points each.
[10] This financier engineered the creation of General Electric and US Steel and led the coalition that helped head off the Panic of 1907.
ANSWER: John Pierpont Morgan
[10] This rival of Jay Gould made enough money through his New York railroad empire to endow a namesake Tennessee university.
ANSWER: Cornelius Vanderbilt
[10] This earlier magnate was the wealthiest man in America at his 1848 death thanks to the enormous profits from his Pacific Fur Company.
ANSWER: John Jacob Astor
4. Causes of this event included William Sancroft's acquittal for sedition and the birth of a son to James II and Mary of Modena. For 10 points each:
[10] Identify this 1688 change of power, which led to the adoption of the English Bill of Rights, the exclusion of Catholics from the throne, and James's flight out of England.
ANSWER: Glorious Revolution [or Bloodless Revolution; prompt on Revolution of 1688]
[10] James was replaced on the English throne by these two co-rulers from the Netherlands, who jointly became the namesake of a Virginia college.
ANSWER: William III and Mary II [both answers required, either order acceptable; prompt if only one answer given]
[10] James changed his mind in 1690 and attempted to retake the throne, but was defeated at this battle in Ireland, to be followed by the similar Battle of Aughrim the following year.
ANSWER: Battle of the Boyne
5. This poem states that "so much depends" upon the title object of this poem, which is "beside the white chickens." For 10 points each:
[10] Name this brief poem.
ANSWER: "The Red Wheelbarrow"
[10] "The Red Wheelbarrow" is a work by this American poet and medical doctor who also wrote a collection of essays on historical figures, In the American Grain.
ANSWER: William Carlos Williams
[10] William Carlos Williams also wrote this poem, in which the speaker apologizes for eating "the plums that were in the icebox," which were "delicious, so sweet and so cold."
ANSWER: "This Is Just to Say"
6. Name these groups of Jewish people, for 10 points each.
[10] Literally meaning "German", this group developed the Yiddish language, and are one of the two groups of European Jews, along with the Mediterranean Sephardic.
ANSWER: Ashkenazi Jews
[10] Along with the Reconstructionists, this liberal group is affiliated with Progressive Judaism. Considered more lenient than Conservative Judaism, it is currently the largest American denomination.
ANSWER: Reform Jews
[10] Jews from this African country are also known as "Beta Israel". They claim to be descended from either the Queen of Sheba or the lost Tribe of Dan.
ANSWER: Ethiopia
7. One ruler of this dynasty reportedly tore up a letter from Muhammad, who prophesied that his kingdom would be torn up in turn. For 10 points each:
[10] Identify this dynasty that supplanted the Parthian Empire and ruled from 224 to 651 AD, at which point it fell to Muslim invaders.
ANSWER: Sassanid Empire [or Sassanian Empire]
[10] The Sassanids ruled this historical region, which was later ruled by the Safavid and Qajar dynasties before having its named changed to Iran.
ANSWER: Persia
[10] Modern-day Iran is controlled by either a religious or political Supreme Leader, which has been held by two men with this title. Those two Supreme Leaders of this title were Ruhollah Khomeini and Ali Khamenei.
ANSWER: Grand Ayatollah
8. Kirchhoff reformulated this law in terms of current density and the electric field. For 10 points each: [10] Name this law which relates the current through a conductor to the ratio of the voltage and resistance in that conductor.
ANSWER: Ohm's Law
[10] When an inductor is introduced to an AC circuit system, this complex generalization of the resistance can be included in a reformulation of Ohm's Law.
ANSWER: Impedance [or $\underline{\mathbf{Z}}$ ]
[10] The reciprocal of the impedance is known as the electric admittance, and is measured in these units also used to measure conductance.
ANSWER: Siemens [or mhos]
9. This language was developed by James Gosling at Sun Microsystems in the 1990's. For 10 points each: [10] Name this language that uses a similar syntax as C++, but importantly can be compiled into class files on a Virtual Machine, which is platform independent.
ANSWER: Java
[10] The Java programming language is an example of this computer language paradigm that utilizes class implementation and methods that are contained within those classes. Other languages include Smalltalk. ANSWER: Object Oriented Programming [accept OOP]
[10] This design concept from OOP, sometimes called "information hiding," refers to the set of mechanisms used to restrict access to the internal components of an object. Some consider inheritance to break it.
ANSWER: Encapsulation
10. One character in this play drives her lover to suicide by drowning her illegitimate child. For 10 points each:
[10] Name this play in which Garcin concludes that "Hell is other people."
ANSWER: No Exit [or Huis Clos]
[10] This philosopher and writer, who declined the 1964 Nobel Prize in Literature, wrote No Exit.
ANSWER: Jean-Paul Charles Aymard Sartre
[10] Sartre also wrote this novel in which Antoine Roquentin experiences the titular malady.
ANSWER: Nausea [or La Nausée]
11. This man wrote a novella about an European painter who was sometimes called Li Po, Klingsor's Last Summer. For 10 points each:
[10] Name this author of The Glass Bead Game and Siddhartha.
ANSWER: Hermann Hesse
[10] This Hesse novel is about Harry Haller, the titular being, who meets Hermine and eventually stabs her. ANSWER: Der Steppenwolf
[10] In this Hesse novel, Emil Sinclair meets and befriends the title character, who impresses his beliefs on Emil.
ANSWER: Demian: The Story of Emil Sinclair's Youth [Demian: Die Geschichte von Emil Sinclairs Jugend]

001-10-19-01211
12. The first successful ascent of this peak, in 1954, came through the use of the Abruzzi Ridge. For 10 points each:
[10] Name this mountain that is the second highest peak in the world.
ANSWER: K2 [or Qogir Feng; or Mount Godwin Austen; or Chogori; or Dapsang]
[10] K2 is located in this range, which stretches eastward from eastern Afghanistan into western China and the Kashmir region.
ANSWER: Karakoram Range [or Karakorum Shan]
[10] K2 straddles the border of China and this country, in whose Gilgit-Baltistan portion of the Kashmir region it lays. This country was partitioned out of India in 1947 as a Muslim homeland.
ANSWER: Islamic Republic of Pakistan [or Jamhuryat Islami Pakistan]
13. This opera's prologue features a debate between the gods of fortune, love, and virtue. For 10 points each:
[10] Name this opera based on the writings of Tacitus and Suetonius. Its title character marries Nerone to become empress.
ANSWER: The Coronation of Poppea [or L'Incoronazione di Poppea]
[10] The Coronation of Poppea was written by this Italian composer, who composed the aria "Possente Spirito" for L'Orfeo.

## ANSWER: Claudio Monteverdi

[10] Monteverdi was a composer from this period, which lasted from 1600 to 1750 and takes its name from the Portuguese for "misshapen pearl." This period gave way to the Classical period.
ANSWER: the Baroque period [do not accept "Rococo"]
14. Pedro Camacho's soap operas make up alternating chapters of this novel. For 10 points each:
[10] Name this novel in which Mario falls in love with his older relative.
ANSWER: Aunt Julia and the Scriptwriter
[10] Aunt Julia and the Scriptwriter was written by this Peruvian author of The War of the End of the World and The Time of the Hero.
ANSWER: Mario Vargas Llosa
[10] Mario Vargas Llosa's The Bad Girl is a rewriting of this Frenchman's scandalous novel, Madame Bovary. This man also wrote "A Simple Heart" and Bouvard and Pechuchet.
ANSWER: Gustave Flaubert
15. Answer these questions about piano sonatas, for 10 points each.
[10] This piano sonata, Beethoven's fourteenth, has a nickname deriving from a certain meteorological phenomenon over Lake Lucerne.
ANSWER: Moonlight Sonata
[10] This Russian composer wrote twelve piano sonatas, including two nicknamed White Mass and Black Mass. His orchestral works include the Poem of Ecstasy and Prometheus, The Poem Of Fire.
ANSWER: Alexander Nikolayevich Scriabin
[10] This other piano sonata by Beethoven, his eighth, shares its nickname with the sixth and final symphony by Peter Tchaikovsky.
ANSWER: Sonata Pathétique
16. It centers on a seemingly tranquil community that Nick Monohan moves to in order to assume the position of chief of police. For 10 points each,
[10] Name this ABC series that premiered over the summer of 2010. Other characters in it include Andie Bates, a succubus, and Devon, a witch.
ANSWER: The Gates
[10] The Radcliffs, from The Gates, are this type of creature, also exemplified by Edward from the Twilight series.
ANSWER: vampires
[10] On the series, Claire Radcliff is played by this actress, a former regular on both Boston Legal and Nip/Tuck, who has also appeared in the movies Doomsday and Underworld: Rise of the Lycans.
ANSWER: Rhona Mitra
17. This gland is divided into the anterior lobe, posterior lobe, and intermediate lobe, the last of which sends out the skin pigment controlling melanocyte-stimulating hormone. For 10 points each:
[10] Name this "master" gland of the endocrine system.
ANSWER: pituitary gland
[10] The pituitary gland is located at the base of this part of the brain that is responsible for temperature regulation, the circadian rhythm, and regulation of other autonomic processes.
ANSWER: hypothalamus
[10] This hormone from the anterior lobe stimulates the secretion of testosterone in males, and a surge of this hormone causes ovulation in females.
ANSWER: luteinizing hormone [or LH; or lutropin]
18. This work is made up of thirty-two separate canvasses, each depicting a word that distinguishes it from the rest. For 10 points each:
[10] Name this work that shows the many varieties of the red and white title objects.
ANSWER: 32 Campbell's Soup Cans
[10] This American artist who worked at The Factory created Campbell's Soup Cans, as well as a painting of 200 One Dollar Bills.
ANSWER: Andy Warhol [or Andrew Warhola]
[10] Warhol belonged to this artistic movement, which took images from contemporary culture and incorporated those images into the works.
ANSWER: Popular Art
19. This religion disputes the accuracy of the filioque (FILL-ee-AH-kay) clause, instead claiming that the Holy Spirit proceeds only from the Father. For 10 points each:
[10] Name this branch of Christianity that is common in Greece and Russia.
ANSWER: Eastern Orthodox Church [or Orthodox Catholic Church]
[10] This position is the head of the Eastern Orthodox Church and preaches from the Church of St. George in the Phanar. The 270th and current man to hold this position is Bartholomew.
ANSWER: Ecumenical Patriarch of Constantinople [or Ecumenical Patriarch of Constantinople; prompt on Patriarch]
[10] This 1054 event led to the creation of the Eastern Orthodox Church. In it, Pope Leo IX and the Patriarch of Constantinople, Michael Cerularius, mutually excommunicated each other.
ANSWER: Great Schism [or East-West Schism; or Eastern Schism; prompt on answers including Schism; do not accept "Western Schism"]
20. This event occurred two days after a failed assassination attempt on Admiral Gaspard de Coligny. For 10 points each:
[10] Name this massacre of Huguenots that occurred in 1572. It is generally thought to have been begun on the orders of Catherine de'Medici.
ANSWER: St. Bartholomew's Day massacre [or Massacre de la Saint-Barthélemy]
[10] Many Huguenots were gathered in Paris for the marriage of this future King of France to Margaret of Valois (val-WAH). This Bourbon inherited the throne after winning the war of three people who shared his name.
ANSWER: Henry IV of France [or Henry III of Navarre; or Henry the Great; prompt on Henry; do not accept or prompt on "Henry III"]
[10] During his reign, Henry IV issued this document, which gave Huguenots several religious rights in Catholic France and marked the end of the Wars of Religion.
ANSWER: Edict of Nantes
083-10-19-01220
21. One scene of this novel sees the protagonist kill one of his cellmates, after which the authorities force him to watch films of severe violence. For 10 points each:
[10] Name this novel which sees the protagonist Alex and his "droogs" speak a slang invented by its author. It was adapted into a film by Stanley Kubrick.
ANSWER: A Clockwork Orange
[10] This English writer wrote A Clockwork Orange, as well as novels such as The Doctor Is Sick and Earthly Powers.
ANSWER: Anthony Burgess
[10] This is the language which Burgess invented in A Clockwork Orange. It is influenced by Russian and Cockney rhyming slang.
ANSWER: Nadsat

