Tournament 23
Round 6
Tossups

1. In one play by this writer, both Vera and Natalya fall in love with a tutor named Belyayev. In a novel by this writer, the protagonist wounds the aristocratic Pavel in a duel arising from a kiss he gave to the servant Fenichka. In that novel, this author of A Month in the Country created the aloof Madame Odintsova, who visits the deathbed of (*) Arkady Kirsanov's friend, the nihilist Bazarov. For 10 points, name this Russian author of Fathers and Sons.
ANSWER: Ivan Sergeyevich Turgenev
130-12-53-06102
2. This man was inspired by the "Stanze" of Politian to create a painting in which Hermes lifts his caduceus to stir up some clouds. In that painting, he depicted Zephyr abducting Chloris on the left, while a fully-clothed Venus stands at the center in a flower grove. This disciple of Savonarola painted another work in which one of the Graces offers a (*) cape to clothe the title character, who stands nude on a giant seashell. For 10 points, name this Florentine artist of Primavera and The Birth of Venus. ANSWER: Sandro Botticelli

048-12-53-06103
3. One poem by this author closes with the couplet, ''These delights, if thou canst give, Mirth, with thee, I mean to live." He described pastoral Greek characters like Amaryllis and "the pilot of the Galilean lake" in his elegy to a drowned friend. This author of "L'Allegro" also wrote a poem which intends to (*) "justify the ways of God to men." That work describes the defeat of Satan's army of rebel angels and the banishment of Adam and Eve from the Garden of Eden. For 10 points, name this English poet who wrote "Lycidas" and Paradise Lost.
ANSWER: John Milton
020-12-53-06104
4. The strength of these events is measured on the Mercalli scale. These events can cause liquefaction. Shadow zones are associated with these events. The Zipingu Dam may have been the cause of one of the 2008 one of these events in the Sichuan Province of China. Many of these events occur along (*) transform faults and are due to strike-slip behavior, such as the ones that occur along the San Andreas Fault. For 10 points, name these seismic events one of which caused a tsunami in Japan in 2011. ANSWER: earthquakes [or tremors; or temblors]

149-12-53-06105
5. In its last book, a revived dead man describes how dead people choose their reincarnations in the myth of Er. The soul is said to be split into appetitive, rational, and spirited parts in a speech to Adeimantus in this work, in which the idea that superior people have gold in their blood is called a "noble lie." Poetry ought to be banned by (*) philosopher-kings, according to this ten-book work, which allegorizes an unschooled person's view of reality as shadows on the wall of a cave. For 10 points, name this Platonic dialogue about justice and the ideal city-state.
ANSWER: Plato's Republic [or Politeia]
6. This man formed the Indian Defense League in response to Ramsey MacDonald's talks with Gandhi. As Chancellor of the Exchequer, this man returned Britain to the Gold Standard. As First Lord of the Admiralty, he gained disfavor for allowing the Gallipoli Campaign. In one speech, this man stated that it was Great Britain's "finest hour." This man agreed to the (*) Atlantic Charter with Roosevelt. For 10 points, name Great Britain's Prime Minister during World War II.
ANSWER: Winston Leonard Spencer Churchill
149-12-53-06107
7. Extra-Biblical legends about this person say that she went to Ephesus with St. John and married the evangelist, or that she lived in a cave in the Alps for thirty years after evangelizing Provence. Gregory the Great proclaimed that she was identical to the person who wipes Jesus's feet with her hair in John 12. Elsewhere in the Gospels, she sees the (*) Crucifixion, then finds the tomb empty and becomes the first to see the resurrected Jesus. For 10 points, name this woman who is often called a repentant prostitute and is cleansed of "seven sins."
ANSWER: Mary Magdalene [or Mary of Magdala; or Mary of Bethany; do not accept or prompt on "Mary"]

019-12-53-06108
8. The creator of this system was taught and influenced by Valentine Hauy. Charles Barbier developed a prototype of this system to help Napoleon's soldiers communicate in secret. Contractions and abbreviations are present in "Grade 2" of this system, but not "Grade 1." Often implemented with a ${ }^{*}$ ) slate and stylus, this system uses different permutations of a six-dot cell to represent different letters. For 10 points, name this writing system developed to help the blind read. ANSWER: Braille

080-12-53-06109
9. One member of this family narrowly lost the Republican presidential nomination to Barry Goldwater, whom that man refused to endorse. That man was a four-term governor of New York and lent this name to the liberal wing of the Republican party in the 1960s and 70s. Another member of this family owned a company that was the subject of a series of attacks in articles in McClure's written by ${ }^{(*)}$ Ida Tarbell. For 10 points, name this family whose patriarch John D. was the owner of Standard Oil.
ANSWER: Rockefeller family
121-12-53-06110
10. Fractures in this bone commonly occur in either its surgical neck or along a spiral groove in its body, which contains the deep brachial (BRAH-key-uhl) artery. One side of this bone forms a joint in the glenoid fossa (GLEE-noyd FAH-suh), while the other side contains the lateral and medical epicondyle (eh-pih-CON-die-uhl). This bone forms a ball-and-socket joint with the (*) scapula, and also forms a joint with both the radius and ulna. The bicep and tricep muscles run along this bone. For 10 points, name this bone found in the upper arm.
ANSWER: humerus
11. In one of this man's stories, a young girl discusses the arrival of her father on a "nairiplane" with a man who wears a bathrobe on the beach. The protagonist of one of his novels considers Mr.
Antolini's actions 'flitty." Earlier, that character wonders where the ducks in Central Park go in the winter. This man's story "A (*) Perfect Day for Bananafish" introduced Seymour, the eldest son of the Glass family. For 10 points, name this American novelist who created D.B.'s brother Holden Caulfield in The Catcher in the Rye.
ANSWER: Jerome David Salinger
132-12-53-06112
12. Tchaikovsky's symphony of this number is known as the "Polish Symphony;" another five-movement symphony of this number is Schumann's 'Rhenish." Mahler's symphony of this number has a setting of "O Mensch" from Thus Spake Zarathustra (zah-rah-THOO-struh) among its six movements. Another symphony of this number celebrates "the memory of a (*) great man," following the composer's decision not to dedicate it to Napoleon. For 10 points, give this number of Beethoven's "Eroica."
ANSWER: Symphony No. $\mathbf{3}$ [accept obvious equivalents]
142-12-53-06113
13. Significant languages spoken by immigrants to this country include Kayble. In its south, a community of two million speakers uses dialects, such as Auvergnat, of the Romance language Occitan. This country also contains half a million Arabic speakers and, though it is not Belgium, nearly one hundred thousand Flemish speakers. The (*) Toubon Law mandates that the only language used in public contexts here is the one this country exported to its former colonies of Congo, Algeria, and Haiti. For 10 points, name this European country which shares the speakers of Basque with its southern neighbor, Spain.
ANSWER: France [or French Republic; or République Française]
019-12-53-06114
14. During the golden age of this dance form in the late nineteenth century, many performers got their start in music cafes. Unique to this dance form is a twelve-beat cycle, which has three forms known as solea, seguiriya, and buleria. It uses the Phrygian mode to form the (*) "Andalusian" cadence. Antonio Mairena is a key figure in the renaissance of this dance form, which sometimes uses castanets. Inspired by gypsy music, it consists of guitar playing, singing, and handclaps. For 10 points, name this dance from Spain.
ANSWER: flamenco
020-12-53-06115
15. In spinning rooms where the floor falls out, this force is equal to the normal force exerted on a mass. In the case of an object going around a banked curve without friction, this force is the horizontal component of the (*) normal force. For a car going around a flat curve, this force is caused by the friction between the tires and the road. For 10 points, name the pseudoforce that causes objects to accelerate along circular paths equal to mass times radius times omega squared, or mass times velocity squared over radius.
ANSWER: centripetal force [prompt on "centripetal acceleration"]
16. One poem by an author from this country begins "willow of crystal, a poplar of water" and repeats that line six lines from the end. An author from this country wrote the poem "Sun Stone" and collected nine essays about its history in The Labyrinth of Solitude. Another author wrote a stream-of-consciousness novel about a dying, corrupt businessman from this country named (*) Artemio Cruz. For 10 points, name this home of Carlos Fuentes and Octavio Paz, who was influenced by the Aztec calendar.
ANSWER: Mexico [or United Mexican States; or Estados Unidos Mexicanos]
132-12-53-06117
17. One ruler of this family returned the crown jewels to Naples after abdicating. This family was overthrown by the risorgimento in Naples, where they lost to Garibaldi's men. The Congress of Vienna decreed that this dynasty must be restored. This dynasty was replaced by the House of Orleans during the July Revolution that deposed Charles X. The builder of (*) Versailles and Louis XVI were members of this house. For 10 points, name this French and Spanish dynasty started in 1589 by Henry IV.
ANSWER: House of Bourbon
124-12-53-06118
18. This is the heaviest element in a hydrazine (HIGH-druh-zeen) molecule. When dissolved in the blood, this element can cause capillary blockage, also called decompression sickness. This element forms a diatomic gas in which it forms $\mathbf{a}\left({ }^{(*)}\right.$ triple bond with itself. This nonmetal bonds to a carbon in both a cyanide ion and an amine (AH-meen) functional group, and this element's namesake fixation converts it to ammonia. For 10 points, name this chief component of Earth's atmosphere that has atomic number 7 and symbol N .
ANSWER: nitrogen
131-12-53-06119
19. One of the Chagos Islands in this body of water contains joint US and UK military bases. The west edge of this body of water is home to the Merina people. Diego Garcia is found here, as are Mayotte and Reunion, two overseas departments of France. Twenty-six atolls in this ocean contain the 1190 islands of the $\left(^{*}\right)$ lowest country in the world, the Maldives. The eastern part of this ocean was devastated by a 2004 earthquake and tsunami. For 10 points, name this third-largest ocean.
ANSWER: Indian Ocean
020-12-53-06120
20. These two countries met at the Convention of Tientsin and supported opposite groups in the Gapsin affair. The first modern war between these two countries ended after the capture of Weihaiwei. The second conflict between these two countries began when the army of one exploded a railroad in the Mukden Incident. That incident resulted in one of these countries placing (*) Pu-Yi as head of Manchukuo. For 10 points, name these two Asian countries that fought with each other during the Rape of Nanjing.
ANSWER: China and Japan [accept in any order; prompt on partial answer]
21. This author wrote a novel in which the protagonist falls in love with the door-slammer Clavdia Chauchat (CLAHV-dee-uh show-SHOT), who leaves him and returns with Mynheer Peeperkorn. One work by this author follows a family of merchants in Lubeck originally led by Old Johann as it declines over several generations. In addition to Buddenbrooks, he wrote a novella in which the Polish boy (*) Tadzio (TAHD-zee-oh) becomes the object of infatuation for the protagonist. For 10 points, name this German author who created the characters of Hans Castorp in The Magic Mountain and Gustav von Aschenbach in Death in Venice.
ANSWER: Thomas Mann
141-12-53-06122
22. This ruler established trial by jury in the Assizes of Northampton and the Assizes of Clarendon. His predecessor was forced to sign the Treaty of Wallingford, which assured that this man would become king. This ruler issued the Constitutions of Clarendon to curb the power of the Church as part of his feud with Thomas Becket. Eleanor of Aquitaine bore him several sons, including (*) Richard the Lionheart. For 10 points, name this first Plantagenet king of England.
ANSWER: Henry II of England [or Henry Curtmantle; or Henry Fitz-Empress; prompt on Henry]
23. These structures can result from a proline to leucine switch on chromosome 20, which causes a disease attributed to them. The fungal varieties of these, such as PSI+, are not always harmful. In humans, mutations in the gene that creates PrP can result in the production of these. They cause transmissible spongiform encephalopathies (en-SEH-fah-loh-path-ees) such as (*) scrapie. Fatal familial insomnia, Creutzfeldt-Jakob (CROITZ-felt-Jacob) disease, and kuru are all caused by these. For 10 points, name these dangerously folded proteins that cause mad cow disease.
ANSWER: prions

# Tournament 23 

Round 6
Bonuses
hsapq

1. Before being dominated by Adolf Hitler, this country was governed by its president Tomas Masaryk. For 10 points each:
[10] Name this former central European country that held the Sudetenland and separated into two countries in 1993.
ANSWER: Czechoslovakia [or Ceskoslovensko]
[10] Czechoslovakia experienced this brief period of liberalization that offered its people socialism with a human face.
ANSWER: Prague Spring
[10] The Prague Spring was led by this first secretary of the Communist Party of Czechoslovakia.
ANSWER: Alexander Dubcek
130-12-53-06201
2. Answer the following questions about the chemistry of crystals, for 10 points each.
[10] A seed crystal may be used to initiate precipitation in a solution which contains more solute than allowed under normal conditions, given this name.
ANSWER: supersaturation [accept word forms like supersaturated solution; prompt on saturation] [10] Many crystalline solids, such as sodium chloride, are held together by these bonds between particles with opposite electric charges.
ANSWER: ionic bonds
[10] This cubic crystal structure, which packs atoms more efficiently than cubic but less efficiently than face-centered cubic, contains two atoms per unit cell.
ANSWER: body-centered cubic [or bcc]
132-12-53-06202
3. In this volume of short stories, a black lawn statue causes a bigoted grandfather to realize a truth about injustice. For 10 points each:
[10] Name this 1955 collection whose title short story details the murder of the Grandmother and her family by the Misfit.
ANSWER: A Good Man Is Hard to Find
[10] A Good Man Is Hard to Find was written by this Southern writer.
ANSWER: Mary Flannery O'Connor
[10] Flannery O’Connor wrote this novel about Hazel Motes, who founds the Church Without Christ. ANSWER: Wise Blood
4. Answer the following about the 2006 NBA Finals, for 10 points each:
[10] The Miami Heat won the 2006 NBA Finals by defeating this team. It later won the 2011 title behind Dirk Nowitzki.
ANSWER: Dallas Mavericks [or Dallas Mavericks]
[10] The Heat won Game 3, with a jump shot by this point guard sealing the victory. Nicknamed "The Glove," he was a top player in the mid-90s on the Seattle SuperSonics with Shawn Kemp.
ANSWER: Gary Payton
[10] This center and co-captain for the Heat was flagrantly fouled by Jerry Stackhouse during Game 4. He was later traded to the Suns and retired after stints with the Suns, Cavaliers, and Celtics.
ANSWER: Shaquille O'Neal [or Shaq]
088-12-53-06204
5. Russell Simmons and Mia Farrow urged a boycott of this store after it pulled advertising from the TLC reality show All-American Muslim. For 10 points each:
[10] Name this retail store.
ANSWER: Lowe's
[10] Lowe's withdrew the ads after protests from a "family association" named for this state. Pastor Terry Jones burned a Qu'ran in this state earlier in 2011.
ANSWER: Florida
[10] In 2010, anti-Muslim sentiment focused on attempts to build a Muslim community center called Park51. Critics alleged the building would be too close to this site, the name usually given to the remnants of the World Trade Center.
ANSWER: Ground Zero
015-12-53-06205
6. The Shakman decrees ended this practice in Chicago in 1983. For 10 points each:
[10] Name this practice in which victorious political parties in the U.S. awarded government jobs to their supporters.
ANSWER: spoils system [or patronage system]
[10] The name "spoils system" came from the quote "To the victor belong the spoils of the enemy," spoken by William Marcy, the Secretary of State under this fourteenth President of the U.S., a Democrat.
ANSWER: Franklin Pierce
[10] The spoils system in federal government was addressed by this 1883 piece of legislation sponsored by an Ohioan under Chester A Arthur.
ANSWER: Pendleton Civil Service Reform Act
7. In Campbell v. Acuff-Rose Music, the Supreme Court affirmed that this concept applied to a rap version of the song "Pretty Woman." For 10 points each:
[10] Name this exception to copyright protection, which allows the public to use part of a copyrighted material freely if that portion is used for commentary or criticism.
ANSWER: fair use
[10] Fair use often applies to these works, which distort distinctive features of a work to make a new work that is ridiculous and often humorous. They include The Battle of Frogs and Mice, The Sweeniad, and Spaceballs.
ANSWER: parody [or parodies]
[10] In the so-called "Betamax case," the Supreme Court ruled that this activity, even when it resulted in a copy of a complete copyrighted work, was protected under fair use doctrine, because its primary use was "time-shifting."
ANSWER: home videotaping [or recording a television program; or other obvious equivalents]
003-12-53-06207
8. This party grew as a result of the efforts of Jean Jaures. For 10 points each:
[10] Name this French political party founded in 1905 that drew much of its constitution from the works of Karl Marx and Friedrich Engels.
ANSWER: Socialist Party [or Parti Socialiste; or PS; or French Section of the Workers' International; or Section Francaise de l'Internationale Ouvriere; or SFIO]
[10] This French President was the first socialist to hold the office and he appointed the first female Prime Minister by selecting Edith Cresson.
ANSWER: Francois Maruice Marie Mitterrand
[10] This later French President was appointed Prime Minister by Francois Mitterrand to deal with domestic affairs before taking over as president in 1995.
ANSWER: Jacques Rene Chirac
9. Linus Pauling was the first to propose this concept, and the most common scale for it is named for him.

For 10 points each:
[10] Name this property of an atom, the degree to which it attracts electrons. Fluorine has the highest value, at 3.98 .
ANSWER: electronegativity [or word forms, like electronegative]
[10] Another measure of electronegativity, the Mulliken scale, takes the average of electron affinity and this quantity, the energy required to remove an electron from an atom.
ANSWER: first ionization energy
[10] Since nitrogen has three p orbitals each with a single electron, its electron affinity is close to zero as a direct consequence of this rule.
ANSWER: Hund's rule
10. This author wrote a lengthy series of novels and stories called The Human Comedy. For 10 points each: [10] Name this early 19th-century French author of Eugenie Grandet (gran-DAY) and Lost Illusions. ANSWER: Honore de Balzac
[10] Balzac is considered an early exponent of this literary style, which depicts life with as much accuracy as possible, however bleak the result.
ANSWER: realism [or naturalism]
[10] Honore de Balzac included the social climber Eugene de Rastignac (rahs-tin-YAK) in this novel about an old man abandoned by his ungrateful daughters.
ANSWER: $\underline{\text { Old Goriot }[\text { or Father Goriot; Le Pere Goriot }] ~}$
080-12-53-06210
11. The author mentioned that this novel was intended to show "the operation of divine grace." For 10 points each:
[10] Name this 1945 English novel in which Charles Ryder tells the story of the Marchmain family, who own the title estate.
ANSWER: Brideshead Revisited
[10] Brideshead Revisited was written by this English novelist of Decline and Fall.
ANSWER: Evelyn Arthur St. John Waugh
[10] Waugh's novel Decline and Fall takes its title from Edward Gibbon's history of this ancient empire. ANSWER: Rome [or Roman Empire]

130-12-53-06211
12. Two of this god's servants are Skirnir and Beyla. For 10 points each:
[10] Name this member of the Vanir, who gave up his sword to marry the giantess Gerd.
ANSWER: Freyr
[10] The Vanir engaged in a war with this other clan of deities, who include Thor, Frigga, and their relatives.
ANSWER: the Aesir
[10] Following the end of Aesir-Vanir War, the gods commissioned a builder to build a wall but were betrayed. In order to distract the builders horse, Loki changed into a mare and later gave birth to this horse. ANSWER: Sleipnir

135-12-53-06212
13. After World War I, unused shells of this substance were dumped into the Baltic Sea, where they occasionally wash ashore and burn the skin of beachgoers. For 10 points each:
[10] Name this blistering agent, synthesized using the Despretz-Niemann-Guthrie process, which was deployed by both sides of World War I to incapacitate enemy soldiers.
ANSWER: mustard gas [or sulfur mustard; or bis(2-chloroethyl) sulfide]
[10] Mustard gas debuted at the second of three major battles fought at this Belgian town, also known as Passchendaele, where nearly a million total troops died trying to gain positions in Flanders.
ANSWER: Ypres (EEP-ruh)
[10] The Hague Convention and a Protocol named for this city regulate the use of chemical weapons in warfare. This city is also the namesake of certain "conventions" on the treatment of prisoners of war.
ANSWER: Geneva [or Geneve; or Genf; or Ginevra]
14. For a given medium, this quantity is calculated by taking the square root of the quotient of the material's bulk modulus and the density of the material. For 10 points each:
[10] Name this quantity that measures about 340 meters per second, or about 768 miles per hour, in air. ANSWER: speed of sound
[10] Sound waves are of this type that consists of oscillations parallel to the direction in which the wave is traveling.
ANSWER: longitudinal waves
[10] For a given sound wave, this quantity is the quotient of the energy transferred by the wave and the surface area of the substance intercepting the wave.
ANSWER: intensity
15. This city's culinary traditions include the hot dog-like "half smoke," and it is home to the neighborhoods of Adams Morgan and Anacostia. For 10 points each:
[10] Name this American city.
ANSWER: Washington, District of Columbia [or Washington, DC]
[10] This circular interstate highway surrounds the nation's capital and many of its suburbs, such as Silver Spring and Alexandria.
ANSWER: Capital Beltway [or Interstate 495, or I-495]
[10] In 2008, a new version of the drawbridge that carries the Beltway over the Potomac was opened; it remains named for this President.
ANSWER: Thomas Woodrow Wilson
16. This man wrote "Ode to the Onion" and "Ode to the Cat" in his Elemental Odes. For 10 points each: [10] Name this Latin American poet who wrote about a failed relationship in his Twenty Love Poems and a Song of Despair.
ANSWER: Pablo Neruda [or Neftali Ricardo Reyes Basoalto]
[10] Pablo Neruda wrote a twelve section poem called The Heights of [this place], which was written after Neruda's visit to this Incan ruin in the Andes.
ANSWER: Macchu Picchu
[10] "America, My Love" is one of the poems in this two volume epic poem about Latin America written by Pablo Neruda that also includes "The Heights of Macchu Picchu."
ANSWER: Canto General [or General Song]
17. This text was written in response to the sack of Rome in 410 by the Visigoths. For 10 points each: [10] Name this theological text which defends Christianity by focusing on the importance of the title conurbation, represented by Jerusalem, which is contrasted with its earthly counterpart, Rome.
ANSWER: City of God [or De Civitate Dei contra Paganos]
[10] This autobiographical work by the same thinker describes his sinful early life and Manichaeism before his conversion to Christianity under the influence of St. Ambrose.
ANSWER: Confessions
[10] City of God and Confessions were written by this saint and bishop of Hippo.
ANSWER: St. Augustine
18. Before painting this work, the artist created a similar work depicting the Rhone. For 10 points each: [10] Identify this painting, which shows a view of Saint-Remy from the window of a sanitarium.
ANSWER: The Starry Night
[10] This Dutch post-impressionist painted The Starry Night, as well as several paintings set in his home at Arles. He also painted several self-portraits of himself after cutting off his ear.
ANSWER: Vincent van Gogh
[10] Van Gogh also painted a notable portrait of this physician and friend of his. Paul Cezanne also painted a picture of his house.
ANSWER: Dr Paul Gachet (guh-SHAY)
048-12-53-06218
19. Normally, chromosomes separate during meiosis (my-OH-sis). For 10 points each:
[10] Name this abnormality that occurs when chromosomes fail to separate.
ANSWER: nondisjunction
[10] Individuals with only one X chromosome have this syndrome. They tend to be short, infertile, and never sexually mature.
ANSWER: Turner syndrome
[10] Individuals with this other syndrome have an extra chromosome 21. This condition is typically marked by abnormal facial conditions.
ANSWER: Down syndrome [prompt on trisomy 21]
124-12-53-06219
20. This man's orchestral works include Fantasia on a Theme by Thomas Tallis. For 10 points each:
[10] Name this composer who also wrote an English Folk Song Suite for wind band.
ANSWER: Ralph Vaughan Williams
[10] Vaughan Williams's seventh symphony is based on music he wrote for a film about Robert Scott, and is named for this continent.
ANSWER: Antarctica [accept Sinfonia Antartica]
[10] Vaughan Williams wrote a concerto in F minor for this lowest instrument of the brass family. ANSWER: bass tuba

142-12-53-06220
21. Upon seeing his dead beloved, the title character of this poem "uttered such a cry of anguish, that the forest moaned and shuddered." For 10 points each:
[10] Name this epic poem about a Native American hero, whose most famous excerpt takes place "by the shores of the Gitche Gumee (GITCH-ee GOOM-ee)."
ANSWER: The Song of Hiawatha
[10] The Song of Hiawatha was written by this American translator of the Divine Comedy who also wrote "Paul Revere's Ride."
ANSWER: Henry Wadsworth Longfellow
[10] In The Song of Hiawatha, this "daughter of the moon" is Hiawatha's grandmother. Despite her warnings, her daughter Wenonah gets seduced by the West Wind.
ANSWER: Nokomis

