

Bulldog High School Academic Tournament 2014 (XXIII): Tonight I Can Write The Hardest Lines
Written by Yale Student Academic Competitions
Edited by Matt Jackson, with Ashvin Srivatsa and Jacob Wasserman

Packet 8 Tossups

1. One of this author's characters asks "What's happened to the...unashamed expression of affection of the day before yesterday?" and more direct questions like "Why do you pick your nose?" and "Why did the chicken cross the road?" Goldberg and McCann take this author's character Stanley Webber away from Peter and Meg Boles' boarding house after a title celebration. In another of his plays, two people who argue about "[lighting]" and "[putting] on" the kettle, Ben and Gus, are hitmen who follow instructions lowered by the title device. For 10 points, name this Nobel-winning English playwright of *The Birthday Party* and *The Dumbwaiter*.

ANSWER: Harold Pinter [or David Baron] <JR>

2. This number is defined as the set containing the empty set, under the Peano axioms. If you randomly place 12 distinct letters in 12 distinct envelopes, you expect this many letters to end up in the correct envelope on average. This is the number of dwarf planets always found inside the orbit of Neptune. A molecule of propanone contains this number of oxygen atoms, and a single molecule of chlorophyll contains this number of transition metal atoms. Male ants have this many sex chromosomes, as does any gamete. This many neutrons are found in deuterium. For 10 points, how many sides does a Möbius strip have?

ANSWER: one <HX>

3. One of this composer's works includes a movement subtitled "Chorus of Souls in Purgatory" in which the chorus only sings the notes A and B-Flat. The fourth movement of another of this composer's works begins with two timpani playing sextuplets. One of this composer's works features ten timpanists and four brass bands in its "Tuba mirum" section. Another of his works has an offstage oboe echo an english horn and uses a recurring *idée fixe* to represent his love for Harriet Smithson. That symphony by this composer includes movements like "March to the Scaffold." For 10 points, name this French Romantic composer of a huge *Requiem* and the *Symphonie Fantastique*.

ANSWER: Louis-Hector Berlioz <JR>

4. Emily Hobhouse wrote the Open Christmas Letter to oppose this war, during which one side raised money with Tank Banks. One side's commander in chief in this war, John French, was replaced with Douglas Haig. The Representation of the People Act, passed during this war, gave one country's women suffrage. Herbert Asquith was ousted from power during this war, the first in which civilians grew "victory gardens". During this war, a recruiting poster showed Lord Kitchener pointing at the viewer. Half a million people died in its Somme Offensive, and poison gas was used for the first time at its second battle of Ypres. For 10 points, name this war that began in 1914.

ANSWER: World War I [or the First World War; or the Great War; prompt on "World War"] <LL>

5. This religious group believes that a "ball of curious workmanship" helped a group escape from Jerusalem. One book of this sect was verified by the Three Witnesses and the Eight Witnesses. It does not let outsiders view its "endowment" or "sealing" ceremonies. The *Doctrine and Covenants* is a sacred text for this faith group, whose stories include a war between Lamanites and Nephites. Two-year missions are required for men in this denomination, which believes an angel revealed golden plates to a prophet in upstate New York. For 10 points, name this Christian denomination founded by Joseph Smith, which ended polygamy after settling in Salt Lake City.

ANSWER: Mormonism [or The Church of Jesus Christ of Latter-Day Saints; or LDS Church] <ATa>

6. This nation benefitted from the U.S. policy of "constructive engagement" as it was led by a politician called the "Big Crocodile". While Daniel Francois Malan led this country, it established a system of internal ID checkpoints using "pass laws." This country held the Rivonia trial for violent guerrillas affiliated with the "Spear of the Nation" group, and jailed Steve Biko for his role in starting the Soweto uprising. This home of P. W. Botha used Robben Island as a prison for future leaders of its corrupt African National Congress party. For 10 points, name this country which has used 11 official languages since dismantling a segregation system called apartheid.

ANSWER: Republic of South Africa [or Republiek van Suid-Afrika; or iRiphabhuliki yaseNingizimu Afrika; or iRiphabliki yomZantsi Afrika; accept equivalents] <MJ>

7. One poet in this language wrote under heteronyms such as Alberto Caiero and Ricardo Reis. In a novel written in this language, a man dies of an infected leg after being kicked by a girl in dark glasses and high heels. In that novel in this language, which opens at a traffic light, the Doctor's Wife helps a group of nameless people out of a quarantine during an outbreak of the title condition. This language was used for the novels *The Gospel According to Jesus Christ* and *Blindness*. For 10 points, name this language used by Jose Saramago to write *The History of the Siege of Lisbon*.

ANSWER: Portuguese Language [or Português; or Língua Portuguesa] <JR>

8. This artist showed a ring constellation of eight stars in the upper-left corner of a painting in which a centaur boy with a spaniel looks at the viewer, a dark-skinned man struggles with several snakes, and a bare-chested god leaps from a chariot driven by two cheetahs. This namesake of a red pigment used to paint auburn hair also showed a maid rummaging through a trunk in an interior scene where a small dog curls up on a white bed and a bunch of flowers are held by a nude goddess gazing at the viewer. For 10 points, name this Venetian painter of *Bacchus and Ariadne* and *Venus of Urbino*.

ANSWER: Titian [or Tiziano Vecellio; or Tiziano Vecelli] <JR>

9. The pathogenesis of this human disease is studied in ferrets. One drug that combats this disease prevents a certain protein from binding to sialic acid; that drug is oseltamivir. A recently-developed and annually-modified vaccine for this disease, uses live, inactivated orthomyxovirions, is trivalent, and is produced as a nasal spray. Antigenic drift of this virus's hemagglutinin and neuraminidase surface proteins is responsible for its high mutation rate, and those proteins give rise to serotype names like H5N1. For 10 points, identify this disease whose "Spanish" strain caused a 1918 pandemic, for which many people are vaccinated each winter.

ANSWER: influenza [or Influenzavirus] <GL>

10. This being's death precipitated the spawning of a lizard with a head at either end called the Amphisbaena and the blooming of coral reefs in the Red Sea. This target of a mission given by Polydectes of Seriphos produced a warrior whose name means "golden-armored," Chrysaor. The Libyan desert was home to this former devotee of Athena, a sibling of Stheno and Euryale who was punished for her affair with Poseidon. The Gray Sisters revealed the location of this female to a hero wearing Hermes' winged sandals. For 10 points, name this monster whose head was cut off by Perseus, a Gorgon with a petrifying gaze and snakes for hair.

ANSWER: Medusa <MJ>

11. This country established universal male suffrage after its 3 September Revolution in 1843. This country's capital was the site of the burglary of a Portuguese Jewish merchant from Gibraltar, named Don Pacifico. The London Conference of 1832 moved this nation's capital from Nafplio and established the Bavarian prince Otto as its king. After the Treaty of Berlin, this nation, under King George I, received Thessaly. Alexander Ypsilanti led this country's independence movement, and its allies won the Battle of Navarino against the Ottoman empire. For 10 points, name this European country which is still a rival to neighboring Turkey.

ANSWER: Greece [or Hellas; or Ellada; or Hellenic Republic; or Elliniki Dhimokratia; or Kingdom of Greece; or Vasilion tis Ellados] <JR>

12. One franchise that performs this activity hands out a Brown Bag Foul for off-color remarks, and likens itself to "sportz" in its name. Many people train for this activity by playing a game called "Yes, And." Colin Mochrie meowed several times during an instance of this art form, whose "long-form" type is predictably longer than its "short-form" type. This art form was pioneered in the US by The Second City, a club which now teaches it to amateurs in Chicago. Games such as "Newsflash" and "Party Quirks" exemplify this activity, and Drew Carey hosts a televised forum for this activity called *Whose Line Is It Anyway?* For 10 points, name this form of comedy without a script.

ANSWER: improvisational comedy [or improvisational acting; or improvisational theater; prompt on "comedy"; prompt on "sketch comedy"; prompt on "acting"; prompt on "theater"] <EB/MJ>

13. In this book, the protagonist's obese wife rushes to the hospital to see him but dies of carbon monoxide poisoning along the way. In this book, the stealing of a teapot leads to high school teacher Edgar Derby being shot, after which a bird says "*Poo-tee-weet?*" In the autobiographical first chapter of this novel, its author responds to a woman exclaiming that "you were just babies in the war" by reading up on the Children's Crusade. The protagonist of this novel is put in a zoo by Tralfamadorian aliens after surviving the fire-bombing of Dresden. For 10 points, name this novel about a man who has become "unstuck in time," Billy Pilgrim, by Kurt Vonnegut.

ANSWER: *Slaughterhouse-Five*, or *The Children's Crusade: A Duty-Dance with Death* <JR>

14. One analogue of this quantity, designed for use in concentrated solutions, is equal to -19 for a certain mixture that contains antimony pentafluoride. One equation for this quantity, which may be derived by rearranging the defining equation for " $K_{\text{sub } a}$ ", is called the Henderson-Hasselbalch equation. Under standard conditions, this quantity is half the self-ionization constant pK_w . This quantity is defined as the negative logarithm of the concentration of hydronium ions in a solution. For 10 points, name this quantity which can be crudely measured using indicators like phenolphthalein, and which is 7 for neutral solutions and less for acids.

ANSWER: pH [prompt on "acidity"] <JR>

15. This thinker discussed the problems of introducing a gold-backed rupee in his *Indian Currency and Finance*. This economist suggested that the World Economic Congress discuss direct foreign loans. His book *The Means to Prosperity* attacked Say's law. This economist names a "cross" diagram showing the relationship between aggregate demand and aggregate supply, and this theorist of the "money multiplier" attacked the terms of the Treaty of Versailles in *The Economic Consequences of the Peace*. For 10 points, this British economist whose *General Theory of Employment, Interest and Money* advocated government spending to relieve economic hard times.

ANSWER: John Maynard Keynes <NW>

16. This scientist's namesake "epoch" is the first " 10 to the minus 43 " seconds of the universe's life, during which quantum gravity was significant. He also names a system of maximally natural units. One quantity named for this man is the quantum of action. That quantity also appears in a law named for this man, which correctly described the blackbody spectrum and solved the "ultraviolet catastrophe". That same quantity is about " 6.6 times 10 to the minus 34 Joule-seconds", and is the constant of proportionality relating the energy of a photon to its frequency, and is

denoted by the letter *h*. For 10 points, name this founder of quantum theory.

ANSWER: Max (Karl Ernst Ludwig) **Planck** [accept Paul (Adrien Maurice) **Dirac** until "frequency" is read] <AS>

17. One jazz musician who played this instrument characteristically included rapid descending whole-tone scales in his improvisation. That player of this instrument composed the rhythmically challenging standard "Nuttty." The namesake quartet of another player of this instrument recorded rhythmically complex songs like "Blue Rondo à la Turk." One player of this instrument wrote songs like "Well, You Needn't," "Epistrophy" and "Round Midnight," and another is usually credited with a song actually written by saxophonist Paul Desmond, "Take Five." For 10 points, name this instrument played by jazz musicians like Thelonious Monk and Dave Brubeck, a keyboard instrument.

ANSWER: **piano**forte <JR>

18. Southeast of this city lies the Safety Valve, a series of shoals on which is built a group of raised buildings called Stiltsville. The artificial islands of the Venetian Causeway extend east from near this city's Overtown district. It's not New York, but this city's Freedom Tower overlooks Biscayne Bay. The Villa Vizcaya is a historic mansion in the Coconut Grove neighborhood of this seat of Dade County. The Calle Ocho Festival occurs annually in this city in the same metropolitan area as Fort Lauderdale. For 10 points, name this city whose Little Havana is the heart of America's Cuban immigrant community, in the south of Florida.

ANSWER: **Miami**, Florida <JW>

19. This president's Secretary of the Interior, Columbus Delano, gave federal grants to his own son. During his presidency, Bradley Barrow used a \$40,000 bribe to stop an inquiry into postal fraud. His Treasury Secretary, Benjamin Bristow, uncovered bribery of Treasury Department officials involved in excise tax collection, leading to the arrest of his personal secretary Orville Babcock. During his term, Jay Gould and James Fisk tried to corner the gold market on Black Friday. Horace Greeley ran against this man, who dealt with distillers skimming off federal money in the Whiskey Ring scandal. For 10 points, name this president and former Civil War general.

ANSWER: Ulysses S. **Grant** [or Hiram Ulysses **Grant**; or Ulysses Hiram **Grant**; or "Sam" **Grant**; or "Unconditional Surrender" **Grant**] <MW>

20. In one poem, this man recounted an old man who goes on pilgrimage to see the Veronica icon. This man pioneered a poetic form which was later used in "Whoso List to Hunt" by Thomas Wyatt. One collection by this author ends with a long prayer to the virgin Mary, and the first poem in that collection talks to "You who hear the sound of scattered rhymes". This man first met the love of his life on Good Friday 1327, and devised a poetic form in which an octave is followed by a sestet. For 10 points name this Italian poet whose *Il Canzoniere* contains many sonnets to his unrequited love Laura.

ANSWER: **Petrarch** [or Francesco **Petrarca**] <NW>

21. One holder of this position was aided by Lucas Alaman, a Minister of Interior and Exterior Relations. The Feminine Brigades of St. Joan of Arc opposed the holder of this position in the Cristero War. One holder this position let Valentin Farias govern the nation for him, and held this position 11 non-consecutive times. Control over this position was fought over in the War of the Reform. A holder of this position who lost power in the Ten Tragic Days was Francisco Madero. The PRI controlled this position for 73 years, and its current holder is Enrique Peña Nieto. For ten points, name this executive position once held by Benito Juarez and Porfirio Diaz.

ANSWER: **President** of **Mexico** [prompt on partial or more generic answers] <LL>

Bonuses

1. This book is the earliest surviving text to mention the Leviathan. For 10 points each:

[10] Name this Old Testament book in which a wealthy, boil-stricken man questions his faith after a bet between Satan and God causes him to lose all his property.

ANSWER: Book of **Job** [or Sefer **Iyyov**]

[10] This Swiss psychoanalyst, the author of *Answer to Job*, believed that "archetypes" such as the anima, animus, and shadow exist in every person's unconscious.

ANSWER: Carl **Jung**

[10] This British artist of *Cerberus* depicted Behemoth in *Job, a Historical Engraving*. He also made images of the biblical Red Dragon, and he showed the bearded Urizen, from his own made-up mythos, in *Ancient of Days*.

ANSWER: William **Blake** [Yes, the poet William Blake] <MJ>

2. Do you enjoy squinting at things through a single oculus? Either way, answer some questions about microscopy, for 10 points each:

[10] When using a light microscope, slides and specimens should be placed on this platform, which can be raised and lowered using fine and coarse adjustment knobs.

ANSWER: **stage**

[10] If your objective lenses just aren't good enough to resolve some feature of your specimen, you can try performing this technique, which entails putting the lens in a substance with a higher refractive index than air.

ANSWER: **oil immersion** [or any description of the action of putting the **lens** in **oil**; prompt on just "oil" or synonyms thereof]

[10] If a light microscope simply won't do, you can try switching to this kind of microscope, which uses magnetic "lenses" to focus a beam of subatomic particles *through* a specimen, producing an image without relief.

ANSWER: **transmission electron** microscope [or **TEM**; prompt on "transmission"; prompt on "electron"; do not prompt on or accept "scanning electron microscope"] <GL>

3. This war was known as the French and Indian War in America. For 10 points each:

[10] Name this world war between European powers. Most of the fighting happened from 1756 until 1763.

ANSWER: **Seven Years' War**

[10] The Battle of the Plains of Abraham, near this city, resulted in Britain taking control of French North America after the Seven Years' War.

ANSWER: **Québec** City

[10] This German state aligned with the French after it was quickly routed in the Seven Years' War. Leaders of this electorate with capital at Dresden included Frederick Augustus II and Augustus the Strong.

ANSWER: **Saxony** [or **Sachsen**] <JR>

4. In one of his plays, the King pardons the entire village of Fuente-ovejuna for the killing of Commander Fernán Gómez de Guzmán. For 10 points each:

[10] Name this highly prolific playwright, who wrote *The Dog in the Manger* and *The Sheep Well*.

ANSWER: Félix Arturo **Lope** de Vega y Carpio [or **Lope** de Vega]

[10] Lope de Vega was part of this European nation's literary "Golden Age", along with Pedro Calderón de la Barca, Francisco Quevedo, and Luis de Góngora.

ANSWER: Kingdom of **Spain** [or Reino de **España**]

[10] This character was written about in Tirso de Molina's Spanish plays *The Trickster of Seville* and *The Stone Guest*. He is also the subject of a long satirical poem by Lord Byron.

ANSWER: **Don Juan** <JR>

5. Sometimes, people have strong feelings about going to practice. Answer these questions about some, for 10 points each.

[10] This Philadelphia 76ers star once ranted about the way reporters "talk about practice!" and question his work ethic.

ANSWER: Allen **Iverson**

[10] This ABC show features Doctor Addison Montgomery, who devotes himself to one of the title ventures in Los Angeles. It is a spinoff of *Grey's Anatomy*.

ANSWER: **Private Practice**

[10] This man claimed he was practicin', till one day a newborn child "bust through the packagin'," on the track "Celebration." More recently, he exclaimed "Nobody had swag, man, we the Rat Pack!"

ANSWER: Kanye **West** [or **Yeezy**; or **Yeezus**] <LL>

6. One essay asking "What is [*this era*?]" defined it as "man's emergence from his self-imposed immaturity," and praised Frederick II as a despot who nonetheless supported it. For 10 points each:

[10] Name this intellectual moment in 18th-century Europe, when thinkers such as Voltaire championed the thorough use of reason to advance humanity and dispel dogma.

ANSWER: the **Enlightenment** [or **Aufklärung**]

[10] This Prussian author of "What is Enlightenment?" defined morality in terms of a "categorical imperative" and showed that synthetic a priori truths can exist in *Critique of Pure Reason*.

ANSWER: Immanuel **Kant**

[10] This later French thinker disagreed with Kant in his own essay "What is Enlightenment?" Much of his work focuses on the "discourses" underlying relations of "power-knowledge" in places such as medical clinics.

ANSWER: Paul-Michel **Foucault** <MJ>

7. In several scenes in this novel, Reiko plays Bach fugues on the guitar. For 10 points each:

[10] Name this novel about the washout student Toru Watanabe and his torrid affair with Naoko.

ANSWER: **Norwegian Wood** [or **Noruewei no Mori**]

[10] This cat-obsessed, living Japanese author wrote *Norwegian Wood*. His other books include *The Wind-Up Bird Chronicle*, *Kafka On the Shore*, and *1Q84*.

ANSWER: Haruki **Murakami** [or **Murakami** Haruki]

[10] The title of Murakami's *Hard-Boiled Wonderland and the End of the World* pays homage to a genre of fiction starring these people. Sir Arthur Conan Doyle created one of these people who is assisted by Dr. Watson.

ANSWER: **detectives** [or **private eyes**; accept **detective** fiction; prompt on "investigators"] <JR>

8. This inequality is a defining property of measures of distance. For 10 points each:

[10] Name this inequality which states that the length of any two sides of a certain geometric figure must exceed the length of the third side.

ANSWER: **triangle** inequality

[10] The triangle inequality is a corollary of the Cauchy-Schwarz inequality, which holds on any space in which this operation is defined. Formally, this operation is a positive-definite symmetric bilinear form.

ANSWER: **inner product** [or **dot product**; or **scalar product**; prompt on "dot"; prompt on "product"]

[10] Since the dot product is positive-definite, " $v \cdot v$ " is positive for all vectors v *except* for this vector.

ANSWER: the **zero** vector [or **null** vector] <NW>

9. Name these crazy Roman emperors, for 10 points each.

[10] This third emperor of Rome allegedly built a 2-mile road atop boats across the bay of Naples to cross it on his chariot. Suetonius reports that he wanted to make his horse Incitatus a consul.

ANSWER: Gaius Caligula [or Gaius Caligula; accept Gaius Julius Caesar Augustus Germanicus but do not prompt on any of those four non-underlined names]

[10] This fifth emperor of Rome toured Greece to flaunt his skills in lyre contests, which he rigged to win. He was accused of playing music during the Great Fire of Rome.

ANSWER: Nero Claudius Caesar Augustus Germanicus [or Nero Claudius Caesar Drusus Germanicus; or Lucius Domitius Ahenobarbus]

[10] This Severan emperor from Syria brought the cult of the sun god to Rome along with a huge black stone. He also married a Vestal Virgin and allegedly liked to parade around Rome as a prostitute.

ANSWER: Elagabalus [or Heliogabalus; or Varius Avitus Bassianus] <FM>

10. This activity must be prefaced by the ritual ablution *wudu*. For 10 points each:

[10] Name this pillar of Islam, the act of praying, which must be done five times a day.

ANSWER: salat [or salah]

[10] Muslims pray facing this holiest city in Islam, which contains a black box-like shrine called the Ka'aba. Muhammad fled from this city to Medina.

ANSWER: Mecca [or Makkah]

[10] Salat begins by saying this phrase after raising one's hands level with one's ears and holding the palms out. This phrase also opens the *adhan*.

ANSWER: "Allahu Akbar" [or the Takbir; or the Tekbir; prompt on "God is great" or translations] <JR>

11. A large, spindly reservoir in this region was created by damming the Sinnamary River. For 10 points each:

[10] Name this territory on the Atlantic Ocean which includes the Salvation Islands and the Devil's Island prison. Its capital is Cayenne.

ANSWER: French Guiana [or Region of Guiana; or Guyane ("gwe-AHN") Française; or Région de la Guyane; or Région Guyane; do NOT accept or prompt on "Guyana"]

[10] Though in South America, French Guiana is part of this supranational organization made up of 28 states. The Copenhagen Criteria regulate the joining of this organization, formed by the Maastricht Treaty.

ANSWER: European Union [or EU; or Union Européenne; or UE]

[10] One of these facilities, operated for the ESA at Kourou, provides over one quarter of French Guiana's GDP. Another one in Kazakhstan is called Baikonur.

ANSWER: space center [or spaceport; or rocket launch site; or launch complex; or cosmodrome; accept equivalents involving sending things into space; do NOT accept or prompt on "mission control" or equivalents involving merely monitoring things in space] <JW>

12. Substances with this property expel magnetic field lines from their interiors. For 10 points each:

[10] Name this property, which is characterized by precisely zero electrical resistance.

ANSWER: superconductivity [or word forms]

[10] The discovery of high-temperature superconductors with critical temperatures above 77 kelvins, like YBCO was significant, because they can be brought to a superconducting state using this readily-available coolant.

ANSWER: liquid nitrogen [prompt on "nitrogen"]

[10] Liquid nitrogen is produced by distilling this substance at low temperatures. Argon is the third-most-abundant product of distilling this substance.

ANSWER: atmospheric air [or the atmosphere; or obvious equivalents] <AS>

13. In this novel, the devoutly religious banker Mr. Bulstrode funds the Fever Hospital where Tertius Lydgate works, and Lydgate loses his money pursuing Rosamund. For 10 points each:

[10] Name this novel, a "study of provincial life" in which Dorothea Brooke marries Edward Casaubon but falls in love with Casaubon's cousin, Will Ladislaw.

ANSWER: Middlemarch

[10] This author of *Middlemarch* wrote about a man accused of stealing from a Calvinist congregation in Lantern Yard, *Silas Marner*, and depicted Tom and Maggie Tulliver in *The Mill on the Floss*.

ANSWER: George Eliot [or Mary Anne Evans]

[10] In *Middlemarch*, Casaubon fails to complete this scholarly text, which attempts to show that every known legend derives from a unified ancient tradition.

ANSWER: *The Key to All Mythologies* <HX>

14. This empire's royal family included queen Atossa, and it defeated the Medes of Astyages and the Lydian empire of Croesus under Cyrus the Great. For 10 points each:

[10] Name this ancient Middle Eastern empire which failed to invade Greece in the 480s BCE.

ANSWER: Persian Empire [or Achaemenid Persian Empire]

[10] The Lydian empire used the alloy electrum to invent this technology before falling to the Persians. Examples include the Islamic *dinar* and Greek *obol*.

ANSWER: coins [prompt on "money"]

[10] The Persian Empire was divided into these provinces, each ruled by a local lord. Cyrus the Great divided his empire into twenty of them.

ANSWER: satraps [or satrapy; or satrapies] <MJ>

15. Webern wrote 6 Bagatelles for this ensemble. For 10 points each:

[10] Name this chamber ensemble that consists of two violins, a viola, and a cello.

ANSWER: string quartet

[10] This other Second Viennese School composer included a soprano solo part in the last two movements of his second string quartet. He also wrote *Transfigured Night* and *Pierrot Lunaire*.

ANSWER: Arnold Schönberg

[10] Alban Berg's works for string quartet include a suite that has this adjective in its title. Edvard Grieg wrote 66 short piano pieces collected under a title with this adjective in it.

ANSWER: lyric [accept Lyric Suite or Lyrische Suite; accept Lyric Pieces or Lyriske Stykker or Lyrische Stücke] <JR>

16. This poem's narrator observes that "The only other sound's the sweep / Of easy wind and downy flake." For 10 points each:

[10] Identify this poem set on "The darkest evening of the year." Its speaker says he has "promises to keep, / And miles to go before I sleep."

ANSWER: "Stopping by Woods on a Snowy Evening"

[10] This American poet described how "Two roads diverged in a yellow wood" in "The Road Not Taken." He penned "Stopping by Woods on a Snowy Evening."

ANSWER: Robert Lee Frost

[10] In this Frost poem, the narrator claims that "Earth's the right place for love: / I don't know where it's likely to go better" before noting that "One could do worse than be a swinger of" the title objects.

ANSWER: "Birches" <HX>

17. Answer these questions about the enemies of Heracles, for 10 points each.

[10] This three-headed guard dog was dragged away from the entrance to the Underworld by Heracles for his twelfth and final labor.

ANSWER: Cerberus [or Kerberos]

[10] Heracles strangled this creature for his first labor. Its arrow-resistant skin was later worn by Heracles as a cloak.

ANSWER: the Nemean lion

[10] In Africa, Heracles defeated this giant, who was invulnerable as long as his feet touched ground. No big deal if you're Heracles, who just lifted this dude and choked him.

ANSWER: Antaeus [or Antaios] <ATa/MJ>

18. This director showed a man escaping from a crop duster jet and a climactic showdown on Mount Rushmore in *North by Northwest*. For 10 points each:

[10] Name this director of *The 39 Steps*, a British émigré to America who depicted hotel manager Norman Bates' obsession with his mother in his thriller *Psycho*.

ANSWER: Sir Alfred Joseph Hitchcock

[10] Key details in this Hitchcock film include the height of a garden where a dog used to paw at flowers. Jimmy Stewart plays the wheelchair-bound photographer Jeff Jeffries in this film.

ANSWER: Rear Window

[10] Melanie buys two caged lovebirds in this city at the start of Hitchcock's *The Birds*. A retired detective from this city drives south from it to investigate Madeleine's death at a mission in *Vertigo*.

ANSWER: San Francisco <MJ>

19. Answer the following about activities on our home front during World War I, for 10 points each.

[10] During the war, this man ran the U.S. Food Administration and encouraged voluntary rationing at home. Later, as President, he got saddled with the stock market crash.

ANSWER: Herbert Clark Hoover

[10] This woman co-founded the No-Conscription League with Alexander Berkman to oppose the draft. This anarchist orator was deported to Russia after the war in the Palmer Raids.

ANSWER: Emma Goldman

[10] Goldman was prosecuted under this law, which was passed during World War I and later used against Edward Snowden. It was upheld in *Schenck v. U.S.*, establishing the "clear and present danger" test.

ANSWER: Espionage Act of 1917 <JW>

20. This qualitative theory of molecular structure is not very useful for transition metal compounds. For 10 points each:

[10] Name this theory which predicts molecular geometry based on minimizing electrostatic repulsion among electron pairs.

ANSWER: VSEPR ("vesper") [or valence shell electron pair repulsion; or Gillespie-Nyholm theory]

[10] Suppose that you have a molecule whose central atom has three bonding atoms and two lone pairs, like chlorine trifluoride. What geometry does this molecule adopt, according to VSEPR theory?

ANSWER: T-shaped

[10] Suppose instead that you have a tetrahedral molecule. According to VSEPR theory, how many lone pairs will this molecule have? Some linear molecules, like carbon dioxide, have this many lone pairs on the central atom.

ANSWER: zero [or none; or nada; or zip; or zilch; or nil; or nought; or cipher; or aught; or obvious equivalents] <AS>

21. In this novel, an ever-kind peasant named Platon Karataev accompanies the protagonist when both are taken prisoner and marched around by their French captors. For 10 points each:

[10] Name this novel in which Pierre Bezukhov eventually marries Natasha, a chronicle of the invasion of Russia by Leo Tolstoy.

ANSWER: **War and Peace** [or **Voyna i Mir**]

[10] Anna Pavlovna speaks *War and Peace*'s first lines in this language, the first language of Marya's governess. In one scene, characters are fined for speaking this language, which the work's aristocrats use to appear sophisticated.

ANSWER: **French** language [or le **français**; or la langue **française**; or **Frantsuzskiy** Yazyk]

[10] In *War and Peace*, this wealthy friend of Pierre gets wounded at Austerlitz, where he meditates upon the "infinite sky" and gets found by Napoleon. He dies of another wound, from an exploding shell at Borodino.

ANSWER: Prince **Andrei** Nikolayevich **Bolkonsky** [accept either underlined part] <JW>