

Stevenson Memorial Tournament 2018

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Packet 1

Tossups:

1. This monarch issued the *Privilegium Minus* to make Henry Jasomirgott the Duke of Austria. Alexander III excommunicated this monarch for his support of Antipope Victor IV. This ruler declared one of his relatives an outlaw after that cousin failed to support him at a battle where he fell off his horse and was presumed dead. The Four Doctors of Bologna, whose rediscovery of the *Corpus Juris Civilis* was sponsored by this monarch, may have supported his authority at the (*) Diet of Roncaglia [“ron-CALL-yah”]. This monarch was defeated at the Battle of Legnano [“len-YAH-no”] by the Lombard League, which opposed his incursions into the Italian peninsula. He joined Philip II of France on a campaign on which he drowned in the Saleph River. For 10 points, name this red-bearded Holy Roman Emperor who joined the Third Crusade.

ANSWER: Frederick Barbarossa [or Frederick I; or Frederick III of Swabia; do not prompt on just “Frederick III”; prompt on Frederick or Barbarossa]

<GP European History>

2. This character imagines the “pine-trees, aged, black, and solemn” as elders and smites down their children, “the ugliest weeds.” This character uses grass to adorn her dress so it looks like that of the Leech’s wife and, in another scene, claims she has “no Heavenly Father.” Near the end of the novel she appears in, this character kisses her father, though before she had washed his kiss off in a brook. This character sees herself reflected in a suit of armor while visiting (*) Governor Bellingham with her mother. At one point, this character watches a meteor while holding hands with her mother and father atop a scaffold. That father is the minister Arthur Dimmesdale. For 10 points, name this daughter of Hester Prynne from Nathaniel Hawthorne’s *The Scarlet Letter*.

ANSWER: Pearl Prynne [prompt on Prynne]

<OL American Literature>

3. A politician from this country told *another* country to “go away and shut up.” Another man from this country mentioned over a million dollars in donations to its governing party and advocated “robust dialogue” in a response to an event here. An author from this non-US country co-wrote a book subtitled *Terror From Within* that accused a foreign leader of orchestrating four 1999 bombings as part of a plot to win re-election. That man, who coined the term “Mafia State,” (*) died in this country in November 2006 due to a radioactive polonium overdose. Over 150 suspected spies were expelled by 27 countries in response to an incident in which a man and his daughter were poisoned in this country with Novichok. For 10 points, name this country where Alexander Litvinenko died, and where Sergei and Yulia Skripal were poisoned by a Russian nerve agent in 2018.

ANSWER: United Kingdom of Great Britain and Northern Ireland [accept any underlined part; also accept England]

<CH Current Events>

4. One of this author's poems urges the reader to "Roam On!" because "the light we sought is shining still," as shown by the fact that "Our Tree yet crowns the hill." That poem alludes to another of this author's works in its first line, "How changed is here each spot man makes or fills!" A man is described as being conquered by "Time, not Corydon," by this author, who called Oxford the "sweet city with her dreaming spires" in the same poem about (*) Arthur Henry Clough. This poet of "Thyrsis" and a girl stand "with the cliffs of England crumbling away behind them" in Anthony Hecht's parody of his best-known poem, which describes a "darkling plain where ignorant armies clash by night." For 10 points, name this poet who wrote "The sea is calm to-night" in "Dover Beach."

ANSWER: Matthew Arnold

<CH British Literature>

5. An album by a musician that played this instrument has a cover that shows him smoking a cigarette in front of a white wall and includes tracks titled "Duet Solo Dancers" and "Trio and Group Dancers." That musician that played this instrument wrote an album that opens with a track where musicians indistinctly shout as an homage to gospel singing; that song is "Better Git It In Your Soul." The track "So What" opens with piano and this instrument. Eugene Wright played this instrument in the Dave Brubeck quartet. The song (*) "Mr. PC" from *Giant Steps* references a musician that played this instrument, Paul Chambers. A musician that played this instrument titled one of his albums [his name] Ah Um. Piano, guitar, drums, and this instrument typically make up a jazz rhythm section. For 10 points, Charles Mingus played what instrument typically played upright?

ANSWER: bass [or double bass]

<YFL Other Arts (Jazz)>

6. A holy text from this religion is placed on a platform called the takht in their temples, where a ceremonial brush-like fan made of yak hair is waved over it. That holy text from this religion uses the word *satnam* ["SUT-nom"] to refer to the supreme all-pervading truth of the universe. This religion's central prayer begins with a symbol that represents this religion's one supreme reality; that symbol is the (*) Ik Onkar, which appears at the beginning of the Mul Mantar ["MOOL mon-tar"]. This religion's baptism rite uses a double-edged sword to stir sweetened water and initiates believers into the Khalsa, the body of believers in this religion. This religion has five Ks that one must wear, including a kirpan, or dagger. The last leader of this religion, Guru Gobind Singh, named its holy text, the Adi Granth, his successor. For 10 points, name this Punjab centered Indian religion.

ANSWER: Sikhism

<YFL Religion>

7. The L-VEL and yPlus methods are used to computationally model this phenomenon. A characteristic length scale describing this process on the microscale is equal to the kinematic viscosity to the three-quarters power over the fourth root of the rate of dissipation. That result was shown by a man who theorised that this process is isotropic at microscopic length scales, Andrey (*) Kolmogorov. Inertial forces are much greater than viscous forces during this phenomenon, which occurs at very high Reynolds numbers. Eddy formation characterises this phenomenon, during which velocity and pressure vary chaotically across space. For 10 points, name this shaky phenomenon contrasted with laminar flow, which causes bumpiness on airplane journeys.

ANSWER: turbulence [or turbulent flow]

<EM Physics>

8. **The first of two interludes in a piece by this composer is written in F major for the right hand and D-flat major for the left hand. This composer’s unpublished piano piece *The Celestial Railroad* has been found to share sections with this composer’s *Fourth Symphony*. This composer’s *Second Symphony* ends with a dissonant chord referred to as a “Bronx Cheer” and, like other pieces by this composer, quotes the song (*) “Columbia, the Gem of the Ocean.” “Yankee Doodle” appears in various different keys in the “Putnam’s Camp” movement of this composer’s *Three Places in New England*. This composer wrote a piece for a string orchestra, four flutes, and a trumpet, as well as a piece whose second movement requires playing a cluster chord with a 14-inch block of wood. For 10 points, name this American composer of *The Unanswered Question* and the *Concord Sonata*.**

ANSWER: Charles (Edward) Ives

<YFL Music and Opera>

9. **Computer-like devices powered by this commodity that al-Jazari described in his *Book of Ingenious Mechanical Devices* include ones shaped like a castle, a seated scribe, and an elephant. Under Islamic rule, an ancient Iranian system for managing this commodity called *qanāt* spread through the Middle East and North Africa. A device powered by this substance, a chessboard, and an elephant were among Harun al-Rashid’s gifts to Charlemagne. In (*) Egypt, a swinging pole-based device called the shaduf was invented to transport this substance. Engineers of the medieval Islamic world developed clocks powered by this substance. This substance is lifted upwards via the Archimedes Screw device. For 10 points, what substance is brought to crops via irrigation?**

ANSWER: water [do not accept or prompt on “steam” or “water vapor”]

<JB World/Other History>

10. **Steve Fisk’s elegant solution to the art gallery problem begins by dividing the gallery into these things. Each step of the marching cubes algorithm adds up to four of these shapes to the isosurface. For a set of points, the Voronoi diagram is the dual of a configuration named for this shape and Delaunay. A metric function must satisfy non-negativity, symmetry, and a (*) statement named for this shape. Generalizations of this two-dimensional shape to higher dimensions are called simplexes. The formula n times n -plus-1 over 2 gives the n th term of a sequence named for this shape, which begins 1, 3, 6, 10, 15. The area of this shape can be calculated as “one-half $a b$ sine theta” or “one-half height times width.” For 10 points, name this polygon whose angles sum to 180 degrees.**

ANSWER: triangle [accept Delaunay triangulation; accept triangle inequality; accept triangular numbers]

<DM Math>

11. **Following the “Catalogue of Ships” in Book II, Iris turns into Polites in order to warn this man. This is the only man whose name is mentioned by Achilles during his vow not to fight for the Greeks. After Odysseus uses his shield to trick Protesilaus into jumping down from his ship, this father of Scamandrius fulfills a prophecy by killing the first Hellene to set foot on Trojan soil. This man’s plumed helmet causes his (*) infant son to cry; that son, nicknamed Astyanax, is later thrown from the walls by Neoptolemus. This husband of Andromache realizes his impending death when he asks his brother Deiphobus for a spear after being chased around the walls of Troy three times. For 10 points, name this killer of Patroclus, the greatest hero of Troy in the *Iliad*.**

ANSWER: Hector

<JK Mythology>

12. This leader introduced a “program of scientific nourishment” to cut the caloric intake of his supposedly-obese people. A one-time member of his government wrote a book about “Strategies for Undermining Freedom, Attacking Religion, and Promoting Terrorism” titled *Disinformation*. This leader caused an AIDS epidemic by ordering blood transfusions on malnourished children, and housed orphans at death camp-like facilities such as Cighid [“CHEE-geed”]. Unrest against this leader began after attempts to (*) evict the pastor László Tökés [“LOSS-low TUR-kesh”]. The highest-ranking defector from the Eastern Bloc was this man’s general Ion Pacepa [“ee-OWN pah-CHAY-pah”], who had led his secret police force, the Securitate. This successor of Gheorghe [“GYOR-gay”] Gheorghiu-Dej released his “July Theses” in 1971 and was executed by firing squad on live TV in 1989. For 10 points, name this Communist dictator of Romania.

ANSWER: Nicolae Ceaușescu [“chow-SHESS-koo”]

<GP European History>

13. A section of one of this philosopher’s texts describes telling a demon that “you are a god and never have I heard anything more divine” after he comes to you in your “loneliest loneliness” and tells you that you will have to repeat your life over and over again, “innumerable times more.” This philosopher described one of his concepts by calling it his “formula for human greatness.” This philosopher created the concept of *amor fati* and believed that (*) slaves subverted the moral values of their masters through resentment [“res-ent-im-ON”]. This philosopher claimed that the Socratic Dialectic was diseased in its direct opposition to the Dionysian spirit, thus destroying Athenian drama. For 10 points, name this philosopher that believed in a “will to power” and wrote the texts *The Gay Science*, *The Birth of Tragedy*, and *Beyond Good and Evil*.

ANSWER: Friedrich (Wilhelm) Nietzsche

<YFL Philosophy>

14. The narrator of this work predicts that one day all wishing will be done according to a graph, and claims that gentlemen experience toothaches in a more refined way than peasants. The second section of this work begins with a poem by N. A. Nekrasov; in that section, the main character buys a new collar for his coat so that he can bump into a tall military officer with dignity. The narrator of this work pursues “the lofty and the beautiful” but is (*) jealous of his attractive childhood nemesis Zverkov. Near the end of its section “On the Occasion of Wet Snow,” the servant Apollon is commanded to buy some tea for Liza, a prostitute. Near the beginning of this novella, the narrator laments the pain in his liver. For 10 points, name this novella about a “sick” and “spiteful” man by Fyodor Dostoevsky.

ANSWER: Notes from the Underground [or Zapiski iz Podpolya; accept synonyms and translations]

<OL European Literature>

15. During a production of this play in *A Prayer for Owen Meany*, Dan Needham emphasizes the line “Many things the gods achieve beyond our judgment” as spoken by a “sorrowful girl.” After being asked “Are not these words of mine pleasing for you to hear?”, a character in this play exclaims “I am lost!” repeatedly. That character from this play seeks advice from Aegeus regarding the actions of (*) Creon’s daughter. This play begins with a conversation between a nurse and tutor that is interrupted by the laments of a woman who later uses a poisoned diadem to horrifically murder a rival before escaping in a chariot drawn by dragons. The title character of this play kills her children and Glauce. For 10 points, name this Euripides play about the vengeful wife of Jason.

ANSWER: Medea

<OL Classical Literature>

16. **The proliferation and survival of these cells has been shown to be affected by the protein APRIL, a ligand from the TNF superfamily. Hyperreactivity of these cells can be controlled by the drugs Blisibimod and Belimumab, which are used to treat systemic lupus erythematosus. The marginal zone type of these cells are primarily found in the (*) spleen.** These cells express antigens CD20 and CD19 on their surfaces, and in birds they originate in the Bursa of Fabricius. When exposed to foreign antigens, these cells differentiate into antibody-secreting plasma cells. For 10 points, name these lymphocytes that mature in the bone marrow and work alongside T cells in the immune system.

ANSWER: **B** cells

<DM Biology>

17. **A painting that shows people performing this action is depicted sitting on a studio floor behind a striped chair and a vase of nasturtiums in another painting. An Emil Nolde painting shows partly nude, yellow and red women doing this in front of the Golden Calf. The painting *Music* and a painting of people doing this action were commissioned by Russian businessman Sergei Shchukin. Six people perform this action under green and yellow (*) trees in a painting whose foreground depicts a person playing two pipes next to an embracing couple. In a motif he used for the background of *The Joy of Life*, an artist did two paintings of five nudes holding hands and performing this action.** For 10 points, name this activity portrayed in those Henri Matisse paintings and in Degas's ballerina paintings.

ANSWER: **dancing** [or **dance**]

<YFL Painting and Sculpture>

18. **This man is alphabetically first in a “lever paradox” in which a lever in rotational equilibrium in one frame will appear to have uneven torques after a Lorentz transformation. The unstable, nonmagnetic O₄ molecule was first posited by this man to explain the failure of Curie's law in the case of liquid oxygen. A rule named for this man contains an “ f -hat raised to the i d ” term. Negative 4.184 is a constant in an equation predicting the enthalpy change for a reaction involving his namesake compounds, the (*) Drago–Wayland equation. Compounds named for this man act as a catalyst in the Friedel–Crafts acylation, one of which is boron trifluoride. With Merle Randall, he names a fugacity rule relating it to a component's mole fraction.** For 10 points, name this American scientist who visualized valence electrons on his namesake dot structures.

ANSWER: Gilbert N. **Lewis**

<DM Chemistry>

19. **A movie with this adjective in the title features a slo-mo sequence backed by mariachi music in which a character in a purple track-suit wafts his hand over a vent; that character is the star of the upcoming movie *Going Places*. In a movie with this adjective in the title, the protagonist approaches a woman at a bar to admonish her for “woo-hoo”-ing him. This adjective titles a movie in which Josh plays on a giant (*) keyboard in a toy store and stumbles upon a fortune telling machine called Zoltar Speaks. This adjective appears in the title of a 2017 Kumail Nanjiani film and a movie in which two men urinate on a rug owned by “the Dude,” played by Jeff Bridges.** For 10 points, name this adjective that precedes “Lebowski” in the title of a Coen Brothers film.

ANSWER: **big** [accept *The **Big** Sick* or *The **Big** Lebowski*]

<OL Trash>

20. The career of Preston Smith, a holder of this title, was ruined by the Sharpstown stock fraud scandal. A former holder of this position declared that the dollar “is our currency, but your problem” while serving as Secretary of Treasury and led the “Democrats for Nixon” group. A holder of this position mocked the Republican nominee for being born with a “silver foot in his mouth” at the 1988 DNC. That holder of this position, (*) Ann Richards, may have been hurt by push polls run by Karl Rove during the 1994 election for this position. The longest-serving holder of this position issued an executive order mandating that girls receive the HPV vaccine and currently serves as Secretary of Energy. For 10 points, name this position that has been held by John Connally, Rick Perry, and George W. Bush.

ANSWER: **Governor** of **Texas**

<GP American History>

21. A poem from this country claims that “Laureate poets seem to wander among plants no one knows,” whereas “even the poor” know the “fragrance” of the title plants. An author from this country wrote a quartet of novels that includes *The Story of a New Name*; that author was controversially identified as the translator Anita Raja in 2016. Besides those authors of *My Brilliant Friend* and (*) *Cuttlefish Bones*, this country is the setting of a novel which features the translator Ermes Marana and a professor of Cimmerian literature named Uzzi-Tuzzi. In that novel, the unnamed reader fall in love with Ludmilla while trying to find complete copies of books such as *If on a winter's night a traveler*. For 10 points, name this country home to Eugenio Montale, Elena Ferrante, and Italo Calvino.

ANSWER: **Italy** (The lead-in is about “Lemon Trees.”)

<OL European Literature>

Bonuses:

1. Name the following Eastern European filmmakers, for 10 points each.

[10] One film by this director begins with a car accident that kills the composer Patrice de Courcy and his daughter but leaves his wife Julie alive. That film, *Blue*, is the first in this filmmaker's *Three Colors* trilogy.

ANSWER: Krzysztof **Kieślowski** ["kyeh-SHLOFF-skee"]

[10] This Soviet filmmaker's film *Stalker* is based on the novel *Roadside Picnic* and depicts the title character's journey with two clients to the "Zone." This filmmaker is also known for *Solaris* and *Andrei Rublev*.

ANSWER: Andrei **Tarkovsky**

[10] This other Soviet filmmaker showed a woman shot in the face with broken glasses and a baby carriage rolling down the Odessa steps in his film *Battleship Potemkin*.

ANSWER: Sergei **Eisenstein**

<YFL Other Arts (Film)>

2. Answer the following about five-time presidential candidate Eugene V. Debs, for 10 points each:

[10] Debs led the American Railway Union in this strike which ended after Grover Cleveland deployed U.S. troops to force strikers to stop blocking train service.

ANSWER: **Pullman** Strike

[10] Debs's final run took place in this year, during which he was in prison for opposing the draft. In this year's presidential election, James Cox and Franklin Roosevelt lost to a candidate who called for a "return to normalcy."

ANSWER: **1920** [prompt on '20]

[10] The split of Debs' Socialist Party with "Big Bill" Haywood and elements of the IWW was partly caused by disagreement over tactics during a strike of textile workers in this city. Elizabeth Gurley Flynn organized that "Bread and Roses" strike in this city.

ANSWER: **Lawrence**, Massachusetts

<GP American History>

3. This country controls the Bismarck Archipelago and Admiralty Islands. For 10 points each:

[10] Name this Melanesian country that contains the Fly and Sepik Rivers. It is located west of the Solomon Islands, and its highest point is Mount Wilhelm.

ANSWER: Independent State of **Papua New Guinea**

[10] This city on the Gulf of Papua is the capital of Papua New Guinea. The Allied victory at the Battle of the Coral Sea prevented Japanese forces from capturing the city.

ANSWER: **Port Moresby**

[10] Papua New Guinea's island of Manus was the site of an immigration detention center used by this country, separated from Papua New Guinea by the Torres Strait. This country also had a similar facility on Nauru Island.

ANSWER: Commonwealth of **Australia**

<GP Geography>

4. The quantum eraser is a version of this experiment. For 10 points each:

[10] Name this experiment in which light passing through openings diffracts and forms an interference pattern, thus demonstrating the wave-particle duality of light.

ANSWER: Young's **double-slit** experiment

[10] One of these experiments first hypothesized by John Wheeler is based on the double-slit experiment. They concern the altering of light's form depending on how we choose to observe it.

ANSWER: Wheeler's **delayed choice**

[10] Another version of the double-slit experiment was performed in this other experiment, which fired electrons at a nickel target and ultimately confirmed the de Broglie ["duh BROOY"] hypothesis.

ANSWER: **Davisson-Germer** experiment [prompt on partial answer]

<DM Physics>

5. In the preface to his major work, this author described how he drew on the natural histories of Saint-Hilaire and Buffon in an effort to classify mankind. For 10 points each:

[10] Name this 19th-century French author who included the novels *Cousin Bette* ["bet"] and *Eugénie Grandet* ["oo-jay-NEE grawn-DAY"] in his massive cycle *The Human Comedy*.

ANSWER: Honoré de **Balzac**

[10] The Paris-set "Thirteen" trilogy of *The Human Comedy* includes a novella titled for a girl with this sort of eyes. A journal described by this adjective titles a 1962 novel about Anna Wulf that has five sections titled *Free Women*.

ANSWER: **golden** [accept *d'or*] (The novel is *The Golden Notebook* by Doris Lessing.)

[10] *The Human Comedy* shares its title with a novel by this Armenian-American author, who also wrote "The Daring Young Man on the Flying Trapeze" and a play set in Nick's Pacific Street Saloon, *The Time of Your Life*.

ANSWER: William **Saroyan** ["suh-ROY-in"]

<OL European Literature>

6. This substance is studied by edaphologists and pedologists. For 10 points each:

[10] Name this substance that is a combination of sand, silt, and clay in varying proportions.

ANSWER: **soil**

[10] These parallel layers of soil, which often come in an O-A-B-C-R profile, are defined by their physical features like color and texture.

ANSWER: soil **horizons**

[10] This specific type of soil has sand, silt, and clay in a 40-40-20 proportion, leading it to be an ideal farming soil for most plants because of its high humus content.

ANSWER: **loam** [or **loamy** soil]

<DM Earth Science>

7. This man's model of the six functions of language was influenced by Karl Bühler's three-part organon model. For 10 points each:

[10] Name this thinker who wrote *Preliminaries to Speech Analysis* and created a theory of phonology based on a hierarchy of distinctive features.

ANSWER: Roman **Jakobson** ["YAH-kub-son"]

[10] Although he was a member of the Prague circle of linguists, Jakobson was from this country home to psychologist Ivan Pavlov.

ANSWER: **Russia** [or the **USSR**; or the **Soviet** Union]

[10] This linguist's structural analysis was an important influence on Jakobson's work. This man introduced the distinction between *langue* and *parole* in his *Course in General Linguistics*.

ANSWER: Ferdinand de **Saussure**

<YFL Social Science>

8. This kingdom was briefly co-ruled by Kaomi, its ruler's partner in a same-sex *aikāne* relationship. For 10 points each:

[10] Name this kingdom united by Kamehameha ["kuh-MAY-ha-MAY-ha"] the Great. After the overthrow of its final ruler, Liliuokalani, it was replaced by a republic led by Sanford Dole.

ANSWER: Kingdom of **Hawai'i**

[10] Kamehameha III's lover Kaomi was from this kingdom, whose Queen Pōmare exchanged letters with Kamehameha. France made this kingdom a protectorate in 1842 and annexed it in 1880.

ANSWER: Kingdom of **Tahiti**

[10] This other Polynesian state's second civil war led to Germany, the UK, and the US dividing it among themselves. In 1889, a cyclone destroyed ships of all three powers that were moored in the harbor of this country's capital, Apia.

ANSWER: **Samoa**

<GP World History>

9. When this painting's panels are closed, it shows a wayfarer pushing away a dog with a stick. For 10 points each:

[10] Name this painting whose center panel shows Christ in the clouds above a large wagon. The left panel of this painting depicts the expulsion of Adam and Eve as well as insect-like angels being thrown out of heaven.

ANSWER: *The **Haywain***

[10] This Dutch artist painted the *Haywain* triptych as well as other religious triptychs, such as *The Last Judgment* and *The Garden of Earthly Delights*.

ANSWER: Hieronymus **Bosch** [or Jeroen **van Aken**]

[10] One of these creatures pulls the title haywain in Bosch's triptych. At the top of the right panel of Bosch's *The Temptation of St. Anthony*, a woman and a man ride on one of these creatures, and at the bottom of the center panel, one of these creatures is wearing armor and a sheathed sword.

ANSWER: **fish**

<YFL Painting and Sculpture>

10. This writer argued that *We Should All Be Feminists* in a 2015 essay. For 10 points each:

[10] Name this author of *Purple Hibiscus* and a novel in which Ifemelu writes a blog about race in the United States, *Americanah*.

ANSWER: Chimamanda Ngozi **Adichie**

[10] Adichie is from Nigeria, which was also home to this author who wrote about his experiences during the Biafran War in the book *There Was a Country*. He also wrote about the Igbo people in *Things Fall Apart*.

ANSWER: Chinua **Achebe** [or Albert Chinualumogu **Achebe**]

[10] The character of Okeoma in Adichie's *Half a Yellow Sun* is based on this poet, who died during the Biafran War. This poet described standing before the water-goddess "Mother Idoto" in his poem *Heavensgate*.

ANSWER: Christopher **Okigbo**

<OL World Literature>

11. Levinthal's paradox concerns the rate at which this process occurs, pointing out that each amino acid chain has an astronomical number of possible configurations. For 10 points each:

[10] Name this process in which a string of amino acids is arranged into a 3-dimensional, stable shape.

ANSWER: protein **fold**ing

[10] In some proteins, disulfide bridges help maintain this level of protein structure. This term refers to the three-dimensional shape of a single protein subunit.

ANSWER: **tertiary** structure

[10] These agents disrupt hydrogen bonds in water molecules by interfering with intramolecular forces while kosmotropes stabilize hydrogen bonds. One of these agents that acts as a strong denaturant is guanidinium chloride.

ANSWER: **chaotropes** [accept word forms]

<DM Biology>

12. Answer the following about British literature depicting professors, for 10 points each.

[10] Professor Moriarty is the nemesis of this Sir Arthur Conan Doyle character, who appears in *A Study in Scarlet* and *The Hound of the Baskervilles* with his friend John Watson.

ANSWER: **Sherlock Holmes** [accept either underlined part]

[10] In this novel by Kingsley Amis, Professor Dixon chafes under his department head Professor Welch, eventually imitating him in a drunken speech on "Merrie England" that gets him fired from the university.

ANSWER: **Lucky Jim**

[10] Millat's twin Magid interns with biology professor Marcus Chalfen in one of this author's novels. This author's most recent novel is about two girls who meet in a tap-dance class.

ANSWER: Zadie **Smith** (The novels are *White Teeth* and *Swing Time*.)

<OL British Literature>

13. Answer some questions about the impact of Christianity on the mythology of the British Isles, for 10 points each.

[10] This female patron saint of Ireland was syncretized with the Celtic goddess of poetry, wisdom, and high flames, a daughter of the Dagda. She has a perpetual fire burning at Kildare.

ANSWER: St. **Brigid** [or **Brig**]

[10] This Welsh underworld ruled by Arawn or Gwyn ap Nudd grew to be associated with Christian paradise. Gwyn was said to lead his "hounds" of this place during the Wild Hunt.

ANSWER: **Annwn**

[10] This vessel, sought after by the knights of King Arthur, was originally just a magical cup but was syncretized by Robert de Boron with the cup used to catch Jesus's blood at the Crucifixion. It was kept by the Fisher King.

ANSWER: Holy **Grail**

<JK Mythology>

14. The Archbishop of Canterbury, Lord Chancellor Simon Sudbury, was killed during this event. For 10 points each:

[10] Name this 1381 rebellion that occurred in England due to tensions from the Black Death and Hundred Years' War. Its leader was killed at Smithfield by the Mayor of London William Walworth.

ANSWER: **Peasants' Revolt** [or **Wat Tyler's** Rebellion; or **Great Rising**; prompt on answers about rebellion that mention peasants that don't include revolt; do not accept or prompt on "Peasants' War"]

[10] As a 14-year-old, this English king met the leaders of the Peasants' Revolt. This son of Edward the Black Prince was deposed by his cousin Henry of Bolingbroke while campaigning in Ireland.

ANSWER: **Richard II** [prompt on Richard]

[10] The rebels pulverized the jewelry that they found in this palace before setting it on fire. Chaucer may have written the *Book of the Duchess* after the death of Blanche of Lancaster while working for John of Gaunt in this palace.

ANSWER: **Savoy** Palace

<GP British History>

15. This composer worked while looking up at a marble bust of Beethoven, and his first symphony is often called "Beethoven's Tenth." For 10 points each:

[10] Name this German Romantic composer also known for a famous "lullaby." He was close friends with the violinist Joseph Joachim ["YO-zef YAW-khim"] and the pianist Clara Schumann.

ANSWER: Johannes **Brahms**

[10] Joachim and Schumann heavily influenced this 1858 work, the first of Brahms's orchestral works to be performed. Unlike earlier Romantic works of its kind, it attempts to integrate the soloist and the orchestra as equal partners.

ANSWER: Brahms's **Piano Concerto No. 1** in D minor

[10] Brahms's Piano Concerto No. 2 features a solo for this instrument that was adapted into the song "My Slumber Grows Ever More Peaceful." His Sonata No. 1 in E minor for this instrument was meant to be an "homage to J. S. Bach."

ANSWER: **cello**

<KS Music and Opera>

16. This text says that the belief in the Absolute Mind allows humans to take a "moral holiday." For 10 points each:

[10] Name this philosophical text that opens by considering the "Present Dilemma in Philosophy." This book rejects monistic interpretations of the Walt Whitman poem "To You" in favor of pluralistic readings.

ANSWER: **Pragmatism**

[10] This American philosopher and psychologist wrote *Pragmatism* and was a major figure of that school of philosophy alongside Charles Sanders Peirce ["purse"] and John Dewey.

ANSWER: William **James**

[10] James described a two-stage model of free will in a lecture on the "Dilemma of" this stance. This stance holds that all events are necessitated by preceding causes, meaning that free will does not exist.

ANSWER: causal **determinism** [accept word forms]

<YFL Philosophy>

17. Answer the following about crusades that occurred in Europe, for 10 points each.

[10] In addition to the Fourth Crusade, Innocent III sanctioned this crusade in Southern France against a heretical gnostic sect whose dualist beliefs are often compared with the Bulgarian Bogomil [“BO-guh-mil”] sect.

ANSWER: **Albigensian** Crusade [or **Cathar** Crusade]

[10] A group of Dominicans investigated unspecified heresies while following this kingdom’s army on its Bosnian Crusade. That nominal crusade was led by a hunchbacked ruler of this kingdom, Coloman the Book-Lover.

ANSWER: Kingdom of **Hungary**

[10] The crusades against this group began after their namesake leader was executed at the Council of Constance. Joan of Arc dictated a letter threatening to intervene if this group did not return to Catholic orthodoxy.

ANSWER: **Hussites**

<GP European History>

18. This figure declared himself “He whom God shall make manifest” in the Garden of Ridvan. For 10 points each:

[10] Name this religious figure who had a vision of the beauty of God while imprisoned in Tehran. This man followed a figure who had a name translating to “the Gate” and eighteen disciples that were called the Letters of the Living.

ANSWER: **Bahá’u’lláh** [or **Baha Allah**; or Mirza **Husayn Ali Nuri**]

[10] Bahá’u’lláh [“buh-HA-oo-lah”] founded this religion that uses a calendar with 19 months of 19 days each. This religion is governed by the Universal House of Justice.

ANSWER: **Bahá’í** Faith [or **Baha’iyyah**]

[10] Bahá’u’lláh received a vision of one of these figures “of Heaven” while imprisoned in Tehran. Al-Bukhari collected one of the hadiths that describes these figures as having large eyes and skin so transparent that their bone marrow is visible.

ANSWER: heavenly **maidens** [or **houris**; or the **Maid** of Heaven; or **virgins** from paradise; or **hūrīyah**]

<YFL Religion>

19. This slogan apparently derives from an account of an inscription on an emperor’s washtub that he also translated as “Renovate, do it yourself, renovate!” For 10 points each:

[10] Name this three-word command often cited as a quintessential idea of modernism, which Ezra Pound proclaimed writers ought to follow rather than imitating their predecessors.

ANSWER: “**make it new**”

[10] Pound took the motto “Make it New” from a book from this country. He also loosely translated poems from this country in his book *Cathay* and used characters from its writing system in *The Cantos*.

ANSWER: **China**

[10] Another of Pound’s prescriptive writings is an essay titled “A Few Don’ts by a [member of this movement].” Poems of this movement, such as Pound’s “In a Station of the Metro,” focus on clearly-described concrete details.

ANSWER: **Imagism** [accept word forms such as **Imagiste**]

<JB American Literature>

20. The Hildebrand parameter measures this property in polymers. For 10 points each:

[10] Name this property that describes the maximum amount of one substance that can be dissolved in another at equilibrium.

ANSWER: **solubility** [accept word forms]

[10] The solubility of proteins has been found to change by the process of salting in or salting out by ions, which are arranged in this series.

ANSWER: **Hofmeister** series [accept **lyotropic** series]

[10] This phenomenon, caused by Le Châtelier's principle, involves adding a substance with an ion that is already present to equilibrium, which subsequently decreases solubility.

ANSWER: **common-ion** effect

<DM Chemistry>

21. A dove is perched on a ladder in the background of this painting that Charles Dickens attacked for depicting its central character as a "wry-necked, blubbing red-headed boy." For 10 points each:

[10] Name this John Everett Millais painting set in Joseph's carpentry shop. A young boy on the right meant to represent John the Baptist carries a bowl of water.

ANSWER: ***Christ in the House of his Parents***

[10] Millais was a part of this artistic collective which valued imitation of nature and opposed the Joshua Reynolds influenced state of academic art of their time. Dante Gabriel Rossetti and William Holman Hunt were also part of this group.

ANSWER: **Pre-Raphaelite** Brotherhood [or **PRB**]

[10] This woman modeled for many paintings by the Pre-Raphaelite Brotherhood. She floated in a cold bathtub for many hours to model for Millais's *Ophelia*, and was the model for Rossetti's *Beata Beatrix*.

ANSWER: Elizabeth (Eleanor) **Siddal**

<YFL Painting and Sculpture>