

Stevenson Memorial Tournament 2018

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Packet 3

Tossups:

1. **An 1844 riot in this region was ended by the king's reduction of the price of beer by ten percent. Luitpold was forced to be the Prince Regent in this region for 26 years due to the madness of his nephew, Otto. A king of this region was pressured to release civil servants from loyalty to him via the Anif Declaration by the government of Kurt Eisner, who then proclaimed its socialist "Free State." Thousands died of (*) starvation in this region during a minor war fought over its succession after the death of Maximilian Joseph of its Wittelsbach dynasty. A king of this region commissioned the building of Neuschwanstein ["NOYSH-von-shtyne"] Castle in homage to Richard Wagner. For 10 points, name this southeastern German state once ruled by the "Mad King" Ludwig II, whose capital is Munich.**

ANSWER: **Bavaria** [or **Bayern**; accept the Kingdom of **Bavaria** or the Free State of **Bavaria**; prompt on Southeast **Germany** until "king" is read]

<JO European History>

2. **A copper phthalocyanine dye that stains this substance after differentiation under a lithium carbonate solution is known as Luxol Blue. A disease that leads to this substance's deterioration is caused by a deficiency of the enzyme aminoacylase 2 and is part of a general class of diseases known as (*) leukodystrophies. That disease is named for Canavan. Guillain-Barre ["gee-YAHN-bah-RAY"] syndrome is a result of an immune attack on the regions coated by this substance. Saltatory conduction is facilitated by the absence of this substance at the Nodes of Ranvier ["ron-vee-AY"]. For 10 points, name this substance synthesized by Schwann cells and oligodendrocytes that makes up a namesake sheath that insulates the axons of neurons.**

ANSWER: **myelin** [accept **myelin sheath**]

<DM Biology>

3. **In Romanian folklore, Praslea the Brave finds a whip that creates these objects while searching for some that were stolen from his father. They aren't axes or arrows, but ball lightning may have inspired the idea that these objects were used as weapons by the god Perun. In a Russian story, Ivan Tsarevich is sent to find some of these things that have been stolen by the Firebird. Skirnir offers eleven of these items to (*) Gerd while trying to woo her for Frey, and Loki pretends to have seen some of them in a forest to help Thiazi kidnap the wife of Bragi. A box of these things that renew the Norse gods' youth is kept by Idunn. Three Greek goddesses fought over who deserved one of these things thrown by Eris at the wedding of Thetis and Peleus. For 10 points, name these fruits, a golden one of which was labeled "to the fairest."**

ANSWER: golden **apples** [prompt on **fruit**]

<JK Mythology>

4. **One of these characters makes a strawberry dessert with salt instead of sugar when her mother announces she is taking the day off. These characters refer to their goals as “castles in the air” and compare their life “burdens” to *The Pilgrim’s Progress*. These characters include one who loves pickled limes and burns another’s notebooks. The eldest of these characters is humiliated at a ball held by the Moffats and eventually marries the tutor John Brooke. The (*) professor Friedrich Bhaer marries another one of these characters after she turns down a proposal from Laurie. These characters are cared for by the servant Hannah, and are the daughters of Marmee and a chaplain in the Civil War. For 10 points, Amy, Meg, Beth, and Jo March are what group of characters who title a novel by Louisa May Alcott?**

ANSWER: the **Little Women** [or the **March** sisters until read; accept clear knowledge equivalents]

<OL American Literature>

5. **This empire’s ruler Ahmad Sanjar escaped with only fifteen of his elite horsemen after being defeated by the Kara-Khitai under Yelu Dashi at Qatwan. This empire captured Baghdad from the Shia Buyids in 1055. This dynasty’s use of the iqta system to pay its military was pioneered by a vizier from it who wrote a book on government called the *Siyasatnama*. An offshoot of this empire was (*) defeated at the Battle of Dorylaeum, forcing its ruler Kilij to retreat and establish a capital at Konya. Nizam al-Mulk served a king of this empire who captured Romanus IV Diogenes. For 10 points, the Sultanate of Rum was an offshoot of what Turkish empire whose king Alp Arslan defeated the Byzantines at the Battle of Manzikert?**

ANSWER: **Seljuq** Empire [prompt on the Sultanate of **Rum**]

<GP World History>

6. **In a musical set in this city, the main character’s store sells a lottery ticket that has a 96,000 dollar payout and hair salon owners Daniela and Carla gossip and tell their clients to “tell me something I don’t know.” In another musical set in this city, a character sings that “a tiger in a cage can never see the sun” in the song “Take Me or Leave Me.” A musical set in this city has five songs consisting of various peoples’ voicemails and ends with the cast singing (*) “no day but today” over and over after the protagonist wakes up and says Angel told her not to die. The song “Seasons of Love” is from a rock musical set in this city based on *La Bohème* where Roger and Mimi are bohemians in the midst of this city’s AIDS crisis. For 10 points, name this city, the setting of the musicals *In the Heights* and *Rent*.**

ANSWER: **New York** City

<YFL Other Arts (Musical Theater)>

7. **This movement publishes books of *Faith and Practice*, many of which include sections of “advices” and “queries.” In Britain, followers of this sect use the acronyms PEST or STEP to stand for virtues like peace and truth, while American members of this religion typically use “SPICES.” This religious movement uses regularly updated “Books of Discipline” to reflect their diverse and changing practices, and “epistles” from international branches of this sect are read aloud at (*) Yearly Meetings. This group practices “testimony of simplicity,” which discourages extravagance and once used to include “plain speech” like thee and thou. This sect founded by George Fox is centered around the “Inner Light,” and it got its common name from his instruction to “tremble at the word of the Lord.” For 10 points, name this religious denomination sometimes called the “Friends.”**

ANSWER: **Quakers** [accept Religious Society of **Friends** until read]

<JK Religion>

8. **This team's third NFL championship was the only defeat for the Packers in the postseason during Vince Lombardi's career. The coach that led this team to four NFC championship games but not victories in a row began working for the Kansas City Chiefs in 2013. State Justice Seamus McCaffery presided over a court built in this team's old stadium for its fans, who once threw (*) snowballs at Santa Claus and more recently forced authorities to grease down local light poles and wore dog masks to games. This team was victorious in two renditions of the Miracle at the Meadowlands. After Carson Wentz injured his ACL, this team unexpectedly flourished with second string quarterback Nick Foles. For 10 points, name this American football team that beat the New England Patriots in Super Bowl LII ["fifty-two"].**

ANSWER: Philadelphia Eagles [accept either underlined portion]

<OL Trash>

9. **The third movement of a symphony by this composer begins with violas playing incessant *marcatissimo* quarter notes alone for 16 bars in cut time in E minor. Mussorgsky's *Songs and Dances of Death* inspired a symphony by this composer in which a soprano and bass sing lyrics by García Lorca and Rilke. The first movement of a symphony by this composer opens with the strings dramatically playing rising and falling (*) minor sixths and ends with a chromatic celesta solo. A symphony by this composer uses the motif E A E D A to represent one of his students, Elmira Nazirova. This composer used a snare drum ostinato in an "invasion theme," and he subtitled a symphony "the creative reply of a Soviet artist to justified criticism." For 10 points, name this composer of the *Leningrad Symphony*.**

ANSWER: Dmitri Shostakovich (The first two clues refer to the Eighth Symphony and Fourteenth Symphony.)

<YFL Music and Opera>

10. **In a letter, the author of this play wrote that he wanted it to depict "human beings," and not "so-called problems," and he chose its title to indicate that one of its characters should be seen as her father's daughter, not her husband's wife. A character in this play hopes to have a "triangular relationship" with a married couple and recounts the story of a "red-haired singer" in Mademoiselle Diana's brothel. This play ends with a (*) judge exclaiming "People don't do such things!" after a woman shoots herself with her father's pistol. A man in this play studies the domestic handicrafts of Brabant during the Middle Ages and is the rival of Eilert Løvborg, whose manuscript the protagonist burns. For 10 points, name this play titled for George Tesman's conniving wife by Henrik Ibsen.**

ANSWER: Hedda Gabler

<OL European Literature>

11. **A reaction of this type converts alkyl bromides or chlorides to alkyl iodides and anomalously does not work well with neopentyl halides. That reaction is the Finkelstein reaction. When the nucleophile attacks the electrophilic center from the same side as the leaving group, this type of reaction is said to proceed in frontside attack fashion and preserves configuration, while a (*) backside attack would lead to an inversion of configuration. Good leaving groups for this reaction include halides and sulfonates. The rate of this reaction is directly proportional to both the substrate concentration and the nucleophile concentration, since they are concerted. For 10 points, name this second-order substitution reaction often contrasted with SN1.**

ANSWER: SN2 [or bimolecular nucleophilic substitution; prompt on substitution]

<DM Chemistry>

12. Mentions of “purple curtains” and “smiling” in this writer’s poem “Lady Geraldine’s Courtship” probably influenced Poe’s “The Raven.” This writer instructs the reader to “gather the north flowers to complete the south” in one poem and describes how a “mystic Shape” replied to this poet’s question with “a silver answer” in another. This poet’s “To Flush, My Dog” inspired a (*) Virginia Woolf novel about that pet. This writer performs the title action to the “depth and breadth and height” that her “soul can reach” in a sonnet. She tells the reader she will “answer and not wait” if they call her by her “pet name,” and that she must “count the ways” of her affection, in two of her love poems. For 10 points, name this writer who included the poem “How do I love thee?” in her collection *Sonnets from the Portuguese*.

ANSWER: Elizabeth Barrett Browning [or Elizabeth Barrett Browning; prompt on Browning]

<OL British Literature>

13. One dome decorated by this artist either depicts the “Realm of the Soul After Death” or *The Creation of the World* and is located in the Chigi [“KEE-jee”] Chapel. An altarpiece by this artist shows the sun and moon in the top corners behind a crucified Jesus with angels catching his blood with chalices. In a piece by this artist, Peter kneels before Jesus in a boat full of fish in one of ten pieces commissioned by Leo X for tapestries, this artist’s (*) “cartoons.” This student of Perugino has four rooms in the Vatican named after him, one of which contains a piece where a man on the right performs a geometric construction on a slate and two central figures hold books and point in opposite directions. For 10 points, name this painter of *The School of Athens*.

ANSWER: Raphael Sanzio da Urbino

<YFL Painting and Sculpture>

14. One mathematician from this country names a problem that asks for the minimum area of a region in which a needle can rotate 360 degrees. A generalization of Brouwer’s fixed-point theorem to set-valued functions is named for a mathematician from this country, and was used to prove the existence of Nash equilibria. In 2012, a mathematician from this country published four impenetrable papers on inter-universal Teichmüller theory, claiming to prove the (*) abc conjecture. A conjecture relating elliptic curves to modular forms is named for André Weil [“vay”] and two people from this country, and was proven by Andrew Wiles in 1994, implying Fermat’s Last Theorem. For 10 points, name this home country of Yutaka Taniyama and Goro Shimura, as well as the paper-folding art of origami.

ANSWER: Japan [or Nihon; or Nippon]

<AW Math>

15. In one of this author’s stories, Nurse Andrews helps herself to an excessive amount of butter, and the two protagonists consider dying their dressing gowns and slippers black. Besides that story, which begins with two sisters discussing giving a top hat to a porter, this author also wrote a story that ends with the protagonist exclaiming “Oh, what is going to happen now?” after a guest admires her pear tree. (*) Bertha Young considers her emotions to be “drunk and disorderly” in that story by this author. In a story by this author, the protagonist is unable to finish the question “Isn’t life—” after visiting a grieving widow with a basket of cream puffs left over from the title event held by the Sheridans. For 10 points, name this New Zealander, the author of “Daughters of the Late Colonel,” “Bliss,” and “The Garden Party.”

ANSWER: Katherine Mansfield Beauchamp Murry [accept either underlined name]

<OL World Literature>

16. **A particle that generates an opposite effect of this phenomenon dependent on density was posited in 2003 by Khoury and Whitman, known as the chameleon field. The binding energy associated with this phenomenon can be calculated using a three-fifths constant multiplied by mass squared divided by radius. This phenomenon's potential is the same along the surface of the (*) geoid.** Fabry–Pérot interferometers were used to observe colliding black holes, revealing this phenomenon's associated radiation. Newton names an inverse-square, universal law of this phenomenon, which is seen as bending the fabric of spacetime. For 10 points, what fundamental force governed by general relativity is the attraction between mass?

ANSWER: **gravity** [accept variants like **gravitation**]

<DM Physics>

17. **This man controversially told victims made homeless by an earthquake in his country to view it as a “camping weekend.” This leader's state-owned energy company made an agreement with Gazprom to build the South Stream pipeline. In one election, this man was defeated by The Union, a coalition led by a former European Commissioner. He controversially complimented (*) Barack Obama on his suntan.** This politician's People of Freedom party won power in 2008 after a no-confidence vote against his rival Romano Prodi. This leader resigned following the “Rubygate” scandal over allegations that he had had sex with the underage Karima el Mahroug at one of his “bunga bunga” parties. For 10 points, name this controversial media tycoon and three-time Italian prime minister.

ANSWER: Silvio **Berlusconi**

<GP European History>

18. **A conspiracy theory about one of these events argues that it was actually caused by nuns in a purple van, although that theory is denied by people like Lenny Pozner. Nick and Laura Phelps were falsely associated with two of these events in a 2018 viral Facebook post. A video produced in response to one of these events shows a boy nicknamed “bored” interrupted while signing a yearbook. (*) Marco Rubio was booed after responding to a question from Fred Guttenberg at a town hall meeting regarding these events. Emma Gonzalez was called a “crisis actor” after one of these events perpetrated by Nikolas Cruz.** For 10 points, name these events that took place at institutions in Parkland, Florida, Newtown, Connecticut, and Columbine, Colorado.

ANSWER: **school shootings** [accept clear equivalents; prompt on answers that don't include equivalents of the word school; prompt on “tragedies in Connecticut” or equivalent answers before “Nick” is read] (The first line refers to Newtown.)

<OL Current Events>

19. **The “forgotten alternatives” presented by 19th-century history are discussed in a C. Vann Woodward book titled for the “strange career” of this figure. A book titled for this figure examines the HUD's “One Strike” policy in a chapter on “The Cruel Hand.” This figure was introduced by Thomas D. Rice, who wrote a piece in which he exclaims “wheel about, and turn about, and do just so.” The “undercaste” created by the War on Drugs and (*) mass incarceration is discussed in a Michelle Alexander book titled for the “new” this figure. This figure, who titles a minstrel song titled “Jump [him],” is the namesake of a legal regime that revived the 1865 Black Codes and was targeted by the *Brown v. Board of Education* decision.** For 10 points, Southern racial segregation laws were nicknamed for what fictional man?

ANSWER: **Jim Crow** [prompt on partial answers]

<JB American History>

20. **This thinker called social justice a “mirage,” claiming that “there can be no distributive justice where no one distributes.” One of his works claimed that the Western world is in a state of crisis because of lost principles of freedom, and he used the scarcity of tin to illustrate how price signals can spontaneously generate order and let people act on decentralized information. This self-proclaimed Burkean Whig criticized (*) socialist economies as inefficient in *The Fatal Conceit*. In a famous postscript, this author of *Prices and Production* characterized the title philosophy as “opposition to drastic change” to explain “Why I am Not a Conservative.”** For 10 points, name this thinker who argued that economic collectivism leads to tyranny in *The Road to Serfdom*, an economist of the Austrian School.

ANSWER: Friedrich August von **Hayek**

<JB Social Science>

21. **A treaty signed during this man’s presidency set one border at the Red River. William Pinkney and this man failed to negotiate a renewal of Jay’s Treaty, and he helped Robert Livingston negotiate the Louisiana Purchase. As a minister to France, this man secured the release of Thomas Paine from prison, and as governor of his state, he called out the militia to suppress a slave rebellion led by Gabriel Prosser. This man and his running mate (*) Daniel Tompkins defeated the last Federalist candidate, Rufus King, to win the presidency, and the cases *Gibbons v. Ogden* and *McCulloch v. Maryland* were argued during his presidency. This man’s presidency coincided with the “Era of Good Feelings.”** For 10 points, name this man who served as president from 1817 to 1825, after James Madison.

ANSWER: James **Monroe**

<GP American History>

Bonuses:

1. Sranan Tongo is a lingua franca in this nation. For 10 points each:

[10] Name this former Dutch colony that contains the districts of Saramacca and Brokopondo. Its smallest district is the site of its capital Paramaribo.

ANSWER: Republic of **Suriname**

[10] Suriname disputes the New River Triangle with this neighboring country. This country is home to the Rupununi Savanna, and its capital is the headquarters of CARICOM.

ANSWER: Co-operative Republic of **Guyana**

[10] This national group is the largest in both Guyana and Suriname, as well as in Mauritius. People of this national ancestry were brought as indentured servants by the British government to those countries.

ANSWER: **Indians**

<GP Geography>

2. Answer the following about common motifs from Japanese and Turkish literature, for 10 points each.

[10] Bilge Karasu wrote a novel about a garden of departed examples of these creatures. One of these animals is kept by Mr. Sneeze in a Natsume Soseki novel, and lost animals of this type are a recurring Haruki Murakami plot point.

ANSWER: **cats** [accept *The Garden of the Departed* **Cats**; accept *I Am a Cat*]

[10] Orhan Pamuk's novel about the poet Ka is titled after this substance. This type of precipitation precedes *Country* in the title of a Yasunari Kawabata novel and follows *Spring* in the title of a Yukio Mishima novel.

ANSWER: **snow** [or **Snow Country**; or *Spring Snow*]

[10] This object titles a Nazim Hikmet play. In one plot thread of *Hard-Boiled Wonderland and the End of the World*, the unnamed narrator reads dreams from objects of this type taken from unicorns.

ANSWER: **skulls**

<OL World Literature>

3. Kornblum's rule predicts the mechanism of a reaction with an ambident nucleophile based on this property of the attacking groups. For 10 points each:

[10] Name this property that is roughly equal to the derivative of Mulliken electronegativity with respect to number of electrons. Ralph Pearson formalised a definition of this quantity.

ANSWER: **hardness** [or **softness**]

[10] In general, reactions between hard species are described as being "driven" by a change in this quantity. The contraction of a polymer in solution towards its radius of gyration is driven by changes in this quantity.

ANSWER: **entropy** [or **S**]

[10] This smallest halide anion is a hard base. It is sometimes added to water to improve dental health.

ANSWER: **fluoride** [or **F⁻**]

<DM Chemistry>

4. Clenora Hudson-Weems described an “Africana” type of a concept described by this thinker, which this thinker claimed “is to feminist as purple is to lavender.” For 10 points each:

[10] Name this writer who greatly influenced modern black feminism by describing womanism in her prose work *In Search of Our Mothers' Gardens*.

ANSWER: Alice **Walker**

[10] Contemporary black feminists can be described by this adjective often used to describe third-wave feminism. In social science, this adjective refers to the interaction of overlapping identities.

ANSWER: **intersectional** feminism

[10] A bell hooks book subtitled “Black women and feminism” is titled “Ain’t I a Woman?” after a speech by this activist, in which she asserted “I could work as much as a man and bear the lash as well.”

ANSWER: Sojourner **Truth** [or Isabella **Baumfree**]

<OL Social Science>

5. Answer the following about rulers of the Rurikid Dynasty, for 10 points each.

[10] Rurik, the dynasty’s founder, is said to have founded Holmgard, a fort that became this Russian city near Lake Ladoga. This city was called “the great” by citizens of its republic, which was the easternmost member of the Hansa.

ANSWER: **Novgorod**

[10] One of Rurik’s descendants was this son of Vladimir the Great, who overthrew his brother Sviatopolk the Accursed, seized the port of Chersonesos from the Byzantines, and issued the *Russkaya Pravda* law code.

ANSWER: **Yaroslav the Wise** [or **Yaroslav I**; prompt on **Yaroslav**]

[10] Yaroslav and Vladimir ruled the Rus’ [“roose”] from this city in present-day Ukraine on the Dnieper River.

ANSWER: **Kiev** [or **Kyiv**]

<GP European History>

6. This city was founded after a man was instructed by the Oracle of Delphi to give up looking for his sister Europa and instead follow a cow with a half-moon on its side. For 10 points each:

[10] Name this city founded by Cadmus. A war over this city pitted Eteocles against Polyneices and the “Seven Against [this city].”

ANSWER: **Thebes**

[10] Cadmus founded Thebes at a site where he killed a dragon guarding one of these places. Cadmus then planted the dragon’s teeth near that place of this sort and created the Spartoi.

ANSWER: a **spring** [or equivalent, such as a **well**]

[10] The grandson of Cadmus, Labdacus, was torn apart in one of the instances of *sparagmos* attributed to this group. These female devotees of Dionysus may have chewed laurel leaves in order to enter the characteristic frenzied state of their rituals.

ANSWER: **maenads** [or **Bacchae**; or **Bassarids**; or **Bacchantes**]

<YFL Mythology>

7. A sculpture located in this city features two pillars, each with round eyes with slits on them on all four sides. For 10 points each:

[10] Name this city home to three sculptures honoring its country's World War I heroes, including twelve hourglass-shaped chairs placed around a round table and 17 rhombus-like modules stacked on top of one another.

ANSWER: **Târgu Jiu** ["TER-goo jee-oo"]

[10] This Romanian sculptor created the sculptural ensemble at Târgu Jiu. His series *Bird in Space* was taxed upon arrival in the US, causing legal controversy over what qualifies as art.

ANSWER: Constantin **Brâncuși** ["brin-KOOSH"]

[10] This Brâncuși sculpture depicts a head on its side and was modeled after Baroness Renée-Irana Frachon.

ANSWER: ***Sleeping Muse*** [or ***La Muse Endormie***; accept ***The Sleeping Muse***]

<YFL Painting and Sculpture>

8. Answer the following about certain vitamins essential for your well-being. For 10 points each:

[10] This group of water-soluble vitamins, which includes folate, thiamine, and niacin, can be derived from meats and plant products.

ANSWER: **B** vitamins

[10] A deficiency of thiamine can lead to this disease that comes in "wet" and "dry" forms, the latter of which can manifest as Wernicke's encephalopathy.

ANSWER: **beri-beri**

[10] This compound that is produced in the parietal cells of the stomach is necessary for the absorption of B12, which is responsible for facilitating metabolism.

ANSWER: **intrinsic factor** [accept **IF** or **GIF**]

<DM Biology>

9. Ignatius White was sent to this nation to convince it to oppose the Glorious Revolution. For 10 points each:

[10] Name this country where King James II and his wife Mary fled to after they were deposed in the Glorious Revolution. It was ruled at the time by James's cousin, who was nicknamed the "Sun King."

ANSWER: Kingdom of **France**

[10] France's Louis XIV negotiated this treaty with James's brother and predecessor Charles II. This secret treaty stipulated that he convert to Catholicism and help France fight the Dutch in exchange for 230,000 pounds a year.

ANSWER: Secret Treaty of **Dover**

[10] After deposing James II, William III brought England into this war against France. This war is named for a coalition and was ended by the Treaty of Ryswick in 1697.

ANSWER: War of the **League of Augsburg** [or War of the **Grand Alliance**; or **Nine Years' War**]

<GP Euro/British History>

10. You're writing a C program and trying to get it to execute. For 10 points each:

[10] First, you use clang, one of these programs, to convert your source code to object code. This kind of program translates code from high-level languages to lower-level ones.

ANSWER: **compilers**

[10] You use a linker to combine your object file with library code to make an executable. Because you want your program to be more portable, you use this specific kind of linking in which library files are stored directly in the executable, instead of being loaded on-the-fly at runtime.

ANSWER: **static** linking [or **statically** linked]

[10] You finally run your executable file. Unfortunately, you didn't manage your pointers correctly and the program immediately crashes because it tries to read inaccessible memory, a situation known as this kind of "fault."

ANSWER: **segfault** [or **segmentation** fault]

<DM Computer Science>

11. Christopher Fry translated Jean Anouilh's ["ah-NOO-ee's"] play about this person, *The Lark*. For 10 points each:

[10] Name this character. Another playwright reimagined her as Simone Machard in one play and wrote another in which she joins the Black Straw Hats in the Chicago stockyards.

ANSWER: **Joan** of Arc [or **Jeanne** d'Arc; accept Saint **Joan**]

[10] This play by the writer of *Saint Joan of the Stockyards* describes the experiences of Anna Fierling during the Thirty Years' War. It is partially titled after Kattrin, Eilif, and Swiss Cheese.

ANSWER: **Mother Courage and her Children** [or **Mutter Courage und ihre Kinder**]

[10] This German playwright of *Mother Courage and her Children* also wrote the *Threepenny Opera* and *The Caucasian Chalk Circle*. He argued against Aristotelian ideas in advocating his "epic theater" style.

ANSWER: Bertolt **Brecht** [or Eugen Bertolt Friedrich **Brecht**]

<OL European Literature>

12. Thomas Chittenden served as the first and third leader of this government. For 10 points each:

[10] Name this government that was formed following disputes over the Wentworth Grants. Its leaders were embarrassed by the revelation of their secret negotiations with Frederick Haldimand.

ANSWER: **Vermont** Republic

[10] This militia force from the Vermont Republic was led by Seth Warner and Ethan Allen. They helped Benedict Arnold capture Fort Ticonderoga from the British in 1775.

ANSWER: **Green Mountain Boys**

[10] Benedict Arnold fought the British on this lake during the Battle of Valcour Island. This lake was also the site of the Battle of Plattsburgh in the War of 1812.

ANSWER: Lake **Champlain**

<GP American History>

13. Because of color confinement, these particles are never by themselves. For 10 points each:

[10] Name these elementary particles that come in six flavors, including up, down, and charm. They combine to form hadrons.

ANSWER: **quarks**

[10] The flavor changing of quarks as a result of the weak force is described in this mixing matrix originally used for observing the weak decay of three generations of quarks.

ANSWER: **CKM** matrix [or **Cabibbo-Kobayashi-Maskawa** matrix]

[10] The strong force binding together quarks when forming neutrons or protons is mediated through these particles described in QCD.

ANSWER: **gluons**

<DM Physics>

14. This artist's *Away from the Flock* depicts a lamb posed as if walking. For 10 points each:

[10] Name this British artist who used tanks of formaldehyde to preserve animals for works such as *Mother and Child, Divided* and *The Physical Impossibility of Death in the Mind of Someone Living*.

ANSWER: Damien **Hirst**

[10] Hirst's *The Physical Impossibility of Death in the Mind of Someone Living* contains a preserved example of this animal. A painting by John Singleton Copley depicts the rescue of Brook Watson from one of these fish in the Havana harbor.

ANSWER: **sharks**

[10] One of the other Young British Artists, Tracey Emin, created this piece, which gained notoriety after being shortlisted for the 1999 Turner Prize. That same year, two Chinese performance artists had a shirtless fight on this installation.

ANSWER: ***My Bed***

<YFL Other Arts (Visual)>

15. This philosopher's *Essay Towards a New Theory of Vision* states that spatial depth is invisible. For 10 points each:

[10] Name this philosopher whose so-called "master argument" uses the example of a tree in a park to establish that mind-independent objects don't exist. He claimed that "*esse is percipi*," meaning "to be is to be perceived."

ANSWER: George **Berkeley** ["BARK-lee"] [or Bishop **Berkeley**]

[10] In Berkeley's *Three Dialogues between Hylas and Philonous*, Hylas voices many ideas of this philosopher, whose theories Berkeley found self-contradictory. He also wrote *Two Treatises of Government*.

ANSWER: John **Locke**

[10] In the *Dialogues*, Hylas first tries to claim that these attributes, such as "colours, sounds, and tastes," are the only ones that exist in the mind. Locke's *An Essay Concerning Human Understanding* claims that these attributes to be dependent on a class of real attributes that includes figure, solidity, motion, and rest.

ANSWER: **secondary** qualities

<YFL Philosophy>

16. Scoto Mantua attempts to sell fake medicine in front of Corvino's house in this play. For 10 points each:

[10] Name this play in which a Venetian pretends to be ill at the expense of Corbaccio and Voltore. Mosca assists this play's title "Sly Fox."

ANSWER: ***Volpone***

[10] This playwright of *Volpone* also wrote *Bartholomew Fair* and *Every Man in his Humor*. He described his contemporary William Shakespeare as "not of an age, but for all time."

ANSWER: Ben **Jonson**

[10] Volpone sings a song noting "Time will not be ours forever; He at length our good will sever" in an effort to seduce a woman of this name. Jonson wrote "Drink to me only with thine eyes!" in a poem to a woman of this name.

ANSWER: **Celia** [accept "To **Celia**"]

<OL British Literature>

17. This man loses his seven sons, his three daughters, and all of his wealth because God allows Satan to test him. For 10 points each:

[10] Name this man from the Land of Uz whose namesake book of the Bible includes his discussions with his friends Zophar, Eliphaz, and Bildad about his trials.

ANSWER: **Job** [or **Iyov**]

[10] God appears to Job and his friends via one of these phenomena. God asks Job, “where were you when I laid the foundations of the earth?” from within one of these things.

ANSWER: **whirlwind** [or equivalents such as a **tempest**, **typhoon**, **winds**, **clouds**, or **storm**]

[10] Chapter 28 of Job is a poetic interlude about where this concept is found. It ends by saying that “the fear of the Lord is [this concept], and to turn away from evil is understanding.”

ANSWER: **wisdom**

<YFL Religion>

18. This Laguna Pueblo writer made the first print run of the collection *Sacred Water* by hand. For 10 points each:

[10] Name this author of a novel that follows the veteran Tayo, whose episodes of PTSD often feature the death of his cousin Rocky in the Bataan Death March.

ANSWER: Leslie Marmon **Silko** (That novel is *Ceremony*.)

[10] This author from Spokane [“spo-CAN”] wrote *Reservation Blues* and the young adult novel *The Absolutely True Diary of a Part Time Indian*.

ANSWER: Sherman **Alexie**

[10] The 13-year-old narrator witnesses the aftermath of his mother’s rape in a novel by Ojibwe [“oh-JIB-way”] author Louise Erdrich titled for a round object of this type. A Sandra Cisneros collection titled after one of these objects chronicles Esperanza’s coming of age on Mango Street.

ANSWER: **house** [accept *The Round House* or *The House on Mango Street*]

<OL American Literature>

19. The third movement of this suite is in dual 2/4 and 6/8 time and uses arpeggios to imitate waves. For 10 points each:

[10] Name this five-movement suite for solo piano. Each movement of this suite is dedicated to a member of the art group Les Apaches [“layz ah-POSH”], including “A Boat on the Ocean” and “Alborada del Gracioso.”

ANSWER: **Miroirs**

[10] *Miroirs* is a piece written by this French composer who used a prominent snare drum ostinato in his piece *Boléro*.

ANSWER: Maurice **Ravel**

[10] The second movement of this solo piano piece by Ravel uses a B-flat octave ostinato to represent a tolling bell. This triptych includes a difficult movement called “Scarbo” that represents a flying goblin.

ANSWER: **Gaspard de la nuit**

<YFL Music and Opera>

20. This empire reached its height under the rule of Hayam Wuruk. For 10 points each:

[10] Name this final Hindu kingdom in Southeast Asia. It was based out of Java with capital at Trowulan, and Gajah Mada served as this kingdom's most able prime minister.

ANSWER: **Majapahit** ["mah-jah-PA-heet"] Kingdom

[10] This ruler sent a failed invasion of the Majapahit Kingdom in 1293. This emperor of the Yuan Dynasty was thwarted in his attempts to invade the Kamakura Shogunate by typhoons called "kamikaze."

ANSWER: **Kublai** Khan [or Yuan **Shizu**]

[10] The Majapahit subjugated a kingdom on this island in 1398. On this island, Stamford Raffles established a trading port that became part of the Straits Settlements.

ANSWER: **Singapore**

<GP World History>

21. These people created a kingdom in Southern Italy under their leaders Roger Bosso and Roger II. For 10 points each:

[10] Name these people who were first led by the Viking Rollo. The Hautevilles were a family from these people.

ANSWER: **Normans**

[10] Some of the Hautevilles, such as Bohemond and Tancred participated in this conflict. Bohemond would leave this campaign after the capture of Antioch, while Tancred would join the other leaders in capturing Jerusalem.

ANSWER: **First Crusade** [prompt on crusade]

[10] The Principality of Antioch would eventually be made a vassal of this empire under its ruler Manuel I. Bohemond and his father Robert Guiscard defeated this empire at the Battle of Dyrrhachium.

ANSWER: **Byzantine** Empire

<GP European History>