

Bulldog High School Academic Tournament 2019 (XXVIII): Description acceptable.

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Edited by Jacob Reed, with Stephen Eltinge, Adam S. Fine, and Andrew Wang

Packet 14 Tossups

1. **A group of poets from this century supposedly lent their name to a French “library” of complete works editions published by Gallimard. In this century, a king’s sister wrote a Boccaccio-inspired collection that became known as the *Heptameron*. A group of poets from this century called “La Pléiade” included Joachim du Bellay [zhah-KAA du beh-LAY] and Pierre de (*) Ronsard. A writer from this century described an abbey with the motto “do what thou wilt” named for Thélème. That French writer from this century used famously vulgar language to write novels about Panurge and the giants Gargantua and Pantagruel. For 10 points, name this century of Renaissance writers like François Rabelais [rah-buh-LEH].**

ANSWER: **16th** century [or **1500s**] <JR>

2. **Musicians from this country invented a kind of four-voice harmonized chant that uses “pointing” to show how to sing a Canticle or Psalm. A composer from this country created standard arrangements of “Hyfrydol” and “Lasst uns erfreuen” in 1906. In 1931, the record label HMV was merged into the record company (*) EMI in this country. A composer from this country wrote a B-minor violin concerto in 1910 and an E-minor cello concerto in 1919. That composer from this country depicted his friends in movements like “Nimrod” from his *Enigma Variations*. For 10 points, name this home country of Ralph [rafe] Vaughan Williams and Edward Elgar.**

ANSWER: **England** [accept Great **Britain** or **United Kingdom**] <JR>

3. **In the 1960s, residents of this state’s largest city formed the group CAUTION to oppose the westward extension of the Stone Mountain Freeway. News reports initially blamed security guard Richard Jewell for a 1996 attack in this state that was actually perpetrated by Eric Rudolph. Beverly Hall resigned as school superintendent of a city in this state after a (*) cheating scandal was exposed by the *Journal-Constitution*. The author of the 1994 “Contract with America” represented this state while serving as Speaker of the House. Newt Gingrich is a politician from—for 10 points—what state, in which the 1996 Summer Olympics were marred by a bombing in downtown Atlanta?**

ANSWER: **Georgia** <SE>

4. **Carlo Rubbia pioneered the use of liquid argon time projection chambers to detect *these* particles with the ICARUS detector, which moved to Fermilab in 2017 to join the MiniBooNE detector for these particles. The fact that the flux of these particles is three times lower than expected is their namesake “problem.” Takaaki Kajita confirmed that these particles have mass by observing their flavor oscillations at Super-Kamiokande. Wolfgang (*) Pauli proposed the existence of these uncharged leptons to explain beta decay. For 10 points, name these neutral, nearly massless particles that move near the speed of light and are produced in huge numbers by the Sun.**

ANSWER: **neutrinos** <SE>

5. A girl in one of this author's plays gives another character a medallion inscribed with a quote from one of that character's own books. This man included detailed statistics in a book of travel notes based on a visit to Sakhalin Island. In his works on dramatic theory, this man instructed readers to "remove everything that has no relevance to the story." In one of his plays, (*) Konstantin shoots the title animal to impress Nina, but she loves Trigorin instead. This man argued that, if a gun is seen onstage, it must go off at some point. Madame Ranevskaya allows the destruction of the title estate in a play by—for 10 points—what Russian author of *The Seagull* and *The Cherry Orchard*?

ANSWER: Anton (Pavlovich) Chekhov <CK>

6. After his service carrying artillery shells in *this* country, the Syrian brown bear Wojtek [VOY-tek] lived out his life in Edinburgh Zoo. John P. Lucas led Operation Shingle to outflank the Winter Line in this country, which was also defended by the Gustav Line. Albert Kesselring primarily directed the defense of this country. The Allies bombed a historic (*) Benedictine Abbey in this country during a drive to its capital. The invasion of this country included Operation Husky and involved the Battles of Anzio and Monte Cassino. For 10 points, name this former Axis power once led by Benito Mussolini.

ANSWER: Italy [or Italia; or Italian Republic] <SPQR>

7. The religious practices of *these* people were documented by Helmold of Bosau. It is believed that these people worshipped a deity whose name means "white god," who served as a contrast to a recorded deity whose name means "black god." The introduction of Christianity to these people resulted in a syncretic religion whose name means "double faith." The *Primary Chronicle* mentions how a leader of these people built a temple dedicated to gods like (*) Perun and Dazhbog. Chernobog was a deity of these people, who also believed in a witch who lived in a hut with chicken legs. Baba Yaga appears in the folklore of —for 10 points—what Eastern European peoples?

ANSWER: Slavs [accept word forms such as Slavic; accept specific Slavic groups such as Russians, Ukrainians, or Poles] <AW>

8. This is the only real number aside from 1 whose infinite tetration yields its square. The reciprocal of "this number minus 1" equals "this number plus 1," which is known as the "silver ratio." This number is the ratio between the diameter of a circle and the side length of its inscribed square. This number is the subject of the most common proof by infinite descent of (*) irrationality. The *reciprocal* of this value is the cosine of "pi over 4." This number is the norm of the vector (1,1) ["one comma one"] and it is the length of the hypotenuse for a right triangle whose legs each have length 1. For 10 points, give this number approximately equal to 1.414.

ANSWER: the square root of 2 [accept 2 to the one-half power, accept 2 over root 2] <JW>

9. In this state's most recent gubernatorial election, an Indian-American immigrant spent 10 million dollars of his own money to take third place in the Democratic primary behind public health official Abdul El-Sayed. This state's outgoing governor declined to endorse the man who beat his lieutenant governor, Brian Calley, in the primary. In November 2018, (*) Debbie Stabenow retained her Senate seat in this state, which elected the first Palestinian-American woman to the House. Rashida Tlaib [tuh-LEEB] is a freshman representative from—for 10 points—what state in which Gretchen Whitmer succeeded Rick Snyder in the governor's mansion in Lansing?

ANSWER: Michigan <SCW>

10. In this film, the camera tracks away to an empty hallway while the protagonist apologises on the phone for ruining a date. This film's protagonist jokes about getting "organezized" while on a date with a campaign fundraiser. This was Paul Schrader's first major screenwriting credit, and it starred a 14 year-old Jodie Foster as a prostitute. This film's protagonist improvises a gadget to quickly draw a (*) revolver, which he practices while repeating the line "You talkin' to me?", and he says that "all the animals come out at night" to describe the "scum" of New York city. Robert De Niro starred in—for 10 points—what Martin Scorsese film whose title character tries to shoot one of his passengers?

ANSWER: Taxi Driver <JR>

11. A "Song" by this poet tells the addressee: "if thou wilt, remember, / And if thou wilt, forget" when the speaker is "dead, my dearest." This poet used an irregular iambic meter and near-ABAB rhyme scheme for a poem whose main characters are likened to "two pigeons in one nest." In that poem by this author, one girl asks another to "suck my juices," causing the latter to ask "have you tasted / For my sake the (*) fruit forbidden?" In that poem by this author, the title creatures use fruit to seduce Laura, who is saved by her sister Lizzie. For 10 points, name this Victorian poet who wrote "Goblin Market," the sister of Pre-Raphaelite poet Dante Gabriel.

ANSWER: Christina (Georgina) Rossetti <JR>

12. The Butler–Volmer equation simplifies to an equation named for *this* scientist in the case of zero overpotential. This scientist names a thermal analogue of the Hall effect discovered with von Ettingshausen. This scientist names the membrane potential at which a particular ion is in equilibrium, which for multi-ionic systems can be calculated from the Goldman–Hodgkin–Katz equation. This man developed the (*) Third Law of Thermodynamics. This scientist names an equation containing a term that multiplies the logarithm of the reaction quotient by " $R-T$ over $z-F$." For 10 points, name this German scientist whose namesake equation gives the reduction potential of a half-cell.

ANSWER: Walther (Hermann) Nernst <AF>

13. Participants in the Adonia festival created miniature examples of *these* things and threw them into the sea. Vergil deliberately left these places undiscussed in his *Georgics*, leading Columella to write a treatise about them. Sallust, Lucullus, and Maecenas patronized three of these places in Rome. Legend says that one of these places was created because (*) Amytis of Media was homesick. In mythology, Heracles temporarily held up the sky while Atlas went to one of these places; that one of these places was inhabited by the dragon Ladon and the Hesperides. Nebuchadnezzar II created—for 10 points—"Hanging" examples of what locations in Babylon?

ANSWER: gardens [accept gardens of Adonis; accept horti; accept Hanging Gardens of Babylon; accept garden of the Hesperides] <SPQR>

14. In *Heroes of the Storm*, the Lost Vikings can choose a talent at level one that gives Erik this attribute. It's not speed-related, but the *SSV Normandy* from the *Mass Effect* universe uses a device called a Tantalus Drive to gain this ability. In *Brood War*, this ability is granted within a small radius by Arbiters. Like burrowing, this ability can be negated by (*) Overseers and Ravens. Dark Templars and Ghosts have this ability. In *Overwatch*, Sombra cannot interact with objectives while using this ability. For 10 points, name this ability of units that can't be detected visually.

ANSWER: stealth [or cloaking; accept camouflage; accept invisibility or word forms] <BY>

15. **One of these things is called “rude, unbending, lusty” in a poem that remarks “I think of little else than of [my own dear friends].” One of these things makes the speaker think of “manly love” in a Walt Whitman “Calamus” poem set in Louisiana. A poem about these things claims that “Earth’s the right place for love” and describes a scene that’d make you think “the inner dome of heaven had fallen” after imagining “some boy too far from town to learn (*) baseball.” The speaker claims “I think that I shall never see / A poem lovely as” one of these plants in a poem by Joyce Kilmer. Robert Frost reimagined the aftermath of an ice storm as a boy swinging from—for 10 points—what plants?**

ANSWER: **trees** [accept “I saw in Louisiana a live-**oak** growing” or “Live **oak**, with moss”; accept “**Birches**”]
<JR>

16. *Description acceptable. This action is omitted during a Janazah. This action must be performed after mistakes of forgetfulness, in the ritual of sahwī. This action is indicated by a keyhole-shaped symbol above the last verse of Sura 7 and about a dozen other verses of the Qur’an. This action names a division of the Qur’an larger than a (*) verse but smaller than a sura. Performing this action before another person or idol is considered shirk. This action is performed at the end of each raka and it alternates with standing up during salat. Prayer rugs are required due to Islam’s extensive use of—for 10 points—what action that, in Islam, involves placing your palms and forehead on the ground?*

ANSWER: **bowing** [or **sujud**; accept **prostration**; accept **ruku** until “ground”] <HK>

17. **One type of receptor for this molecule is blocked by bicuculline. When this molecule binds to its Type A receptors, chloride ion channels open, resulting in the hyperpolarization of affected neurons. This molecule is produced by both Purkinje cells and basket cells via decarboxylation of glutamate. Agonists of this molecule include diazepam and lorazepam. This molecule and glycine have similar neural effects. Its receptors are targeted by (*) barbiturates and benzodiazepines to treat anxiety disorders. For 10 points, name this most important inhibitory neurotransmitter, whose name is normally abbreviated to four letters.**

ANSWER: **GABA** [accept **gamma-aminobutyric acid**] <HK>

18. **In a 1963 painting, this man stands in a mountain landscape with a blue-green robe, a clenched left fist, and an orange umbrella in his right hand. That “model painting” was created during a time when this man was often depicted with workers carrying plates of mangoes. He’s not Lenin, but this man’s embalmed body is at the center of a pilgrimage to the largest public (*) square in the world. After reading that he was the most famous man of the 20th century, Andy Warhol made a series of silkscreens reproducing this man’s official portrait. For 10 points, name this leader whose portrait hangs above Tiananmen Square.**

ANSWER: Chairman **Mao** Zedong [accept mispronunciations that sound like “**Mao** Tse-Tung”] <AH>

19. **Suffixing the equivalent of *this* letter to a verb in Georgian changes first- and second-person singular to plural. The feminine gender is typically formed with some version of this consonant in Semitic languages. In American Sign Language, this letter is signed as a fist with the thumb between the index and middle fingers. This is the *first* letter in the English digraph for dental (*) fricatives. Every demonstrative pronoun in English begins with this letter. The voiced counterpart of this consonant is “d,” which is also produced by putting the tongue just above the teeth. For 10 points, name this most common consonant in English, which is derived from the Semitic *taw*.**

ANSWER: **T** <JW>

20. This city was originally designed with three circular walls, leading it to be called the “round city.” This city was taken over by Turkic bodyguards in the later 9th century, leading to its rule by the Buyid dynasty. This city was home to a “Translation Movement” that preserved many ancient (*) Greek texts. Power was moved away from this city to Samarra after the Mu’tazilite controversy. This city was sacked by Hulagu Khan in the year 1247. The Tigris River supposedly ran black with ink after the destruction of Harun al-Rashid’s House of Wisdom in this city. For 10 points, name this capital of the Abbasid caliphate, which is now the capital of Iraq.

ANSWER: Baghdad <HK>

Tiebreaker

21. In the final novel of an author from this country, sexually explicit letters are written to politicians by a “Proud White Christian Woman.” An author from this country examined “How Censorship Works” in this country in an edited collection titled *What Happened To* one of her novels. In that novel, Rosa’s father Lionel is tried for treason against this country. In one novel from this country, a “liberal” family flees to the (*) native village of the title servant, while in another Absalom Kumalo is arrested for the murder of Arthur Jarvis. *Burger’s Daughter*, *July’s People* and *Cry, the Beloved Country* are novels from—for 10 points—what home of Nadine Gordimer and Alan Paton?

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

Bonuses

1. This period ended in 1185 with the victory of Minamoto clan over the Taira in the Genpei War. For 10 points each:

[10] Name this final classical period of Japanese history. Lady Murasaki's *Tale of Genji* was written in this period, which was followed by the Kamakura period.

ANSWER: **Heian** period

[10] The Kamakura period was the beginning of Japan's rule by *these* military dictators, who kept true power away from the Emperor until the Meiji Restoration of 1868. These people ruled in the Ashikaga and Tokugawa periods.

ANSWER: **shoguns**

[10] This family dominated the Heian period by marrying their daughters to emperors and then raising the royal heirs. A member of this family created the office of *kampaku*, which allowed him to effectively rule as emperor.

ANSWER: **Fujiwara** <HK>

2. For 10 points each—answer the following about zombies...in philosophy:

[10] David Chalmers first proposed the idea of “philosophical zombies,” which look human but lack *these* subjective mental sensations. They include experiences like “seeing the color red” or “the taste of a delicious curry.”

ANSWER: **qualia**

[10] Philosophical zombies have been used to argue both for and against *this* position, which holds that the mind and body are separate substances. It was most famously advocated by René Descartes.

ANSWER: substance **dualism**

[10] Similarly, philosophers have argued that philosophical zombies are either *impossible* in this sense or *only possible* in this sense. This subject concerns the truth of statements like “if A, then B, given C.”

ANSWER: **logic** <AF>

3. This artist's most famous work takes up a whole room in the Brooklyn Museum. For 10 points each:

[10] Name this American feminist artist who anatomically depicted 39 famous women in her massive installation *The Dinner Party*.

ANSWER: Judy **Chicago** [or Judy Silvia **Cohen**]

[10] *The Dinner Party* depicts earlier artist Artemisia Gentileschi [jen-tee-LEH-skee], who was known for her use of tenebrism, an extreme form of *this* technique. This technique's Italian name refers to its strong contrasts of light and dark.

ANSWER: **chiaroscuro** [kyah-roh-SKOO-roh]

[10] Gentileschi spent the end of the 1630s as a court painter in *this* country. Later painters from this country included John Constable and J.M.W. Turner.

ANSWER: **England** [accept Great **Britain** or the **United Kingdom**] <JR>

4. In their replicated form, these structures are typically symmetrical about a centromere. For 10 points each:

[10] Name these structures that form from the condensation of DNA wrapped around histones. The sister chromatids of these structures are separated in mitosis.

ANSWER: **chromosomes**

[10] Histones can be modified to affect gene expression; for example, *this* process modifies a histone at a CpG island, effectively preventing gene transcription. Barr bodies undergo this process extensively.

ANSWER: **methylation**

[10] Methylation and other histone modifications that affect gene expression are examples of *this* type of inheritance, in which factors other than the basic nucleotide sequence affect the expression of traits.

ANSWER: **epigenetics** <HK>

5. For 10 points each—answer the following about everyone’s favorite medieval monk, Bodhidharma:

[10] Bodhidharma is best known for spreading Buddhism to *this* country. A religion originating in this country venerates the Eight Immortals.

ANSWER: **China** [or **Zhongguo**] (The other religion is Daoism.)

[10] Bodhidharma legendarily mutilated *this* part of his body after falling asleep seven years into a meditation session. Dogen’s primary collection of koans is named for a “True Dharma” one of these body parts.

ANSWER: **eyelids**

[10] When Bodhidharma’s eyelids hit the ground, they supposedly created the first of *these* plants. In a Japanese ceremony with roots in Zen Buddhism, one makes the caffeinated drink *matcha* from “green” leaves of these plants.

ANSWER: **tea** plants <AF>

6. For 10 points each—answer the following about plays that keep a specific number of actors onstage:

[10] Only four actors are needed to put on a John Ciani play named for *this* U.S. state, which consists of 11 scenes for two actors each.

ANSWER: **Maine** [accept **Almost, Maine**]

[10] Reginald Rose dramatized backroom courthouse negotiations in a play named for *this* number of “Angry Men.”

ANSWER: **twelve** [or **Twelve Angry Men**; accept **Twelve Angry Jurors** or **Twelve Angry Women**]

[10] Only one actor is needed for *this* kind of scene, in which a character speaks aloud to themselves. One of these scenes begins with the line “O that this too too solid flesh would melt.”

ANSWER: **soliloquy** [or **soliloquies**; prompt on **monologues**] (That line is from Hamlet’s first soliloquy.) <JR>

7. In one of this show’s end tags, Troy and Abed begin a Spanish-language rap with the line “Donde esta la biblioteca.” For 10 points each:

[10] Name this sitcom created by Dan Harmon, which starred Donald Glover, Alison Brie, and Joel McHale, whose characters study at the namesake kind of college.

ANSWER: **Community**

[10] Ken Jeong played *this* **Community** character, who starts as a Spanish teacher, becomes a music student, and then stages a coup d’état as campus security officer. His nickname is “El Tigre Chino.”

ANSWER: Señor **Benjamin Franklin Chang** [accept either underlined part]

[10] In the **Community** episode “Remedial Chaos Theory,” each timeline features *this* song, which repeatedly tells the title character “You don’t have to put on the red light.”

ANSWER: “**Roxanne**” (by The Police) <BY>

8. The first part of this war is typically named for king Archidamus II. For 10 points each:

[10] Name this ancient Greek war fought in the 400s B.C., in which a namesake League headed by Sparta defeated the Delian League headed by Athens.

ANSWER: **Peloponnesian** War

[10] One of the early sparks of the Peloponnesian War was an Athenian attack on Potidaea, a city on *this* three-fingered peninsula that juts down from the northeast part of modern Greece.

ANSWER: **Chalcidice** [or **Chalkidiki**]

[10] The city of Mende on the Chalcidice was a major producer of *this* metal that was mined at Laurium near Athens. This metal was the primary metal used in Athens’s “owl” tetradrachmas.

ANSWER: **silver** <JW/SPQR>

9. Relative values for *this* property for hydrophobic and hydrophilic media are quantified by the partition coefficient. For 10 points each:

[10] Name this property that is very strong for nitrates and compounds containing alkali metals. Compounds with low values for this property tend to precipitate out.

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

[10] Sieverts's law relates the solubility of a gas in a metal to *this* quantity for the gas. For a reaction with gaseous reactants and products, this quantity for each gas is exponentiated to give the equilibrium constant.

ANSWER: **partial pressure** [do **not** accept or prompt on partial (heh) answers]

[10] Partial pressure of a gas and solubility of that gas are proportional according to *this* law, which applies to much more "dilute" solutions than those described by Raoult's law.

ANSWER: **Henry's law** <AF>

10. In a poem, this figure is ignored by a "delicate ship" that "had somewhere to get to and calmly sailed on." For 10 points each,

[10] Name this figure who, in the poem "Musée des Beaux Arts," is also ignored by a ploughman for whom his death "was not an important failure."

ANSWER: **Icarus**

[10] "Musée de Beaux Arts" was written by *this* English poet, who wrote that "We must love each other or die" in "September 1, 1939."

ANSWER: W(ystan) H(ugh) **Auden**

[10] Auden also wrote an elegy for *this* man, whom he calls a "doctor" studying "fauna of the night," which "needs our love." In the poem, this "important Jew" "merely told the unhappy Present to recite the Past like a poetry lesson."

ANSWER: Sigmund **Freud** [or Sigismund Schlomo **Freud**] <HK>

11. The first film in this series bizarrely had its premiere at a MoMA exhibition of *Textiles and Ornamental Arts*. For 10 points each:

[10] Name this series of films, which began with 1955's *Pather Panchali*. They starred mostly amateur actors, and their cinematographer had never operated a camera before.

ANSWER: **Apu Trilogy**

[10] Satyajit Ray's *Apu Trilogy* was heavily influenced by the 1948 film *Bicycle Thieves*, which exemplifies the Neorealist movement from *this* country.

ANSWER: **Italy** [or **Italia**]

[10] The *Apu Trilogy* is a highlight of Indian art-house cinema running "parallel" to *this* major film industry of India. Films from this Mumbai-based industry stereotypically feature elaborate song-and-dance routines.

ANSWER: **Bollywood** <JR>

12. For 10 points each—answer the following about recent and upcoming elections in Africa:

[10] Atiku Abubakar will challenge *this* self-described "converted democrat" in elections in February. After leading a military regime in the 1980s, this man defeated Goodluck Jonathan to win the presidency in 2015.

ANSWER: Muhammadu **Buhari** (Buhari is the president of Nigeria.)

[10] In January 2019, Félix Tshisekedi was declared president of *this* country, succeeding long-time leader Joseph Kabila, who governed from Kinshasa.

ANSWER: **Democratic Republic of the Congo** [accept **DRC** or **DR Congo** or **Congo-Kinshasa**; prompt on **Congo**; do **not** accept or prompt on "Republic of the Congo" or "Congo-Brazzaville"]

[10] An ongoing civil war has led to continual postponement of *this* country's next election, in which a party with an all-green flag will likely be led by Saif al-Islam.

ANSWER: State of **Libya** <MK>

13. One of these systems orbiting Neptune is divided into the subsystems Courage, Liberty, Equality, and Fraternity. For 10 points each:

[10] Name these systems possessed by planets like Jupiter and Uranus. Competing theories for their formation include the disruption of debris from a moon and asteroids passing within a planet's Roche Limit.

ANSWER: planetary **rings**

[10] The most extensive planetary ring system in the Solar System orbits *this* gas giant. This planet's largest moon, Titan, is the only moon in the Solar System with its own atmosphere.

ANSWER: **Saturn**

[10] Planetary rings are prevented from spreading out through *this* process, in which interactions with moons like Saturn's Prometheus keep the rings contained.

ANSWER **shepherding** [accept word forms; accept **shepherd** moons] <AF>

14. This culture's storm god Teshub evolved into a later civilization's god Tarhunt. For 10 points each:

[10] Name this Bronze Age culture whose mythology influenced the Hittites and Luwians. The Mitanni kingdom spoke the language of this culture.

ANSWER: **Hurrians** [accept **Khurrites**]

[10] Teshub is born when his father Kumarbi bites the genitals of the sky god Anu, analogously to how *this* Greek figure castrates his father Uranus.

ANSWER: **Cronus**

[10] Teshub is depicted holding an axe and a "triple" item of this type. Indra carries a weapon representing both a diamond and one of *these* objects known as a *vajra*.

ANSWER: **thunderbolt** <AW>

15. This king was supposedly crowned after his mother sent for him with a raven with a ring in its beak. For 10 points each:

[10] Name this king of Hungary, who also assumed the title of Duke of Austria in 1487. This ruler and son of John Hunyadi created the Black Army and lost the Battle of Baia to Stephen the Great of Moldavia.

ANSWER: **Matthias Corvinus** [accept either underlined portion; accept **Matthias I** or **Matyas I Hunyadi**]

[10] In 1469, Corvinus also was elected king of *this* kingdom in the modern Czech Republic. After a namesake war, Corvinus agreed to limit his rule of this kingdom to Moravia, Silesia, and Lusatia.

ANSWER: Kingdom of **Bohemia**

[10] Corvinus built a legendary institution of *this* kind, which was destroyed after the Battle of Mohács in 1526. A huge institution of this kind at Alexandria was supposedly burned by Julius Caesar on accident.

ANSWER: **library** <SPQR>

16. This man's wits are retrieved when Astolfo travels to the moon, where all things lost on Earth can be found. For 10 points each:

[10] Name this character from a number of European epics, including poems in which he is "furious" and "in love." In a French "song" of him, this Christian knight fights a Saracen army that has invaded Charlemagne's empire.

ANSWER: **Orlando** [or **Roland**; accept **Orlando Furioso** or *The Song of Roland* or *La Chanson de Roland*]

[10] *Orlando Furioso* was written by *this* Italian Renaissance poet. He also coined the term "humanism."

ANSWER: Ludovico **Ariosto**

[10] This character from *Orlando Furioso* is raised as a Saracen warrior before falling in love with the Christian woman Bradamante. He eventually converts to Christianity.

ANSWER: **Ruggiero** <JW>

17. The first of these committees were organized as the delegations to the Stamp Act Congress. For 10 points each:

[10] Name these “committees” that Patriots organized as independent, coordinated governments just prior to the Revolutionary War.

ANSWER: committees of **correspondence**

[10] The Stamp Act was one of *these* pieces of legislation, which prompted a rhyming Patriot slogan demanding “No [*this*] without representation.”

ANSWER: **taxes** [accept “No **taxation** without representation!”]

[10] The Boston committee of correspondence was led by *this* doctor, who later sent Paul Revere on his midnight ride. This man died serving as a general at Bunker Hill.

ANSWER: Joseph **Warren** <JR>

18. For 10 points each—answer the following about composer Amy Beach.

[10] Beach lived most of her life in *this* American city, whose symphony orchestra was conducted for many years by Seiji Ozawa.

ANSWER: **Boston**

[10] A 17-year-old Amy Beach made her debut as a pianist with the Boston Symphony playing *this* composer’s second piano concerto in F minor. This composer wrote four Impromptus and four Ballades for piano.

ANSWER: Frédéric (François) **Chopin** [or Fryderyk Franciszek **Chopin**]

[10] Beach’s “Gaelic” Symphony was a response to *this* Czech composer’s call for Americans to write more nationalist music. This man drew on Native American and African-American music in his “New World” Symphony.

ANSWER: Antonín (Leopold) **Dvořák** <JR>

19. This speech states that “famous men have the whole earth as their memorial.” For 10 points each:

[10] Name this speech about “the road by which we reached our position, the form of government under which our greatness grew, and the national habits out of which it sprang.” It’s usually seen as a paean to Athenian democracy.

ANSWER: **Pericles’ funeral oration** [accept reasonable equivalents involving **Pericles** speaking at a **funeral**; prompt on partial answer]

[10] This author included fictionalized speeches like Pericles’ funeral oration and the Melian Dialogue in his *History of the Peloponnesian War*. He used a more “critical” style than his more anthropological predecessor, Herodotus.

ANSWER: **Thucydides**

[10] Thucydides’ curt and archaic style was imitated by this Roman historian, who was praetor in 46 B.C. This native of Amiternum authored the *War Against Jugurtha* and the *Conspiracy of Catiline*.

ANSWER: Gaius **Sallustius** Crispus <SPQR>

20. When two vector quantities in physics are combined, it’s often with a cross product. Identify some situations in which that occurs, for 10 points each.

[10] According to one term in the Lorentz force law, the force on a charged particle is proportional to its velocity crossed with *this* field, which points from north poles to south poles and is produced by iron samples.

ANSWER: **magnetic** field

[10] When one of *these* things is placed in an *electric* field, it feels a torque given by the cross product of its strength and the electric field. The strength of these entities is measured in debyes.

ANSWER: electric **dipole** [accept **dipole moment**; do not accept or prompt on “magnetic dipole”]

[10] The electric and magnetic fields are crossed with each other in the definition of *this* vector denoted *S*, which indicates the direction and magnitude of the energy flux carried by an electromagnetic wave.

ANSWER: **Poynting** vector <SE>

Tiebreaker

21. This novel's female heroine writes a long elegy for some flower petals that she buries. For 10 points each:

[10] Name this novel whose male hero breaks the heart of that heroine by marrying a more conventional, highly scholarly cousin. Its standard English translation by David Hawkes runs to well over 2,000 pages.

ANSWER: **Dream of the Red Chamber** [or *A Dream of Red Mansions*; or **Hong lou meng**; accept *The Story of the Stone*]

[10] *Dream of the Red Chamber* uses *this* literary device, in which the main plot is set within another story. In the *Thousand and One Nights*, the story of Scheherazade and king Shahryar constitutes one of *these* devices.

ANSWER: **frame** story [or **frame** narrative or **frame** tale; prompt on descriptions like story-within-a-story]

[10] David Hawkes's classic translation of *Dream of the Red Chamber* was made for *this* British publisher, who pioneered paperback publishing with their orange-and-black "Classics" series.

ANSWER: **Penguin** Books <JR>