

Berus-Lie Academic Spring Tournament (BLAST)

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Packet 15b Extras: and the Boys

Tossups

1. *Description acceptable.* **The outbreak of the Livonian War induced proposals for the creation of one of these things, which came to fruition at the behest of Sigismund II Augustus. Margaret I of Denmark organized the formation of one of these things to counter the influence of the Hanseatic League. The Compromise of 1867 formed one of these things, the *Ausgleich* [“oss-glyk”]. The remnants of one of these things named for the city of (*) Kalmar were dissolved when Sweden and Norway became independent of each other in 1905. For 10 points, name these polities which saw the joining of two separate countries into one, such as with the formation of Austria-Hungary.**
ANSWER: political unions [accept personal unions, real unions; accept Union of Lublin, Polish-Lithuania Commonwealth, Kalmar Union, Austro-Hungarian Union; accept dual monarchy before mentioned; accept descriptions relating to two countries joining together] <CS, European History>

2. **Ana Betancourt called for a feminist movement in this country following a defeat in one war. The 10th of October Manifesto was created by Carlos Manuel de Cespedes during this country’s war for independence. Accounts of atrocities committed by Valeriano Weyler in this country prompted another country to intervene here. Frederick (*) Remington was asked to “furnish the pictures” about this country by William Randolph Hearst, which was where the Rough Riders fought the Battle of San Juan Hill. One of this country’s most patriotic songs, “Guantanamera,” was written by Jose Marti. For 10 points, name this country where the *USS Maine* blew up in Havana Harbor.**
ANSWER: Cuba <HP, World History>

3. **The fact that one type of this quantity is proportional to vibrational frequency is used in the derivation of the Eyring equation, which gives an expression for this quantity. The Michaelis constant is the ratio of the sum of two of these values to another one of these values, and an equation that gives this value can be derived using collision theory. This value is equal to the natural (*) log of 2 divided by reactant half-life for a first order reaction. This quantity is given by the Arrhenius equation, which states that decreasing the activation energy of a reaction increases this quantity. For 10 points, name this quantity symbolized k, which is multiplied by reactant concentrations to determine the rate of a reaction.**
ANSWER: rate constant <CT, Chemistry>

4. One process that affects this substance is fractional crystallization of a parent melt, which is termed its “differentiation.” A form of this substance hypothesized to formerly exist as an ocean on the moon would be rich in KREEP [**“creep”**]. Concordant and discordant intrusions of this substance form sills and dikes, while the high pressure of this substance can cause (*) laccoliths to form. The viscosity of this substance is determined by its silica content. Flows of this substance can be pahoehoe [**“pa-HOY-HOY”**] or ‘a‘ā [**“ah-ah”**]. Igneous rocks are formed from this substance. For 10 points, name this molten rock that can be expelled from a volcano.

ANSWER: **magma** [or **lava** or **magma** ocean] <KL, Earth Science>

5. In one poem, this poet wrote that “each is another and no other” about the title “Wind, Water, Stone.” That poem’s translator worked with this author to provide 19 translations of the poem “Deer Park” by Wang Wei and was named Eliot Weinberger. This poet wrote of a “river that goes curving / advances and retreats / goes roundabout...arriving forever” in a poem whose (*) first six and last six lines are identical. This author was inspired by diplomatic trips to India to write *The Monkey Grammarian* and wrote the line “a willow of crystal, a poplar of water” to open a 584-line poem that mimics the Aztec calendar. For 10 points, name this Mexican poet of “Sunstone.”

ANSWER: Octavio **Paz** <DP, Non-Epic Poetry>

6. In a novel whose protagonist has this occupation, a woman traces out the letter "G" in the air to explain the death of Floyd Thursby. A woman who has a seizure after a man in this profession hands her a gun that turns out to be loaded with blanks, named Carmen, is institutionalized for killing Rusty Regan in a novel whose protagonist has this occupation. A man with this profession named (*) Miles Archer is killed in a novel in which his partner is hired by Joel Cairo to find an object that turns out to be a forgery created by Kemidov. In the novel *The Big Sleep*, Phillip Marlowe has this profession. For 10 points, the protagonist of Dashiell Hammett’s novel *The Maltese Falcon*, Sam Spade, has what profession typical of protagonists in hard-boiled mysteries?

ANSWER: **detectives** [accept equivalents, like private **investigators** or **PIs**] <VS, Other Literature>

7. General answer required. Elgar quoted a work with this type of location in its title for the 13th variation of his *Enigma Variations*. Janet Baker and Sir John Barbirolli made a renowned recording of a song cycle by Elgar depicting this type of location; that work is named [this location] *Pictures*. Four interludes from *Peter Grimes* are collectively named after this type of place. Two poems by Goethe inspired a concert overture by Mendelssohn whose name pairs this location with (*) “prosperous voyage.” A work depicting this type of location by Debussy is labeled “three symphonic sketches” and includes the movement “Play of the Waves”; the cover of that work’s score included a print of Hokusai’s *Great Wave off Kanagawa*. For 10 points, name this type of location depicted in *La mer*.

ANSWER: the **sea** [accept calm **sea**; accept **Sea Pictures** or **Sea Interludes**; accept *la mer* until mentioned; accept the **ocean**] <ML, Auditory Fine Arts>

8. Along with Marcel-Paul Schützenberger, this man co-names an enumeration theorem, a representation theorem, and a containment hierarchy. Interactions between complements, heads, specifiers, and adjuncts are represented in this man’s X-bar theory. This man’s critique of B.F. Skinner’s *Verbal Behavior* outlined his concept of the (*) “poverty of the stimulus” argument against Behaviorist models of language acquisition in children. This man discussed the concept of transformational generative grammars in his book *Syntactic Structures*. For 10 points, name this man who penned the grammatically correct, yet nonsensical phrase “colorless green ideas sleep furiously,” an MIT linguist.

ANSWER: Noam **Chomsky** <ARB, Social Science>

9. One thinker with this last name wrote the work *Summa Grammatica*, which introduced the idea of universal grammar. That man wrote a more expansive work, including the first recorded formula for gunpowder, known as *Opus Majus* and was given the title *Doctor Miraballus*. Another thinker with this last name wrote a work including characters like *Joabin the Jew* and the governor of the House of Strangers on the island of (*) Bensalem. That man also discussed “Idols” of the tribe, cave, market, and theater in another work. This is the last name of a philosopher who wrote *The New Atlantis* and laid out the predecessor to a process involving a hypothesis and experimentation in *Novum Organum*. For 10 points, give this shared last name of Roger and the father of the scientific method, Francis.

ANSWER: **Bacon** [accept Francis **Bacon** or Roger **Bacon**] <AN, Philosophy>

10. The plentiful depictions of native goddesses on an island off the coast of this region led Spanish explorers to name it “Isla Mujeres”. The production of henequen fibers once made this region’s city of Merida one of the wealthiest in the world. An ancient city in this region once performed human sacrifice to the god Chaac at its Sacred Cenote. Oil fields off the west coast of this region in the Bay of (*) Campeche were formed from material left behind after the explosion that created this region’s Chicxulub [“CHICK-shu-lub”] Crater. Tourists often go to this region’s city of Playa del Carmen to go snorkeling. For 10 points, name this peninsula in southeastern Mexico which contains the Mayan city of Chichen Itza.

ANSWER: **Yucatán** Peninsula [anti-prompt on Quintana Roo, Campeche, or Petén Department by asking “what larger landmass is it on?”] <CS, Geography>

EXTRA: This author wrote a novella about a boy named Grover, who dies of typhus during a visit to the St. Louis World’s Fair, titled *The Lost Boy*. Esther Jack and George Webber start a relationship in this author’s novel *The Web and the Rock*, whose characters also appear in *You Can’t Go Home Again*. In a novel by this author, a character decides to be a stonecutter after seeing the title figure in a Baltimore shop. That character lives in (*) Altamont, Catawba, a fictionalized version of this author’s home city of Asheville, North Carolina, and his son is this author’s alter-ego, Eugene Gant. For 10 points, name this author of *Of Time and the River* and *Look Homeward, Angel*.

ANSWER: Thomas **Wolfe** [do not accept “Tom Wolfe”] <SW, Long Fiction>

Bonuses

1. Ted Kennedy claimed that this man's America would be one where "women would be forced to get back-alley abortions" and "blacks would sit at segregated counters." For 10 points each:

[10] Name this ultra-conservative Supreme Court justice nominee, whose controversial confirmation hearing led to his name becoming a byword for getting put down through *ad hominem* attacks.

ANSWER: Robert Heron **Bork** [accept "getting **Borked**"]

[10] While serving as solicitor general, Robert Bork assisted the president in firing Special Prosecutor Archibald Cox during this scandal's "Saturday Night Massacre." This scandal ended with the resignation of Nixon.

ANSWER: **Watergate** Scandal

[10] Robert Bork was one of the originators of a "society" of conservative lawyers described by this adjective. A much earlier faction described by this adjective were targeted by pamphlets written by "Brutus" and "Cato."

ANSWER: **federalist** [accept **Federalist** Society] <HP, American History>

2. In ancient Egypt, the vizier was the head official and top advisor in the pharaoh's court. For 10 points each:

[10] Perhaps the most significant early vizier was this man, who served under Djoser. Best known for his architectural work during his life, he was later deified as the god of medicine.

ANSWER: **Imhotep**

[10] Imhotep is best known for his design of one of these *specific* structures for Djoser at Saqqara, which was built by stacking mastabas atop each other.

ANSWER: **step pyramids** [prompt on **pyramids**]

[10] Another influential vizier was Ay, who many historians believe held much of the real power during this man's reign. This "boy pharaoh's" tomb was discovered by Howard Carter in 1922.

ANSWER: **Tutankhamun** [accept **Tutankhaten**] <CS, Ancient History>

3. Kupffer cells in this organ break down red blood cells. For 10 points each:

[10] Name this digestive organ which also produces bile in addition to detoxifying. This organ can be damaged by cirrhosis in the bodies of alcoholics.

ANSWER: **liver**

[10] The buildup of this element can cause Wilson's disease, leading to potential liver cancer or failure. That disease caused by this element causes the appearance of Kayser-Fleischer rings around the eyes.

ANSWER: **copper** [or **Cu**]

[10] This disease can cause cirrhosis of the liver and jaundiced eyes in sufferers. This disease's B type is usually spread by sexual transmission.

ANSWER: **hepatitis** <AN, Biology>

4. You are on a boat. A sailboat, to be precise. For 10 points each:

[10] The most important force on your boat is this one which keeps you afloat. According to Archimedes' principle, the magnitude of this force is equal to the weight of the water the boat displaces.

ANSWER: **buoyancy** [or **buoyant** force]

[10] Counterintuitively, your sailboat can sail into the wind due to this force, generated from attached airflow on your sail. This force is sometimes imprecisely attributed to Bernoulli's principle.

ANSWER: **lift**

[10] If the frequency of water waves matches the natural frequency of your boat's rocking, this phenomenon can increase the amplitude of the rocking, causing the boat to capsize.

ANSWER: **resonance** <SL, Physics>

5. The riddlerman Diggory Venn appears in one of this man's novels. For 10 points each:

[10] Name this author who also wrote about Michael Henchard auctioning off his wife and daughter in another novel.

ANSWER: Thomas **Hardy** [the first novel is *The Return of the Native* and the second is *The Mayor of Casterbridge*]

[10] This Hardy novel, subtitled a “Rural Painting of the Dutch School” focuses on the Mellstock Choir. Dick Dewy woos Fancy Day in this novel.

ANSWER: **Under the Greenwood Tree**

[10] In another Hardy novel, this protagonist is found by her cousin Angel Clare at Stonehenge. This woman's family is told their surname “Durbeyfield” actually signals nobility, since it is associated with the name “D'Urbervilles.”

ANSWER: **Tess** Durbeyfield [or **Tess** of the D'Urbervilles] <AMB, Long Fiction>

6. While watching a boy get whipped during a ritual, one character laments, “Oh, I wish I had [this thing].” For 10 points each:

[10] Name this thing that John refers to as “Christianity without tears.” In that novel, John had earlier rioted against this thing being distributed to “maggots” by throwing it out of a hospital window.

ANSWER: **soma**

[10] John and Mustapha Mond discuss soma's role in creating a happy society in this dystopian novel by Aldous Huxley.

ANSWER: **Brave New World**

[10] In *Brave New World*, Mustapha Mond grimly describes an experiment on this group of people in which they were “perpetually intriguing for high-grade jobs.” This highest caste only wears grey.

ANSWER: **alphas** <DP, Long Fiction>

7. This artist painted Greek, Roman, and Gothic-style buildings all in front of a looming pyramid in his *The Architect's Dream*. For 10 points each:

[10] Name this painter. In his most famous work, which is set “after a thunderstorm,” he hid Hebrew letters in a distant mountain and a depiction of himself painting in the foreground among rocks.

ANSWER: Thomas **Cole** [The work is *The Oxbow*.]

[10] Cole founded this school of painting named for a river in New York. Asher Durand, another member of this school, portrayed Cole and William Cullen Bryant in his *Kindred Spirits*.

ANSWER: **Hudson River** School

[10] This member of the Hudson River School and student of Thomas Cole painted the landscapes *Niagara* and *The Heart of the Andes*, both of which were debuted in single-painting exhibits.

ANSWER: Frederick Edwin **Church** <WZ, Visual Fine Arts>

8. Name some things about the color white in architecture. For 10 points each:

[10] This architect's obsession with the color white can be seen in his recently completed Rothschild Tower located in Tel Aviv. He may be better known for his design of Los Angeles's Getty Center.

ANSWER: Richard **Meier** (“mai-**yer**”)

[10] This architect placed windows of varying sizes at seemingly random locations on the white exterior of his design for the Notre Dame du Haut in Ronchamp, France.

ANSWER: Le **Corbusier** [or Charles-Édouard **Jeanneret**]

[10] Jorn [“**yorn**”] Utzøen utilized white and cream tiles for the shell-shaped exterior of one of these buildings in Sydney. Zaha Hadid created one of these buildings in Guangzhou whose exterior resembles a rock face.

ANSWER: **opera houses** <KM, Other Visual Arts>

9. Answer some things about the Heliopolitan version of the Egyptian creation myth, for 10 points each:

[10] This sky goddess and her husband Geb, gave birth to Osiris, Isis, Set, and Nephthys. She is depicted as a star-covered woman arching her body over the earth, and her fingers and toes touch the four cardinal points.

ANSWER: **Nut**

[10] Nut was the daughter of this air god and his sister Tefnut. This god was tasked by Ra to separate Nut from Geb, thus holding the sky and the earth apart from each other and allowing civilization to exist.

ANSWER: **Shu**

[10] In the Memphite version of the Egyptian creation myth, everything in the world was said to have been envisioned by this patron god of craftsmen and were subsequently given form when he named them.

ANSWER: **Ptah** <SZ, Mythology>

10. This agreement officially became operational beginning in July 2019. For 10 points each:

[10] Name this trade agreement by which many African countries remove economic barriers to foster trade. Sierra Leone and the Sahrawi Arab Democratic Republic were the most recent ratifiers of this agreement.

ANSWER: **African Continental Free Trade Agreement** [Accept **AfCFTA**]

[10] The idea for the AfCFTA was birthed at an African Union summit in this country. This country's capital of Addis Ababa serves as the headquarters for the African Union.

ANSWER: Federal Democratic Republic of **Ethiopia**

[10] This most populous African country was hesitant about signing the agreement due to its desire to protect local industries. This country's president is Muhammadu Buhari, who succeeded Goodluck Jonathan.

ANSWER: Federal Republic of **Nigeria** <GP, Current Events>

EXTRA: A poem by this author says to "let all who prate of Beauty hold their peace." For 10 points each:

[10] Name this poet whose works include "Euclid alone has looked on Beauty bare" and "First Fig."

ANSWER: Edna St. Vincent **Millay**

[10] The narrator of this Millay poem states that "a thousand screams the heavens smote; / And every scream tore through my throat." This poem opens "all I could see from where I stood / Was three long mountains and a wood."

ANSWER: "**Renascence**"

[10] In "First Fig," Millay writes that one of these objects has a wick that "burns at both ends" and "will not last the night" though it "gives a lovely light."

ANSWER: **candle** <KL, Non-Epic Poetry>