

## Berus-Lie Academic Spring Tournament (BLAST)

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### Packet 5: Well, we're not from Delaware

#### Tossups

1. **One character in this play tells another about how policemen lay prisoners on a bench and pull down their trousers before spanking them. In this play, one character notes how Leo Tolstoy “was also no good at school” while searching for a potential “man of magnitude.” A character in this play describes how “...rich man bumps into poor man” as an example of a “collision,” which helps another character write an (\*) essay.** That character laments that his one-legged father is coming back home from the hospital. One character in this play reminisces about flying a kite with a black man he later spits on. This play opens with Sam and Willie practicing ballroom dancing. For 10 points, name this Athol Fugard play about young Hally and his South African servants.

ANSWER: Master Harold...and the Boys <DP, Drama> {Literature, Drama}

2. **After the bombing of Düsseldorf, André Breton created a cut-out of this painting that includes an island rock fortress. A shepherd who gazes up at the sky herds two black sheep among a group of white sheep near the center of this painting. The sun sets on the horizon to the right of a town consisting of red-roofed buildings in the background of this painting. Like an earlier painting by the same artist, this painting demonstrates a (\*) Netherlandish proverb in a farmer continuing to plough. A fisherman in this painting does not notice a hand and a pair of legs splashing nearby.** For 10 points, name this painting attributed to Pieter Bruegel the Elder, based on Ovid’s account of the title mythological character plunging into the sea.

ANSWER: Landscape with the Fall of Icarus <WZ, Visual Fine Arts> {Fine Arts, Visual Fine Arts}

3. **In these devices, the fraction of input material that is consumed is known as burnup. The xenon pit in these devices occurs when there is a buildup of xenon, causing these devices’ namesake “poisoning.” Some experimental designs of these devices, such as LFTR [“L-F-T-R”], use molten salts as a coolant. The most common design of these devices uses light water rather than graphite or (\*) heavy water as a moderator.** The output of these devices is managed using control rods. Neutrons are produced in chain reactions in these devices, which typically use fuel rods of plutonium-239 or uranium-235. For 10 points, name these fission-powered devices which can meltdown, such as at Chernobyl.

ANSWER: nuclear reactors [accept fission reactors; prompt on reactors; do not accept “fusion reactors”] <SL, Physics> {Science, Physics}

4. **In a ritual, a leader of these people legendarily kissed the feet of Charles the Simple. A female pirate amongst these people named Lagertha had her life recorded by Saxo Grammaticus. Abbo Cernuus [“sir-noose”] wrote an eyewitness account of a failed siege these people led against Paris. Namesake “gospels” were destroyed during these people’s raid on (\*) Lindisfarne Abbey.** Rollo, a leader of these people, became the first Duke of Normandy. People were forced to pay the *danegeld* tax in order to prevent being attacked by these people. For 10 points, name these European raiders of the Middle Ages who came from Scandinavia.

ANSWER: vikings [anti-prompt on Normans by asking “Who were they originally?”] <HP, European History> {History, European/British History}

5. **One of these objects created by Chronos and Ananke is often depicted with a serpent wound around it. In the Kalevala, one of these shattered on the knee of Ilmatar, the pieces of which she used to create the earth. In Russian folklore, Koschei hides his soul in a needle, which itself is in one of these objects. In Chinese mythology, the upper half of one of these objects became the (\*) sky and the lower half became the earth after being broken in half by the giant Pangu. Leda gave birth to two of these objects after being raped by Zeus in the form of a swan. For 10 points, name these “golden” objects that are laid by a stolen hen in the story of Jack and the beanstalk.**

ANSWER: **eggs** [accept golden **eggs**] <SW, Mythology> {Beliefs, Mythology}

6. **A character in this novel remarks that she would’ve “signed [her] name in the Black Man’s book” with her own blood if it were not for her daughter when tempted by a witch-lady. A girl in this novel who is described as an “elfish spirit” refuses to come when her mother beckons her while she is playing beside a brook. This novel notes that the first two buildings its characters built were a cemetery and a prison whose entrance has a (\*) wild rosebush. The main character of this novel compares an object to a “red-hot iron” while talking to Roger Chillingworth. For 10 points, Pearl is the daughter of Arthur Dimmesdale and Hester Prynne in what Nathaniel Hawthorne novel?**

ANSWER: *The **Scarlet Letter*** <KL, Long Fiction> {Literature, Long Fiction}

7. **In this city, a Buddhist monk created exhibitions of ten major world faiths in the Museum of World Religions. It’s not Delhi, but 29 districts make up a namesake “New” municipality that surrounds this city, which connects it to the port city of Keelung. To protect against typhoons, a building in this city’s Xinyi [“shin-YEE”] District contains the world’s largest tuned mass (\*) damper. This city contains memorial halls to both Sun Yat-sen and Chiang Kai-shek. This city is named for its location in the north of an island that is sometimes called Formosa. The tallest building in this city is named for the fact that it has 101 floors. For 10 points, name this capital of Taiwan.**

ANSWER: **Taipei** [or **Taipei**; accept New **Taipei** or **Taipei** 101] <WZ, Geography> {Other, Geography}

8. **These cells’ membranes develop unusual spiny projections in echinocytosis and acanthocytosis. During inflammation, these cells aggregate together and form stacks known as rouleaux [“roo-LOH”]. The presence of DNA deposits in these cells known as Howell-Jolly bodies indicates a malfunctioning organ. A protein abundant in these cells undergoes the (\*) Bohr shift under increasingly acidic conditions. The beta-chain of that protein may also undergo a mutation in which a glutamic acid residue is replaced by valine, causing these cells to take on an abnormal sickle shape. For 10 points, name these biconcave, hemoglobin-containing cells which transport oxygen throughout the body.**

ANSWER: **red blood cells** [or **erythrocytes**, accept **RBCs** or **red cells**; prompt on **blood cells**] <ARB, Biology> {Science, Biology}

9. **In this religious tradition, experience is explained using various conceptual groupings of mental and physical groupings, examples of which include the twelve sense spheres and eighteen elements of cognition. In contrast to other sects, this sect believes in subitism, the notion that insight is attained all at once. The Vinaya, Sutta, and Abhidhamma “baskets” make up this sect’s (\*) Tripitaka, a set of scriptures preserved in its own sacred language, hence giving it its more common name, the Pali Canon. For 10 points, name this more traditional “School of the Elders”, the dominant sect of Buddhism in Southeast Asia contrasted with Mahayana.**

ANSWER: **Theravada** Buddhism [prompt on **Buddhism** before mention] <SZ, Religion> {Beliefs, Religion}

10. In this modern-day country, the development of the cities of Americana and Santa Bárbara d'Oeste ["day-oh-EST-ay"] was accelerated by "Confederados" immigrating after the American Civil War. Inspired by the Haitian Revolution, Muslims in this country rose up in the Malê ["MAH-lay"] Revolt. This country's maroons founded independent settlements called *quilombos* ["key-LOHM-boes"]. The Law of the (\*) Free Womb was passed in this country to gradually eliminate slavery, which would eventually be accomplished by the Golden Law. For 10 points, name this country which during the 19th century was governed by Pedro II from Rio de Janeiro.

ANSWER: Empire of **Brazil** [accept Federative Republic of **Brazil**] <CS, World History> {History, World/Commonwealth History}

11. It's not the real numbers, but a complete, consistent, and decidable set of axioms for this specific system was created by Alfred Tarski. A related "affine" construct can be created by neglecting metrics in this system while retaining Playfair's axiom. An alternative to this system was independently developed by János Bolyai ["YAH-nohsh BOY-eye"] and Nikolai Lobachevsky and is referred to as (\*) hyperbolic. This system was originally constructed with five "common notions" and five postulates, the last of which is the parallel postulate. For 10 points, name this geometric system devised by and named after the Greek author of *Elements*.

ANSWER: **Euclidean geometry** [prompt on plane geometry; accept **Euclidean** after "geometric"] <SL, Math> {Science, Mathematics}

12. Players of one style of this instrument can use rest or free methods to play it and use the *p-i-m-a* notation. Nokia's infamous ringtone is based on a piece written for this instrument named *Gran vals*. Five preludes for this instrument were written by Heitor Villa-Lobos ["AY-tor veela-LOW-bosh"]. A notable player and composer for this instrument was Francisco Tarrega. The second movement of a (\*) Joaquin Rodrigo piece for this instrument was covered in Miles Davis's *Sketches of Spain*. That work, *Concierto de Aranjuez*, uses the rasgueado ["rahs-gay-AH-doh"] technique in which fingers are used to strum the strings instead of the more common plectra. For 10 points, name this six-stringed instrument whose classical variety is common in flamenco music.

ANSWER: **guitar** <AN, Auditory Fine Arts> {Fine Arts, Auditory Fine Arts}

13. This leader propagated the nationalist Sun Language theory. It's not the United States, but John Dewey helped reform the education system in this man's country, and this man also instituted the Family Surname Law. This founder of the Republican People's Party replaced his country's script with the Latin alphabet and implemented (\*) secularism as part of the "Six Arrows" ideology. This leader fought with distinction at the Battle of Gallipoli and abolished the Ottoman Sultanate in 1924 after winning the war for his country's independence. For 10 points, name this founder of the Turkish republic and "father of the Turks."

ANSWER: Mustafa Kemal **Ataturk** [accept Mustafa **Kemal**] <GP, World History> {History, World/Commonwealth History}

14. The chief consultant of this event, Carlo Prescott, called it a "theatrical exercise" that absolved "abominable moral choices" and criticized Maverick Entertainment in an essay entitled "the lie of" this event. Jordan Hall was the location of this event, in which one member told others, "you can't leave. You can't quit." That member, Doug Korpi, was also known as 8612. This event was described in (\*) *The Lucifer Effect*. Christina Maslach stopped this study after six days. Some members of this study were given khaki clothes, mirrored sunglasses, and wooden batons. For 10 points, name this experiment conducted by Philip Zimbardo that assigned guard and inmate status to participants at a California university.

ANSWER: **Stanford Prison Experiment** [or **SPE**] <KL, Social Science> {Thought, Social Science}

15. **An author with this last name wrote a novel in which Tony Loneman hides bullets ahead of the Big Oakland Powwow robbery in his novel *There There*. Humanity is analogized to these objects being crushed by a government "imposing laws and conditions appropriate to a mechanical creation" in a manuscript ripped up by the main characters of one novel. One of these fruits appears in the title of a novel in which the protagonist fights with (\*) Dim over classical music after breaking into F. Alexander's house. The protagonist of that novel titled for this fruit spends time with his "droogs" at the Korova Milk Bar before the Ludovico Technique destroys his violent tendencies. For 10 points, an Anthony Burgess novel about the ultraviolent Alex is titled for what fruit?**

ANSWER: an **orange** [accept Tommy **Orange**; accept *A Clockwork Orange*; don't prompt on or accept "clocks" or "clockwork"] <DP, Short Fiction/Other> {Literature, Short Fiction/Other}

16. **The Bolnisi is one of these figures with concave curved edges, a variant of ones referred to as pattée. A simple version of these figures is formed from a merged fess and pale. A bend and bend sinister form a rotated one of these figures known as a saltire. That figure is also named after St. (\*) Andrew. A star with a crown and a red hand is present at the center of one of these figures in the Ulster Banner. These figures with their centers offset towards the hoist are common to the flags of the Nordic countries, and a white one on a blue background is present on the Scottish flag. For 10 points, name these figures, a red one of which is present against a white field on the English flag.**

ANSWER: **cross** [accept descriptions; prompt on flag, coat of arms, or similar answers with "what part of the design?"] <SL, Other Academic> {Other, Miscellaneous/Other Academic}

17. **In this musical, a soldier shouts "they're gone!" after a group doesn't appear to take their first place prize in a singing contest. A character in this musical uses the drapes in her room to make play-clothes. Elsa and Max sing "No Way to Stop It" in an attempt to convince a character in this musical to compromise during a war. This musical ends with a group of nuns reprising "Climb Ev'ry Mountain" as a family (\*) escapes to Switzerland. A character in this musical is told that she is "unprepared" to "face a world of men" in the song "Sixteen Going on Seventeen." The protagonist of this musical returns from the abbey while a group of children sing "My Favorite Things." For 10 points, name this musical about Maria and the von Trapp family, by Rodgers and Hammerstein.**

ANSWER: *The **Sound of Music*** <ML, Other Auditory Arts> {Fine Arts, Other Fine Arts}

18. **This man unsuccessfully attempted to place his war buddy Stanley Matthews on the Supreme Court, although his successor would later succeed in doing so. The Battle of the Viaduct took place during this man's presidency as part of a larger strike organized by the Workingmen's Party, the Great Railroad Strike. This man banned (\*) alcohol from the White House due to the influence of his wife, nicknamed "Lemonade Lucy." Congress overruled this president's veto of the Bland-Allison Act, and he was referred to as "His Fraudulency" after winning a controversial election against Samuel Tilden. For 10 points, name this president who presided over the end of Reconstruction.**

ANSWER: Rutherford Birchard **Hayes** <MS, American History> {History, American History}

19. This author opened one poem by noting “In summertime ... The bells, they sound so clear,” but ironically ends it by asking “Oh, noisy bells, be dumb.” An elderly speaker reflects on how “fifty springs are little room” while observing how the title object “stands above the woodland ride/wearing white for eastertide” in another of his poems. The speaker bemoans "tis our turn now / To hear such tunes as killed the cow" in a poem by this author that asserts (\*) “Malt does more than Milton can / to justify God’s ways to man” and claims the title character's poetry "gives a chap the belly-ache." For 10 points, name this author who included "Bredon Hill" and "Terence, this is Stupid Stuff" in his collection *A Shropshire Lad*.

ANSWER: A. E. **Housman** [The unnamed second poem is “Loveliest of trees, the cherry now.”] <SW, Non-Epic poetry> {Literature, Non-Epic Poetry}

20. Volume times the change in this quantity is added to a term containing entropy to find changes in chemical potential in the Gibbs-Duhem equation. One type of this quantity is equal to the van’t Hoff factor times the concentration of a solute times RT. The fugacity [“few-GAS-ity”] coefficient is equal to fugacity divided by this quantity, and the (\*)  $a$  term in the van der Waals equation modifies this quantity. A U-shaped apparatus used to measure this value is called a manometer. Dalton’s law states that this quantity is equal to the sum of its “partial” components, and it is inversely proportional to volume according to Boyle’s law. For 10 points, name this quantity measured in pascals.

ANSWER: **pressure** [accept partial **pressure** or osmotic **pressure**] <DB, Chemistry> {Science, Chemistry}

## Bonuses

1. Individual instructions are represented by opcode mnemonics in these programming languages. For 10 points each:

[10] Name this class of low-level languages, which have a level of abstraction intermediate between high-level languages and machine code.

ANSWER: **assembly** language [accept **assembler** language; accept **asm**]

[10] Assembly languages often store data in these memory structures, such as accumulators and counters. A 32-bit example of these structures is abbreviated EAX in the x86 [**“ex-eighty-six”**] architecture.

ANSWER: **registers**

[10] After assembly code is translated into machine code by an assembler, it can be run on this computer component that carries out instructions and computation for a computer.

ANSWER: **CPU** [accept **central processing unit**] <SL, Computer Science> {Science, Other Science}

2. For 10 points each, answer some questions about the “Iron Lady” of the Caribbean, Eugenia Charles:

[10] Charles’ predecessor, Patrick John, passed a law targeted against members of this religion, causing them to protest his government by walking naked around sidewalks. For his work promoting the UNIA [**“U-N-I-A”**], Marcus Garvey is hailed as a prophet in this religion.

ANSWER: **Rastafarianism**

[10] Inspired by the invasion of this island in Operation Urgent Fury, Mike Perdue planned to overthrow Eugenia Charles in Operation Red Dog. Ronald Reagan ordered an invasion of this island to overthrow Maurice Bishop.

ANSWER: **Grenada**

[10] The failure of Operation Red Dog was panned by U.S. newspapers in headlines referencing this earlier incident. The CIA trained Cuban guerrillas to overthrow Fidel Castro in this failed 1961 coup attempt.

ANSWER: **Bay of Pigs** Invasion <HP, World History> {History, World/Commonwealth History}

3. This man’s daughter Chava leaves her husband to join her family in exile in the story “Get Thee Gone.” For 10 points each:

[10] Name this protagonist of a series of stories by Sholem Aleichem. In Aleichem’s stories this man lives in the town of Boyberik, which was changed into Anatevka for a musical adaptation.

ANSWER: **Tevye** the dairyman [or **Tevye** the milkman; the musical is *Fiddler on the Roof*, but do not accept or prompt on that answer]

[10] Aleichem wrote his stories in this historical Jewish language, which is somewhat of a combination between German and Hebrew.

ANSWER: **Yiddish**

[10] Another author who wrote in Yiddish was this Nobel laureate who wrote novels like *The Magician of Lublin* and *The Family Moskat* as well as the story “Gimpel the Fool.”

ANSWER: Isaac Bashevis **Singer** <AMB, Long Fiction> {Literature, Long Fiction}

4. Note to moderator: read the answerline to the third part before beginning

Answer some questions about interesting linguistic features of the Hungarian language for 10 points each:

[10] Hungarian creates new words through this process that glues together morphemes. Unlike in fusion, this process does not change the morphemes in the new word.

ANSWER: **agglutination** [accept word forms like **agglutinative**]

[10] Prefixes to this part of speech in Hungarian are known as “co”-[this part of speech]. Transitive words of this part of speech in Hungarian are conjugated based on whether they are applied to definite or indefinite objects.

ANSWER: **verbs** [accept **coverb**]

[10] Hungarian has four different versions of the second person based on this general concept. The T-V distinction, named for the Latin words *tu* and *vos*, is based on the degree of this concept the speaker feels towards the recipient. A description is fine.

ANSWER: **politeness** [accept equivalents like social **distance**, **courtesy**, **respect**, **familiarity**, **age difference**, **honorific**, **formality**, **informality**, or anything else to the same effect]

<AMB, Social Science> {Thought, Social Science}

5. This style is exemplified by the movie *For Those Who Will Follow*, in which the inhabitants of a small island are encouraged to hunt for beluga whales. For 10 points each:

[10] Name this French cinema style also exemplified by *Chronicle of a Summer* in which Jean Rouch and Edgar Morin [“**moor-AHN**”] discuss whether it is possible to be sincere in front of a camera.

ANSWER: cinéma **vérité** [“**sin-uh-MUH vehr-IH-tay**”] [or **observational** cinema; or **truthful** cinema; prompt on answers involving **documentary** filmmaking]

[10] Cinéma vérité [“**sin-uh-MUH vehr-IH-tay**”] was inspired by Dziga Vertov’s *Man with a Movie Camera*. Sergei Eisenstein, a director from this country, emphasized the importance of montages in film.

ANSWER: **Russia** [accept the **U.S.S.R.**, the **Union of Soviet Socialist Republics**, or the **Soviet Union**]

[10] Another cinéma vérité is a Kaneto Shindo film about children who suffered in this event. In an Alain Resnais [“**a-LAIN res-NAY**”] film titled for this event *mon amour*, a French actress and a Japanese architect discuss this event.

ANSWER: nuclear bombing of **Hiroshima** [prompt on answers that mention **nuclear bombs** but do not mention Hiroshima; do not accept or prompt on answers containing “Nagasaki”] <AMB, Other Visual Arts> {Fine Arts, Other Fine Arts}

6. During this conflict, John Ball gave a sermon including the rhetorical question “When Adam delved and Eve span, who then was the gentleman?”. For 10 points each:

[10] Name this uprising, which is often named for a man who led a protest against a poll tax that helped spark it. During this uprising, the rebels destroyed the Savoy Palace.

ANSWER: 1381 **Peasants’ Revolt** [accept **Wat Tyler’s** Rebellion]

[10] Wat Tyler’s Rebellion took place in the context of this epidemic, which had wiped out much of the population of England and Europe. Edward III passed the Statute of Laborers to fix wages during this epidemic.

ANSWER: **Black Plague** [accept **Black Death** or **Bubonic Plague**; prompt on *Yersinia pestis*]

[10] Richard II was a member of this royal house, which was descended from Geoffrey of Anjou. This royal house included the Yorks and Lancasters, and its last ruler was King Richard III.

ANSWER: House of **Plantagenet** [prompt on **Angevin**] <AN, European History> {History, European/British History}

7. Blas Cabrera attempted to find particles that violated this law in his Stanford basement. For 10 points each:

[10] Name this law, which sets the divergence of the magnetic field equal to zero.

ANSWER: **Gauss's** Law for magnetism

[10] Gauss's Law for magnetism implies that these theoretical particles cannot exist. These particles have "magnetic charge," since their field lines leave but never return.

ANSWER: magnetic **monopoles**

[10] By Helmholtz's decomposition theorem, Gauss' law can be restated to say that this quantity must exist in the presence of a magnetic field. The curl of this quantity equals the magnetic field.

ANSWER: magnetic **vector potential** [prompt on A; prompt on partial answers] <HP, Physics> {Science, Physics}

8. The Devil is in the details... of the works of many composers. For 10 points each:

[10] This gifted violinist and composer was said to have made a deal with the Devil for his gifted playing ability.

This composer wrote 24 caprices for violin, the last of which has been subject to variations by other composers.

ANSWER: Niccolo **Paganini**

[10] This other Italian composer was inspired by a dream to write his "Devil's Trill" sonata.

ANSWER: Giuseppe **Tartini**

[10] This set of four waltzes for piano depicts the Devil from a certain work of literature. Its composer, Franz Liszt, used fifths to represent the tuning of a violin in the first of these pieces, named "The Dance in the Village Inn."

ANSWER: **Mephisto** Waltzes <AN, Auditory Fine Arts> {Fine Arts, Auditory Fine Arts}

9. This character exclaims "Nobody can tell what I suffer!" after a marriage proposal is rejected. For 10 points each:

[10] Name or describe this character who is delighted that a "single man of large fortune, four or five thousand a year" is arriving at the beginning of a novel.

ANSWER: **Mrs. Bennet** [prompt on Bennet; accept answers like "the **Bennets' mother**" or "**Elizabeth's mother**" or "**Jane's mother**"]

[10] This character is the "man of five thousand a year" Mrs. Bennet is excited to meet in *Pride and Prejudice*. This friend of Mr. Darcy ends up marrying Jane Bennet.

ANSWER: Mr. **Bingley**

[10] This author wrote *Pride and Prejudice*. She wrote more about complicated marriage situations in her novel *Emma*.

ANSWER: Jane **Austen** <AMB, Long Fiction> {Literature, Long Fiction}

10. Protests in this territory beginning in June 2019 echoed its 2014 "Umbrella Movement" and saw the suicide of a man who jumped off a shopping center. For 10 points each:

[10] Name this special territory of China, where protesters have been demanding the resignation of Chief Executive Carrie Lam.

ANSWER: **Hong Kong** [or **Xianggang**]

[10] Protesters were unsatisfied with Lam's suspension of a bill that would allow this practice of delivering an accused or convicted criminal from Hong Kong to Mainland China, instead calling for a full repeal.

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

[10] Blitzchung, a player of this game, was suspended for wearing a gas mask and shouting a pro-Hong Kong slogan in an interview. Players from American University held up a sign saying "Free Hong Kong" and "Boycott" this game's maker in this game's collegiate tournament.

ANSWER: **Hearthstone** [The sign read "Boycott Blizzard" for Blizzard Entertainment.] <WZ, Current Events>

{Other, Current Events}



11. This author repeated, "One day I'll become what I want" in his poem "Mural." For 10 points each:

[10] Name this Palestinian poet who repeatedly asks, "Will you be angry?" in his poem "Identity Card," which commands the reader to "Write down! I am an Arab!"

ANSWER: Mahmoud **Darwish**

[10] Darwish's poems such as "Mural" deal with exile. Darwish often compares the situation in Palestine to that of Adam and Eve's exile from this place, which is described in *Paradise Lost*.

ANSWER: Garden of **Eden**

[10] Darwish wrote how, in this city, he "[walks] from one epoch to another without a memory / to guide me." This city titles a William Blake poem that asks "and did those feet in ancient times" and describes "dark Satanic Mills."

ANSWER: **Jerusalem** [accept "**In Jerusalem**" or *Jerusalem Delivered*]

<DP, Non-Epic Poetry> {Literature, Non-Epic Poetry}

12. For 10 points each, answer the following about people in US history nicknamed "Big Bill:"

[10] Besides being the first owner of the NFL's Brooklyn Dodgers, "Big Bill" Dwyer was a bootlegger who led an alcohol smuggling ring during this period begun by the 18th Amendment.

ANSWER: **Prohibition**

[10] A founder of the IWW, "Big Bill" Haywood, fled to Russia after being found guilty under this law. This law allows the government to curtail speech it deems "disloyal," and it was later extended by the Sedition Act of 1918.

ANSWER: **Espionage Act** of 1917

[10] "Big Bill" Thompson was the most recent Republican to serve as mayor of this city. Thompson was mayor during 1919 race riots in this city, which were started after a black teenager accidentally swam into a segregated beach.

ANSWER: **Chicago** <WZ, American History> {History, American History}

13. Paintings like *Death and Fire* may have represented the pain this artist suffered from scleroderma. For 10 points each:

[10] Name this artist who depicted a crudely drawn angel in *Angelus Novus* and a group of birds connected to a hand crank in *Twittering Machine*.

ANSWER: Paul **Klee**

[10] In 1911, Paul Klee ["clay"] joined the editorial team for the almanac *The Blue Rider*, named after a painting by this Russian-born artist. This artist also wrote *Point and Line to Plane*.

ANSWER: Wassily **Kandinsky**

[10] The Blue Rider movement, along with *Die Brucke*, comprised the German offshoot of this artistic movement characterized by dramatic emotions.

ANSWER: **expressionism** <AMB, Visual Fine Arts> {Fine Arts, Visual Fine Arts}

14. One compound containing this element is used to oxidize primary alcohols to carboxylic acids. For 10 points each:

[10] Name this metal whose trioxide is known as the Jones reagent. It has atomic number 24 and is symbolized Cr.

ANSWER: **chromium**

[10] A reaction named for Takai reacts an aldehyde with an organochromium compound to produce these types of molecules. Grubbs catalysts are used in the metathesis of these compounds.

ANSWER: **olefins** [accept **alkenes**]

[10] The double bonds created by the Takai olefination are denoted by this letter. Bonds denoted by this letter have higher priority groups on *opposite* sides of the bond.

ANSWER: **E** <DB, Chemistry> {Science, Chemistry}

15. This territory includes the Tuamotu Archipelago. For 10 points each:

[10] Name this territory with capital Papeete. This territory includes various archipelagos like the Marquesas and Gambier Islands, as well as the tourist destinations of Bora Bora.

ANSWER: **French Polynesia** [Accept **Polynésie française** and **Pōrīnetia Farāni**]

[10] French Polynesia is not the only French territory in the Pacific. This French special collectivity with capital Nouméa contains 25% of the world's nickel supply and had a failed independence referendum in 2018.

ANSWER: **New Caledonia** [Accept **Nouvelle-Calédonie**]

[10] Papeete, the capital of French Polynesia, is located on this island, which contains the only museum in the world dedicated to pearls. Captain Cook witnessed the transit of Venus on this island.

ANSWER: **Tahiti** [or **Otaheite**] <GP, Geography> {Other, Geography}

16. In an instance of doubling, main actors also play characters of this type named for continents like Europa and Africanii. For 10 points each:

[10] Name this kind of character. Another one from the same play repeats the word "I" when she speaks and breaks through a bedroom ceiling to declare "The Great Work has begun."

ANSWER: **angels** [accept **Angels in America**; prompt on **Continental Principalities**]

[10] *Angels in America: A Gay Fantasia on National Themes* is by this American playwright and AIDS activist.

ANSWER: Tony **Kushner**

[10] Part 2 of *Angels in America* is titled *Perestroika* after a policy from this country and opens with a speech from Aleksii Antedilluvianovich Prelapsarianov ["**just say whatever**"], the "oldest living Bolshevik" from this country. Kushner also set the play *Slavs!* In this country.

ANSWER: the **U.S.S.R.** [or the **Union of Soviet Socialist Republics**; or the **Soviet Union**; prompt on **Russia**] <AMB, drama> {Literature, Drama}

17. These people are first outlined in a work that asks, "is there a teleological suspension of the ethical?" For 10 points each:

[10] Name these people. Two kinds of these people "of faith" and "of infinite resignation" are contrasted with "slaves of paltriness" using the example of a young swain in love with an unobtainable princess.

ANSWER: **knights** [accept **knight** of faith or **knight** of infinite resignation]

[10] The knights of faith and of infinite resignation were created by this thinker, who used one of his many pseudonyms of Johannes de Silentio in his *Fear and Trembling*.

ANSWER: Søren **Kierkegaard** ["**key-ER-kuh-guard**"]

[10] In *Fear and Trembling*, Kierkegaard cites the virgin Mary and this other figure as examples knights of faith. Both Mary and this figure "became great through distress and torment and paradox."

ANSWER: **Abraham** <WZ, Philosophy> {Thought, Philosophy}

18. A force of ten thousand soldiers commanded by a man with this name was defeated at the Battle of Cunaxa. For 10 points each:

[10] Give the name of this prince, whose campaign against Artaxerxes II was recorded in Xenophon's *Anabasis*. Another emperor with this name defeated the Medians to found the Achaemenid Empire.

ANSWER: **Cyrus** [accept **Cyrus I**, **Cyrus** the Great, or **Cyrus** the Younger]

[10] This book by Procopius claims that, during Justinian's reign, he killed "ten thousand times ten thousand times ten thousand" people. It also portrays Theodora as a lascivious and evil woman using a story about how she took off all of her clothes in an amphitheater.

ANSWER: **Secret History** [accept **Anecdota**]

[10] A force of ten thousand elite soldiers known as "the Immortals" was commanded by Hydarnes at this battle, which is notable for being a last stand of Spartans under Leonidas. It was concurrent with the Battle of Artemisium.

ANSWER: Battle of **Thermopylae** <HP, Ancient/Other> {History, Ancient/Other History}

19. Joseph Connell observed that the width of the fundamental type of these things was different from the realized type in an experiment using barnacles. For 10 points each:

[10] Name these things that, according to Gause's ["gow-zeh's"] law, do not overlap.

ANSWER: ecological **niches** [or realized **niches**]

[10] Gause's law states that niches don't overlap due to this interaction. This interaction occurs when species contend for the same resources in the same environment.

ANSWER: **competition** [accept word forms like **competitive**]

[10] The paradox of these organisms is the presence of so many species despite occupying the same niche. Unlike nekton, these organisms are unable to overcome ocean currents.

ANSWER: **plankton** [accept specific types; accept paradox of the **plankton**] <KL, Biology> {Science, Biology}

20. During the afternoon service on this holiday, it is a tradition to read the entire book of Jonah. For 10 points each:

[10] Name this Jewish Day of Atonement, the holiest day of the year. Jewish people traditionally observe this holiday with a 25-hour period of fasting and intensive prayer.

ANSWER: **Yom Kippur**

[10] Yom Kippur is the last day in a period of this many days of repentance. Yom Kippur takes place this many days after Rosh Hashanah and therefore falls on this numbered date of the month of Tishrei.

ANSWER: **ten**

[10] This Aramaic declaration is spoken at the beginning of every Yom Kippur evening service. Its name means "all vows," and proactively annuls all personal oaths made to God for the coming year.

ANSWER: **Kol Nidre** [accept **Kol Nidrei**] <SZ, Religion> {Beliefs, Religion}