

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

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Packet 1 Tossups

1. **A song about this event describes a place “where once we watched the small free birds fly” called “The Fields of Athenry.” Lord John Russell took power during this event and pushed for devastating laissez-faire policies during it. A group who switched religions to gain relief from this event were known as (*) the “Soupers.” The worst year of this event was known as “Black 47.” This event led to Robert Peel’s repeal of the Corn Laws, and it led millions to escape by boarding “coffin ships” bound for the U.S. For 10 points, name this event in which the destruction of a staple crop caused starvation in a Gaelic-speaking country.**

ANSWER: Irish **potato famine** [or **Great Hunger**; or **Great Famine**; accept any answers mentioning **Ireland** and **famine**] <SPQR>

2. **A parody of this painting features pop-culture icons like Marilyn Monroe and Elvis Presley sitting in place of its original subjects. The right-hand side of this painting is entirely closed off by large glass windows. The rightmost figure in this painting is a man in white who stoops down with a pained expression. According to the artist’s wife Jo, this painting’s name comes from the (*) beak-like nose of a man in it, who holds a cigarette and sits next to a woman in red. In this painting, an ad for 5-cent Phillies Cigars can be seen above three restaurant patrons who seemingly fail to acknowledge each others’ presence. For 10 points, name this painting of a diner by Edward Hopper.**

ANSWER: **Nighthawks** <AH>

3. **This author lamented land confiscations in his poem “Maledictions” and in a collection that also describes Corydon’s love for Alexis. In that collection, this author predicts that a boy heralded as the “great increase of Jove” will inaugurate a golden age in a supposedly “Messianic” poem. This poet’s *epyllion* about Aristaeus describes (*) bees as a model for human society. This author describes a hero who is driven “to Lavinian shores...by cruel Juno’s remorseless anger” in a poem that begins “I sing of arms and the man.” For 10 points, name this author of the *Eclogues* and the *Georgics*, a Roman poet who describes an exile from Troy in his epic *Aeneid*.**

ANSWER: Publius **Vergilius** Maro <SPQR>

4. **A candidate in this election aired primetime infomercials in which he used a “voodoo stick” to display printed-out charts. During this election, one candidate was advised “don’t forget healthcare” by James Carville. That candidate in this election infamously repudiated inflammatory remarks made by Sister Souljah. This election’s victor used the slogan (*) “It’s the economy, stupid,” and its losing incumbent faced a primary challenge from Pat Buchanan after breaking his promise, “Read my lips: no new taxes!” In this election, 19 percent of the vote went to the independent candidate Ross Perot. For 10 points, name this presidential election in which George H.W. Bush lost to Bill Clinton.**

ANSWER: **1992** U.S. Presidential Election <SPQR>

5. A star's value for *this* quantity, along with its chemical composition, fully determines its structure according to the empirical Vogt–Russell theorem. This quantity is the *non*-constant value in the standard gravitational parameter. After finding an anomalous ratio of *this* quantity to luminosity in the Coma Cluster, Fritz Zwicky posited the existence of (*) dark matter. The TOV and Chandrasekhar limits are upper bounds on this quantity for neutron stars and white dwarves. The gravitational force between two bodies equals “big *G* over *r*-squared”, times this quantity for both bodies. For 10 points, name this quantity that, for the Sun, is around “2 times 10 to the thirtieth” kilograms.

ANSWER: stellar mass <AF>

6. One of these people is enjoined to “wake” and to “rest” in twin poems by Sir Walter Scott. A poem titled for one of these people describes “a dust whom England bore, shaped, made aware” and proclaims that “there’s some corner of a foreign field / that is forever England.” Rupert Brooke wrote a poem titled for one of these people. One of them describes “an ecstasy of (*) fumbling” and “froth-corrupted lungs, obscene as cancer” in a poem titled for an “Old Lie” in Latin taken from Horace. A John McCrae poem says that these men “shall not sleep, though poppies grow.” For 10 points, name these people who narrate Wilfred Owen’s “Dulce et Decorum Est” and the poem “In Flanders Fields.”

ANSWER: soldiers [accept any reasonable equivalents such as infantrymen] <SPQR>

7. A text in this language extolls practical, nonverbal knowledge through anecdotes about a wheelwright and a butcher who cuts in the spaces between the joints. Another text in this language begins with a series of rhetorical questions like “To study and...to practice what one has studied, is this not a pleasure?” A text in this language critiques rationalism with a story in which the speaker wonders if he’s dreaming of a (*) butterfly or vice versa. Five virtues, including “Humaneness and compassion” (or *renyi* [run-YEE]) and “filial piety” are central to the *Analectis*, which were written in—for 10 points—what language used by Zhuangzi [JWAHNG-dzu] and Confucius?

ANSWER: Classical Chinese [or zhongwen or hanyu; accept guwen or wenyan] <JW>

8. Worshippers of this god would offer him raw meat in the practice of *omophagia*, alluding to his dismemberment, or *sparagmos*. In Orphic tradition this god was reborn after being killed as Zagreus. In an epic composed by Nonnus, this deity arrives in an enormous triumph from India. Followers of this god carried a pine cone-tipped staff called a *thyrsos* and killed the Theban king (*) Pentheus. During a festival honoring this god, competitions were held between playwrights at his namesake theater in Athens. This deity was followed by crazed women called maenads. This son of Semele was typically accompanied by satyrs. For 10 points, name this Greek god of wine.

ANSWER: Dionysus [accept Bacchus; accept Zagreus before it’s mentioned] <JW>

9. Proteins called CBP20 and CBP80 recognize mature versions of these molecules for transport. The complex RISC cleaves these molecules using enzymes like Drosha and Dicer. The turnover of these molecules is reflected in the abundance of structures called P-bodies. One process which modifies these molecules uses snRNPs [snurps] to create a lariat loop and is known as (*) splicing. A 7-methylguanylate cap is attached to one end of these molecules, while the other end has a poly(A) tail. Recognition of three-base codons on these molecules allows for peptide synthesis. For 10 points, name this single-stranded nucleic acid that carries information to the ribosome.

ANSWER: mRNA [accept messenger RNA; prompt on RNA; do not accept or prompt on any other kind of RNA] <HK>

10. A chapter that begins with this phrase describes a light not “comprehended” by darkness, clarifying that the author “was not that Light, but was sent to bear witness of that Light.” A sentence that begins with this phrase follows it immediately with three references to the *Logos*. This phrase gives the name to par’sha (*) *Bereshit* [buh-ray-SHEET]. A sentence that begins with this phrase describes a being that “was with God” and “was God,” simply called the Word. The Gospel of John opens with a callback to this phrase, which is followed two lines later by “Let there be light.” For 10 points, name this phrase that opens the Bible.

ANSWER: “In the beginning God created the heavens and the earth” [or In principio creavit Deus caelum et terram or En arkhei epoiisen o Theos ton ouranon kai tin gin; accept Bereshit bara Elohim et hashamayim ve’et ha’aretz until mentioned; accept In the Beginning was the Word or In principio erat Verbum or En arkhei en ho logos] <JR>

11. A character on this show claims to be a cyborg since he’s “mortally dependent” on his pacemaker. On this show, Big Head breaks his potato cannon by trying to fire a Mr. Potato Head out of it. A character on this show figures out a way to detect if a given item is a hot dog or not. A character on this show slaps a kid who sold his friend fake (*) Adderall. On this show, a “middle-out” scheme to increase a Weissman score is inspired by a calculation involving “tip-to-tip efficiency.” By hacking into Jian-Yang’s [jin yang’s] smart fridge, Gilfoyle accidentally saves this show’s central company, Pied Piper. For 10 points, name this HBO series titled after a part of California with many tech startups.

ANSWER: Silicon Valley <BY>

12. The use of blank prose for plays in this language was spurred by a 1787 adaptation of *Iphigenia in Tauris*. During a play in this language, a character based on a Jewish philosopher tells Saladin a parable about three rings. The protagonist of a play in this language complains “here I stand, with all my lore, poor fool, no wiser than before,” and promises that, if he tells the passing moment “Linger on, you are so lovely,” the (*) devil can take his soul. In that two-part play in this language, the title scholar seduces Gretchen with the help of Mephistopheles. For 10 points, name this language used by playwrights Gotthold Ephraim Lessing and Johann Wolfgang von Goethe [yo-hahn VULF-gahng fawn GUR-tuh].

ANSWER: German [or Deutsch] <MK>

13. In the catalytic triads of serine proteases, this low-barrier interaction between histidine and aspartate facilitates the formation of a tetrahedral adduct. In the gas phase, carboxylic acids dimerize due to the presence of this interaction. This interaction is responsible for ammonia’s high boiling point compared to phosphine. This type of interaction between positions i and $i+4$ is responsible for the structure of (*) alpha helices. These interactions occur in compounds containing highly electronegative atoms bonded to their namesake element, such as in hydrofluoric acid. For 10 points, name these intermolecular interactions responsible for water’s lattice structure and unique properties.

ANSWER: hydrogen bonds [or H-bonds] <HK>

14. This river can now be crossed via the Széchenyi [seh-CHEN-yee] Chain Bridge. The Illuminati were founded in a city on this river. A branch of this river abuts the historic Innere Stadt district of a capital city. A city on this river holds many of Bruegel’s paintings at the (*) Kunst-historisches Museum; that city is also home to Schönbrunn Palace. Another city on this river contains a monument in its Heroes’ Square that commemorates the seven chieftains of the Magyar tribes. For 10 points, name this long European river that empties into the Black Sea after flowing through Budapest and Vienna.

ANSWER: Danube River [or Donau] <JW>

15. An advisor to this ruler once said “In the absence of governance, the strong will follow the weak.” During one campaign, this man’s army executed the satraps Nicanor and Philip to expand his empire. Life under this ruler was documented in the *Indica* by Megasthenes. This leader influenced the outcome of the Battle of Ipsus by giving 500 war (*) elephants to Seleucus I Nicator, having just married Seleucus’ daughter. The *Arthashastra* was a major political treatise composed by his mentor, Chanakya. For 10 points, name this first ruler to unify India, the founder of the Mauryan empire.

ANSWER: Chandragupta Maurya [accept Sandrokottos, Sandrakottos, or Androcottus] (The opening clue is from the *Arthashastra*). <VS>

16. This variable and two physical constants are used to compute the Fresnel number. Planck’s constant over “ m times c ” gives a value for this quantity used in Compton scattering, a process during which this quantity increases. As this quantity decreases, Mie [mee] scattering is replaced by Rayleigh scattering, whose intensity is inversely proportional to the (*) fourth power of this quantity. Either this quantity or frequency determines the refractive index in dispersion. Frequency can be multiplied by this quantity to give the speed of light. Color is determined by—for 10 points—what property that falls between 400 and 700 nanometers for visible light?

ANSWER: wavelength [prompt on lambda] <SE>

17. Haydn’s C-major concerto for this instrument was rediscovered in 1961, and was written 20 years before his other, D-major concerto for it. This instrument is prominently featured in a late set of pieces Mozart wrote for the king of Prussia. Luigi Boccherini played this instrument, for which Beethoven wrote (*) five sonatas. A D-major piece for one of these instruments with five strings ends a set of six pieces for it by Johann Sebastian Bach. This instrument, which uses an endpin, is typically tuned “C, G, D, A.” For 10 points, name this low string instrument played by Jacqueline Du Pré and Yo-Yo Ma.

ANSWER: violoncellos <JR>

18. This country was called a “neutral ally” for its ties to Britain during World War I. An explorer from this country won the Nobel Peace Prize after creating namesake “passports” for stateless refugees. This country built the first commercial heavy water plant, but sabotaged it to prevent it from being used to produce nuclear weapons. After referenda in 1974 and 1992, this country, like Switzerland, declined to join the (*) E.U. In 1925, under the reign of king Haakon VII, this country changed its capital’s name from “Christiania.” A pro-Nazi government was led by Vidkun Quisling in—for 10 points—what Scandinavian country?

ANSWER: Kingdom of Norway [or Kongeriket Norge; or Kongeriket Noreg] (The explorer is Fridtjof Nansen.) <JR>

19. *Description acceptable.* These artworks are divided into four quadrants in the Persian and Mughal *charbagh*. In the seventeenth century, embroidery-like and “knot” designs were often made in symmetrical, highly geometrical artworks of this kind called “parterres.” Shah Jahan used red sandstone to frame one of these artworks called (*) “Shalimar” in Lahore. André le Nôtre designed 50 fountains for a highly geometric set of these artworks at the Palace of Versailles. East Asian examples of these artworks often integrate rocks, and a Zen Buddhist variety is primarily made of raked sand. For 10 points, name these outdoor artworks designed by landscape architects.

ANSWER: gardens [accept grounds; prompt on parks or landscapes] <JR>

20. A stage direction by this author calls for a woman in the audience to run out of the theater crying. In the opening scene of that play by this author, a maid is told to “Make up something!” to which she replies “I hate this play!” One of this author’s characters serves ice-cream sodas while posing as a drugstore owner. This author wrote an allegorical play about the (*) Antrobus family, as well as a play in which Professor Willard tells the audience the history of Grover’s Corners, New Hampshire. In that play by this man, the Stage Manager talks to Emily Webb after her death as she relives her twelfth birthday. For 10 points, name this author of *The Skin of Our Teeth* and *Our Town*.

ANSWER: Thornton (Niven) Wilder <CK>

Tiebreaker

21. The Mapuche people began making clothing accessories out of *this* material in the 18th and 19th centuries. This good was produced at Joachimsthal, which gives its name to Thalers [tah-lurs] made of this good. This good was produced with the aid of a different material found at Huancavelica. This good was brought from Acapulco on Manila (*) galleons. The British pushed opium after finding it hard to buy tea due to Chinese hoarding of this good. This good was mined in modern-day Bolivia at Potosí. This was the *less* valuable of two goods whose influx caused the “price revolution,” and it was used to make the original Spanish Dollars. For 10 points, name this precious metal.

ANSWER: silver <JR>

Bonuses

1. In one of this author's novels, the narrator overhears an argument and imagines that one of its participants, Amy Bellette, is Anne Frank. For 10 points each:

[10] Name this author, who introduced the character Nathan Zuckerman in the novel *My Life as A Man*. He also wrote *Portnoy's Complaint*.

ANSWER: Philip (Milton) **Roth**

[10] Roth finally won *this* American literary award in 1997, having won his first National Book Award in 1959. Colson Whitehead won this award in 2017 for *The Underground Railroad*.

ANSWER: **Pulitzer** Prize for Fiction

[10] Philip Roth, like many American writers, studied at a creative writing program in *this* state. That program in this state was the first MFA program in creative writing, and is now run by Lan Samantha Chang.

ANSWER: **Iowa** Writers' Workshop <JW/MK>

2. The Temple of Artemis at Corcyra [kor-"SIGH"-ruh] was the first stone temple built in this architectural order. For 10 points each:

[10] Name this simplest of the three orders of Classical architecture, in which the columns are topped with plain circular capitals instead of leaf- or scroll-like motifs.

ANSWER: **Doric** order

[10] *This* structure, which lies between the column and the pediment was often heavily ornamented in Doric buildings. This structure is generally divided into the cornice, the frieze, and the architrave.

ANSWER: **entablature**

[10] This building is often considered the greatest example of architecture in the Doric order. This temple, which was the source of the Elgin Marbles, stands at the top of the Acropolis in Athens.

ANSWER: **Parthenon** [do not accept or prompt on "Pantheon"] <JW>

3. This city's silk workers used punch-cards to operate Jacquard looms, and were known as "canuts." For 10 points each:

[10] Name this French city, where the canuts revolted in the early 1830s. Those revolts in this city are often seen as the first major well-organized worker uprisings of the Industrial Revolution.

ANSWER: **Lyon**

[10] The revolt of the canuts inspired *this* radical Socialist government in France. This government only lasted for a few months in 1871, and it barely spread outside its namesake city.

ANSWER: Paris **Commune**

[10] Another spark for the Paris Commune was France's embarrassing defeat by *this* now-defunct country. Otto von Bismarck was chancellor of this country, which was the predecessor to modern Germany.

ANSWER: Kingdom of **Prussia** [or Königreich **Preussen**; accept **Franco-Prussian** War] <JR>

4. This composer's older sister Fanny probably started writing "Songs without Words" before his more famous pieces in that genre. For 10 points each:

[10] Name this composer whose incidental music to *A Midsummer Night's Dream* includes a famous "Wedding March." His sacred music includes the oratorio *Elijah* and the hymn "Hark! The Herald Angels sing."

ANSWER: Felix **Mendelssohn**-Bartholdy

[10] In a letter to Fanny, Mendelssohn revealed that *this* chamber work's scherzo is supposed to make you "half inclined to snatch up a broomstick." Mendelssohn wrote this large E-flat-major chamber piece when he was just 16.

ANSWER: String **Octet**, Opus 20

[10] When *this* woman tried to sing her favorite Mendelssohn song for the composer, he had to fess up that it was actually by Fanny. This woman knighted Sir Arthur Sullivan, while her son knighted W.S. Gilbert.

ANSWER: Queen **Victoria** <JW>

5. In the 1960s, American physicist Luis Alvarez proposed using these phenomena to hunt for undiscovered rooms in Egyptian pyramids. For 10 points each:

[10] Name this type of extremely high-energy radiation from outside the Solar System. Unlike gamma rays, they are made of massive particles, not photons.

ANSWER: **cosmic rays**

[10] The most common component of cosmic rays is *this* positively charged particle. There are two of them in an alpha particle and one in a hydrogen atom.

ANSWER: **protons**

[10] Alvarez's earlier work with protons included designing one of *these* devices for the Bevatron proton collider. Donald Glaser invented this device, in which charged particles leave tracks while passing through superheated fluid.

ANSWER: **bubble chamber** <SE>

6. This book describes "The Contemporary Structure of Plunder" by powers like the United States in a section titled "Development is a Voyage with more Shipwrecks than Navigators." For 10 points each:

[10] Name this book by Eduardo Galeano that recounts "five centuries of the pillage of a continent."

ANSWER: ***Open Veins of Latin America*** [or *Las Venas Abiertas de América Latina*]

[10] This former world leader once "gifted" Barack Obama a copy of *Open Veins of Latin America*. He led a "Bolivarian Revolution" that failed due to a collapse in oil prices.

ANSWER: Hugo (Rafael) **Chávez** (Frias)

[10] Hugo Chávez's Bolivarian Revolution occurred in *this* oil-rich South American country, which is now undergoing a massive crisis under Nicolas Maduro.

ANSWER: Bolivarian Republic of **Venezuela** [or República Bolivariana de **Venezuela**] <JR>

7. This tree's nuts are mostly harvested and ground by women's collectives. For 10 points each:

[10] Name this North African tree that produces an oil often drizzled on couscous. Its oil has recently become a staple of shampoos and conditioners.

ANSWER: **argania** [accept **argan oil**]

[10] The argan tree is native to *this* North African country, which is dominated by the Atlas mountains. This country's port of Tangier is less than 50 kilometers from Spain.

ANSWER: Kingdom of **Morocco** [or al-Mamlakah al-**Maghribiyah**]

[10] Most argan oil is harvested by *these* nomadic peoples, who make tapestries called *kilim* and cook stews called *tagine*. Subgroups of these people include the Tuareg.

ANSWER: **Berbers** [or i-**Mazigh**-en] <JR>

8. This element is reduced at the cathode of a Daniell cell, which consists of a pot made of this element filled with its bright blue sulfate solution. For 10 points each:

[10] Name this reddish-brown transition metal with symbol Cu.

ANSWER: **copper**

[5+5] Many of copper's useful electrochemical reactions are driven by its conversion between what *two* non-elemental oxidation states? For 5 points each: give both states, indicating both the charge and whether it is positive or negative.

ANSWER: **+1** [plus-one] AND **+2** [plus-two] [accept answers in either order; accept **positive one** AND **positive two**]

[10] One such reaction is the biuret test, in which copper(II) [copper-two] is reduced to copper(I) [copper-one] in the presence of *these* bonds.

ANSWER: **peptide** bonds [prompt on **amide** bonds] <SE>

9. In a preface, this author compared the difficulty of writing a book to the difficulty of sticking a tube in a dog and blowing it up like a balloon. For 10 points each:

[10] Name this man who attacked “false” sequels to his most famous book in the preface to Part 2. At the beginning of that book by this man, the narrator says that he doesn’t want to remember the name of the village where it starts.

ANSWER: Miguel de **Cervantes** (Saavedra)

[10] That novel by Cervantes is titled for *this* Spanish nobleman, who fancies himself a knight and tilts at some windmills.

ANSWER: Don **Quixote** [or Alonso **Quijano**]

[10] Throughout Part 2 of *Don Quixote*, the Don keeps encountering people who’ve read Part 1, including *this* couple, who give Sancho Panza an island to govern. This couple is only known by their aristocratic titles; we need *both* members.

ANSWER: **Duke** AND **Duchess** <JW>

10. The chorus of this album’s title track includes the lines “Good afternoon / ... Mark speaking / Please, tell me, how may I direct your call?” For 10 points each:

[10] Name this 2018 rock album, which features the David Bowie-like song “Four Out of Five.”

ANSWER: **Tranquility Base Hotel & Casino**

[10] *Tranquility Base Hotel & Casino* is an album by *this* English band, who debuted in 2006 with *Whatever People Say I Am, That's What I'm Not*.

ANSWER: **Arctic Monkeys**

[10] The Arctic Monkeys’ early work is often described as “post-” *this* genre, exemplified by The Ramones and The Clash. Performers in this genre often wore dark eyeshadow, leather jackets, spikes, and mohawks.

ANSWER: **punk** rock <JW>

11. During this event, many Muslims fill bottles with water from the spring of Zamzam to bring home. For 10 points each,

[10] Name this pillar of Islam, which consists of a pilgrimage to Mecca. During this event, pilgrims walk around the Kaaba seven times in the ritual of *tawaf*.

ANSWER: **Hajj**

[10] On the tenth day of the Hajj, *this* action is performed using objects found on Muzdalifa. This action is done following Ibrahim, who was told to do this action by Jibril.

ANSWER: **stoning the devil** [or **rami**-al-jamarat or **rajm**; prompt on partial answer]

[10] This holiday marks the end of the Hajj and commemorates Ibrahim’s willingness to sacrifice Isma’il. It is sometimes called the Feast of Sacrifice.

ANSWER: **Eid-ul-Adha** [accept **Eid-al-Kabir**; prompt on just **Eid** or Greater **Eid**] <HK>

12. This organ contains most of the body’s reserves of serotonin in its enterochromaffin cells. For 10 points each:

[10] Name this organ into which the esophagus empties. This organ produces hydrochloric acid to help digest food.

ANSWER: **stomach**

[10] This ulcer-causing bacterium is a common reason for gastritis, or inflammation of the stomach’s lining. Barry Marshall drank a culture of this bacterium and then treated himself with antibiotics to show that it causes ulcers.

ANSWER: **Helicobacter pylori** [prompt on partial answer]

[10] *H. pylori* infections, as well as GERD and other stomach ulcers, are often treated with *these* drugs, which target a specific ATPase necessary to maintain the stomach’s acidity.

ANSWER: **proton pump inhibitors** [or **PPIs**] <HK>

13. The title figure of this work slays Fimafeng and refuses to flee until he is threatened with a beating with a hammer. For 10 points each:

[10] Name this poem that depicts a trickster visiting Aegir's hall, after which he insults the Aesir by accusing most of them of infidelity.

ANSWER: Lokasenna

[10] Loki only flees after *this* thunder god threatens to beat him up. This son of Odin wields the hammer Mjolnir.

ANSWER: Thor

[10] The scene in which Loki insults Sif comes from the *Lokasenna*, a part of *this* Icelandic epic poem which opens with the *Voluspa*.

ANSWER: Poetic Edda [prompt on just *Eddas*] <HK>

14. This philosopher's *Discourse on Method* was originally a preface to books on optics, geometry, and meteorology. For 10 points each:

[10] Name this 17th-century French philosopher, who demonstrated his own existence with the proof "I think, therefore I am."

ANSWER: René Descartes

[10] Descartes seems to have failed to respond to a 1643 letter in which *this* European princess pointed out that he had no real way to explain how mind and body interact.

ANSWER: Princess Elisabeth of Bohemia

[10] Descartes, like Spinoza and Leibniz, is often given *this* label, since their philosophies emphasize deduction from first principles. This label is contrasted with empiricism, which proceeds via *induction*.

ANSWER: rationalism <JW>

15. This book's speaker describes how the author of the novel *Life's Adventure*, "broke the sentence" and "has broken the sequence ... not for the sake of breaking, but for the sake of creating." For 10 points each:

[10] Name this book, whose author ruminates on the phrase "Chloe liked Olivia." A theatrical adaptation of this work starred Eileen Atkins as its author.

ANSWER: *A Room of One's Own*

[10] *A Room of One's Own* is an essay by *this* English Modernist and member of the Bloomsbury Group. She also wrote *Mrs. Dalloway* and *To the Lighthouse*.

ANSWER: (Adeline) Virginia Woolf [or (Adeline) Virginia Stephen]

[10] *Mrs. Dalloway* is often seen as using *this* Modernist technique, which uses free association and eschews standard grammar to convey an interior monologue.

ANSWER: stream-of-consciousness <WJ>

16. This technique was pioneered by Janet Sobel. For 10 points each:

[10] Name this technique used to create Abstract Expressionist paintings like *Blue Poles*.

ANSWER: drip painting [accept action painting]

[10] *Blue Poles* is a drip painting by *this* American artist, who also painted *Autumn Rhythm*.

ANSWER: (Paul) Jackson Pollock

[10] This woman, who ran the Art of This Century gallery, was Pollock's main patron. She commissioned Pollock to make the landmark 1943 painting *Mural*.

ANSWER: Peggy Guggenheim [or Marguerite Guggenheim] <JR>

17. This period ended with the so-called “Redemption,” in which Southern States passed the Jim Crow laws. For 10 points each:

[10] Name this era of American history which followed the Civil War. Southerners who supported Republican policies during it were called “scalawags.”

ANSWER: **Reconstruction**

[10] During Reconstruction, Northerners who moved South to make profit were often described with *this* term, which refers to the cheap luggage they supposedly used.

ANSWER: **carpetbaggers**

[10] This man served as Chief Justice during the Reconstruction era. In *Texas v. White*, he ruled that the Southern states had no authority to secede.

ANSWER: Salmon P(ortland) **Chase** <SPQR>

18. This book discusses the “laws that lay down who should be loved. And how. And how much.” For 10 points each,

[10] Name this novel that calls 31 “Not old. Not young. But a viable die-able age.” One of its protagonists owns a watch with the time painted on, and is freaked out by a moth from a new species that her grandfather discovered.

ANSWER: *The **God of Small Things***

[10] *The God of Small Things* was written by *this* Indian author, who finally released her second novel, *The Ministry of Utmost Happiness* in 2017.

ANSWER: (Suzanna) Arundhati **Roy**

[10] The inciting incident of *The God of Small Things* is the death of Sophie Moll, which occurs in *this* fashion. Virginia Woolf and Hamlet’s fiancée Ophelia both committed suicide in this manner.

ANSWER: **drowning** <HK>

19. This term refers to extremes of a solid solution series. For 10 points each:

[10] Give this term for minerals that have very high purity of an element that’s substituted for a different element in other minerals. Examples include enstatite and ferrosilite for the olivine series.

ANSWER: **endmembers**

[10] Albite and anorthite are the endmembers of the plagioclase series, which substitutes *this* element for sodium along the series. A phosphate mineral of this mineral is called apatite and is the main constituent of bones and teeth.

ANSWER: **calcium** [or **Ca**]

[10] The endmembers of the olivine series are forsterite, which is rich in magnesium, and fayalite, which is rich in *this* element. This metal is found in pyrite.

ANSWER: **iron** [or **Fe**] <AF>

20. This civilization’s name derives from the purple dye it produced as its major export. For 10 points each:

[10] Name this Semitic civilization whose major cultural centers included Sidon and Tyre. This civilization’s alphabet indirectly formed the basis for almost every modern alphabet, including even Thai and Mongolian.

ANSWER: **Phoenicians**

[10] This city in modern-day Tunisia was Phoenicia’s major colony. This city fought a war against its mercenaries after losing the Second Punic War to Rome.

ANSWER: **Carthage**

[10] This city in modern-day Lebanon was the first major power center for the Phoenicians. Its Greek name either derived from or is the origin of the Greek word for “book,” which was later used for a collection of sacred texts.

ANSWER: **Byblos** [accept **biblion**] <SPQR>

Tiebreaker

21. For 10 points each—answer the following about medieval translations of the Bible:

[10] Following Martin Luther’s translation of the Bible into German, *this* electorate’s dialect became the standard for literary German. This electorate’s ruler Frederick III sheltered Luther despite his Roman Catholic beliefs.

ANSWER: **Saxony** [or **Sachsen**]

[10] This leader of the Lollards published an English-language translation of the Bible in 1382. This “morningstar of the Reformation” was posthumously declared a heretic at the Council of Constance.

ANSWER: John **Wycliffe**

[10] This English translation of the Bible was begun in 1604 and completed in 1611. Richard Bancroft oversaw this standard Anglican Bible, which takes its name from the British king who faced the Gunpowder Plot.

ANSWER: **King James** Version [accept **KJV**; accept **Authorized Version**; accept **King James Bible**] <SPQR>