

Spring Novice (April 17th, 2021)

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Packet 2

1. **An old man in this story insists that “we’d all be eating stewed chickweed and acorns” if a certain event wasn’t held, because an old saying links that event to when “corn be heavy soon.” Another character in this story confirms his family only contains one household, as daughters are considered part of their husband’s household. In this story, Mr. Summers often talks about replacing a shabby black wooden (*) box he uses to store paper slips. At the end of this story, “it isn’t fair, it isn’t right” is screamed by Tessie Hutchinson before she is stoned to death. For 10 points, name this Shirley Jackson short story where people draw lots in the title event.**

ANSWER: “The Lottery”

<RC, Literature - Short Fiction>

2. **A politician from this state led a commission on organized crime whose televised hearings popularized knowledge of the Mafia; that politician from this state served as Adlai Stevenson’s running mate in 1956. Two politicians from this state and Lyndon Johnson were the only Democratic senators from Southern states not to sign the Southern Manifesto. The speech “I’ve Been to the Mountaintop” was delivered in this state during a (*) sanitation workers’ strike. A politician from this state lost a presidential election after the Supreme Court halted a Florida recount. For 10 points, name this state home to Al Gore, where Martin Luther King Jr. was assassinated in Memphis.**

ANSWER: Tennessee (The Senators who refused to sign the Southern Manifesto are Estes Kefauver [who also led the hearings on organized crime] and Al Gore Sr.)

<NH, History - American History>

3. **In this state, a mythical race of dwarves called the Menehune (“meh-NAY-hu-NAY”) are said to have built fish ponds and other structures. It’s not Minnesota, but this state’s “Big Bog” receives the most annual precipitation of any location in the United States due to easterly trade winds. An airport in this state named for the first (*) Japanese-American Congressman lies west of the ‘Iolani Palace. Kona Coffee is produced on the slopes of two mountains in this state. This state is the home of the taro porridge *poi* and the diced raw fish dish *poke* (“POH-kay”). The ukulele is the official instrument of, for 10 points, what state whose islands include Oahu and Maui?**

ANSWER: Hawai’i

<CL, The World - Geography>

4. **At one battle, this commander successfully constructed two lines of circumvallation around the besieged oppidum. Despite being vastly outnumbered, this commander repulsed multiple attacks from siege defenders and relief troops at the Battle of Alesia. That victory led to the submission of Avernian chieftain Vercingetorix (“ver-sin-GEH-tuh-rix”) and the eventual annexation of (*) Gaul. Two years later, this commander crossed the Rubicon, igniting several years of civil war. For 10 points, name this Roman general who wrote *Commentaries on the Gallic War* and was assassinated on the Ides of March.**

ANSWER: Gaius Julius Caesar [prompt on Caesar]

<JH, History - Ancient History>

5. **George Ritzer described how this process produces culturally-homogenizing effects such as predictability and calculability that he termed “McDonaldisation.” A book by Joseph Stiglitz titled for this concept critiques the Washington Consensus and the failure of the IMF to respond to the 1997 Asian financial crisis. This concept’s “3.0” version, inspired by a billboard in (*) Bangalore, was described by Thomas Friedman in the book *The World is Flat*. Offshoring is a result of this process, which often makes use of outsourcing. Free trade agreements can promote this process. For 10 points, name this process, the internationalization and integration of national economies.**

ANSWER: **globalization** [accept economic **globalization**; prompt on free trade or international trade or cultural exchange with “What general process is that a part of?”]

<DM, Social Science - Economics>

6. **One poem from this country represents a musical score using varying typefaces to denote intonation and large white spaces to denote tempo; that poem concludes “All Thought expresses a Throw of the Dice.” Another poem from this country describes a “chosen landscape where masqueraders and bergamasquers (“bair-gah-MASK-ers”) dance under the title (*) “moonlight.” A collection from this country that addresses the “hypocrite reader” and contains a “Spleen and Ideal” section is titled *Flowers of Evil*. In a novel set in this country, the gypsy Esmeralda is hanged to the despair of the bellringer Quasimodo. For 10 points, name this country home to Paul Verlaine, Charles Baudelaire, and Victor Hugo.**

ANSWER: **France** (The first poem is by Stephane Mallarmé.)

<AL, Literature - Poetry>

7. **These molecules are characterized by bite angle, larger values of which can increase the rate and selectivity of catalysis, as seen in diphosphines (“DYE-foss-feens”). These molecules may be “bridging”, depending on whether they connect two or more atoms. A subclass of these molecules is used in the preferred treatment for heavy metal poisoning. These molecules can be characterized by their (*) denticity, for which EDTA has a value of 6. Chelates are a type of these molecules that can form multiple coordination bonds and have a higher affinity for metal ions. For 10 points, name these molecules with lone pairs of electrons that bond to central atoms to form coordination complexes.**

ANSWER: **ligands** [prompt on chelating agent]

<SF, Science - Chemistry>

8. **Composers with this surname residing in Berlin and London composed in the “Galant” style of music for such pieces as *Solfeggietto* (“sole-fed-JET-toh”). A fictional composer with this surname invented by Peter Schikele (“SHIK-uh-lee”) has initials that stand for “pretty damn quick.” The most famous composer with this surname parodied his own addiction in his *Coffee Cantata*, and has his works catalogued in the (*) BWV. That composer with this surname wrote a foundational set of preludes and fugues in every major and minor key, which is titled *The Well-Tempered Clavier*. For 10 points, give this surname of a large family of musicians, including C. P. E. and Johann Sebastian.**

ANSWER: **Bach** [accept specific Bachs, including Johann Sebastian **Bach**, Carl Philip Emmanuel **Bach**, and Johann Christian **Bach**]

<JC, Arts - Music>

9. **In one book, this philosopher derided the “frequency of insignificant speech” of Scholastic philosophers. In the final section of that book, this philosopher called the state of ignorance caused by widespread misinterpretation of scripture a “kingdom of darkness,” leading to accusations of atheism. He followed-up with a book on the causes of the English Civil War titled (*) *Behemoth*. This author of *De Cive* described the state of nature as a “war of all against all” and described life as “solitary, poor, nasty, brutish, and short” in his most famous work. For 10 points, name this English philosopher who wrote *Leviathan*.**

ANSWER: Thomas **Hobbes**

<CB, Beliefs - Philosophy>

10. In the Cori cycle, lactate is converted into this compound through a pathway that requires PEP carboxykinase. Cancer cells tend to have an increased rate of uptake of this compound, according to an effect named for Otto Warburg. This compound is phosphorylated by hexokinase in the (*) first step of a pathway that produces two molecules of pyruvate. Maltose is composed of two monomers of this compound, whose absorption from the blood is stimulated by insulin. For 10 points, glycolysis breaks down what six-carbon sugar with formula C₆H₁₂O₆?

ANSWER: **glucose** [prompt on C₆H₁₂O₆ before mention; prompt on carbohydrates or sugars before mention]

<RC, Science - Biology>

11. The husband of a comic strip character named for this adjective lends his name to an absurdly-tall cold cuts sandwich. A band named for this adjective has a song that muses “once I had a love, and it was a gas.” A song on an album named for this adjective begins “I thought that I was dreaming when you said you loved me.” That song, “Ivy”, precedes (*) “Nikes” on an album named for this adjective, which was initially titled *Boys Don't Cry*. A band named for this adjective released the hit “Heart of Glass” and was fronted by Debbie Harry. This adjective names the followup album to Frank Ocean’s *Channel Orange*. For 10 points, give this adjective that describes Marilyn Monroe’s hair.

ANSWER: **blonde** [accept **Blondie**]

<SB, Pop Culture - Other Pop Culture>

12. Gertrude Stein wrote that the art world “should fear” this painting’s artist in a quote misinterpreting this painting as satirical. In a photograph, Gordon Parks subverted the demeanor of a person in this painting to highlight racism in Washington D.C. That satire of this painting surrounds its subject with a mop, a broom, and the American flag. A pointed arch window appears on the Dibble House behind Byron McKeeby in this painting. In this painting, the artist’s (*) sister, Nan, stares towards the artist’s dentist, who wears glasses and overalls. For 10 points, name this Grant Wood painting that depicts two people from rural Iowa, one of whom poses sternly with a pitchfork.

ANSWER: ***American Gothic***

<SF, Fine Arts - Painting>

13. The *sirhak* or “realistic learning” movement occurred during a dynasty of this region that was founded by Taejo (“TEH-jo”) after defeating King Gongyang. The conquest of Baekje (“pek-cheh”) and Goguryeo (“koh-GOOR-yaw”) by the kingdom of Silla ended this region’s Three Kingdoms period. Admiral Yi Sun-sin improved the design of this region’s turtle ships. This region’s (*) Hangul script was created by Sejong the Great during the Joseon (“CHO-sun”) Dynasty, which survived two Japanese invasions. For 10 points, name this region that was divided at the 38th parallel into countries with capitals at Pyongyang and Seoul.

ANSWER: **Korea** [or the **Korean** peninsula; prompt on East Asia with “What region of East Asia?”]

<MP, History - World History>

14. In this novel, a character repeats the phrases “men without skin” and “a hot thing” during a series of stream-of-consciousness monologues. Another character in this novel uses the metaphor of a “tobacco tin” for his repressed memories of Sixo’s torture by Schoolteacher. After the protagonist attacks Mr. (*) Bodwin with an ice pick, the title character of this novel disappears. At this novel’s end, the memory of Baby Suggs inspires Denver to leave the “spiteful” 124 Bluestone Road. For 10 points, name this novel about Sethe, who killed her baby to protect her from slavery, written by Toni Morrison.

ANSWER: ***Beloved***

<AL, Literature - Long Fiction>

15. Erving Goffman described “licensed withdrawals” as part of a study titled for this concept’s influence on the advertisement industry. Candace West and Don Zimmerman responded to Harold Garfinkel’s “Agnes” in a 1987 paper titled for “doing” this concept. Another thinker used J. L. Austin’s idea of “performative utterances” to describe this concept’s (*) “performativity.” That thinker argued that this concept is not a state of being, but a process of doing, in a 1990 book. Judith Butler claims that the “heterosexual matrix” that protects masculinity and femininity results in this concept’s “Trouble.” For 10 points, name this concept that is distinct from biological sex.

ANSWER: gender [do not accept or prompt on “sex”]

<DM, Social Science - Sociology>

16. This person declares “May your money perish with you” when rebuking Simon Magus’ monetary offering. In the Garden of Gethsemane, this person cuts off the ear of the servant Malchus to prevent Jesus’s arrest. During the Last Supper, Jesus informs this brother of Andrew that he will have (*) denied knowing him three times. Tradition holds that during the reign of Nero, this man was crucified upside-down. Jesus refers to this man as the “rock” on which the church will be built. For 10 points, name this apostle of Jesus who became the first pope and guards the gates of heaven.

ANSWER: Saint Peter the Apostle [accept Simon Peter or Simeon Peter; accept Cephas]

<KT, Beliefs -Religion>

17. The density of this entity is indicated by the third peak of the Cosmic Microwave Background’s power spectrum. The Lambda-CDM model, often called the standard model of Big Bang cosmology, includes the “cold” form of this entity. This entity can explain the offset of the Bullet Cluster’s center of mass. Weakly interacting massive particles, or WIMPs, are one (*) candidate for this entity, which is difficult to detect as it does not interact with electromagnetic radiation. For 10 points, name this currently undetected type of matter that makes up around 85% of the matter in the universe.

ANSWER: cold dark matter

<LM, Science - Other Science - Astronomy>

18. In 2014, this athlete tweeted that he had just had a smoothie for the first time and “...MAN GOD BLESS AMERICA.” This player’s teammates gifted him pens for his birthday, trying to get him to sign a contract extension. In the second round of the 2020 NBA playoffs, this player injured his right ankle and sat out in a series loss to the Miami Heat. In the 2019-20 season, this player became only the third player to win both Defensive Player of the Year and (*) MVP in the same season, his second-straight MVP trophy. This player is teammates with his brother Thanasis. For 10 points, name this Milwaukee Bucks forward nicknamed the “Greek Freak”.

ANSWER: Giannis Antetokounmpo [or Giannis Antetokounmpo or Giannis Adetokunbo; prompt on the Greek Freak before mention]

<AZ, Pop Culture - Sports>

19. The continuity equation for fluid dynamics restates the conservation of this quantity in terms of flux. The weak equivalence principle equates the inertial and passive gravitational forms of this quantity. In 2019, the SI unit for this quantity was redefined using a Kibble balance instead of the IPK, a cylinder made of a (*) platinum-iridium alloy. This quantity times “the radius of gyration squared” is equal to moment of inertia, which is the rotational analog of this quantity. A common restatement of Newton’s second law of motion defines force as, for 10 points, what quantity times acceleration?

ANSWER: mass [accept inertial mass, gravitational mass, passive gravitational mass, etc; prompt on kilogram or kg by asking “what physical quantity does that measure?”; do not accept or prompt on “weight”]

<SB, Science - Physics>

20. **The Catholic Church has beatified nearly 2,000 martyrs who died during this non-Russian war's Red Terror. The folk song "The Valley of Jarama" began as the anthem of a regiment in this war. The loss of the Catholic CEDA party to the Manuel Azaña-led Popular Front led to the military coup which began this war. Foreign volunteers like the (*) Abraham Lincoln Battalion served as part of the International Brigades during this war. During this war, the German Condor Legion bombed the Basque city of Guernica. For 10 points, name this war which resulted in Francisco Franco taking power in an Iberian country.**

ANSWER: Spanish Civil War

<NH, History - European History>

21. **This deity took the guise of a hunter to fight Arjuna over whose arrow killed a boar. This deity is often identified with the Vedic storm god Rudra. This god and his wife gave a golden mango to their son for winning a race by walking around them. When depicted as Nataraja, this lord of the (*) dance dances the Tandavam. This god trapped his devotee Ravana under Mount Kailash, where this god lived with his sons Ganesha and Kartikeya and wife Parvati. This god drank the poison halahala during the churning of the ocean of milk, turning his throat blue. For 10 points, name this member of the Hindu Trimurti, known as the destroyer.**

ANSWER: Shiva

<RR, Beliefs - Mythology>

22. **A novel within a novel by this author mentions the existence of "Little People," who later appear by coming out of one character's mouth. In that novel by this author, the playing of Janacek's *Sinfonietta* marks when a character believes they have entered into a new (*) reality. Another novel by this author begins with the protagonist searching for his missing cat. This author's protagonist Aomame ("ah-oh-MAH-meh") encounters a slightly altered world in a novel whose title plays on the title of a George Orwell book. For 10 points, what Japanese author wrote *The Wind-Up Bird Chronicle* and *1Q84*?**

ANSWER: Haruki Murakami

<EM, Literature - Long Fiction>

23. **The original choreography for this ballet was lost until the 1980s, when it was reconstructed by the Joffrey Ballet. That choreography instructs dancers to land flat on their feet, and includes "The Dance of Abduction," followed by a circular dance called the *khorovod* ("core-oh-voad"). The theosophist Nicholas Roerich designed the original set and costumes for this ballet. This ballet opens with a section titled "Adoration of the Earth" and concludes with the (*) "Sacrificial Dance", in which "the Chosen One" is forced to dance herself to death. For 10 points, name this ballet choreographed by Vaslav Nijinsky, and set to music by Igor Stravinsky, whose 1913 premiere in Paris is said to have sparked a riot.**

ANSWER: *The Rite of Spring* [accept *Le Sacre du Printemps*]

<CB, Arts - Other Arts - Dance>

24. **In July 2020 this city's council passed a "JumpStart" plan for a new payroll tax on large corporations that its mayor Jenny Durkan allowed to become law. In June 2020, a 30-foot tall Black Power fist sculpture was raised at Cal Anderson Park in this city near the intersection of 12th and Pine. Protests in favor of cutting the city's police budget by 50% took place in an (*) "Autonomous Zone" in this city's neighborhood of Capitol Hill that was eventually shut down after multiple shootings. For 10 points, name this city that Amazon has threatened to leave over higher taxes, the most populous city in Washington.**

ANSWER: Seattle

<CC, The World - Current Events>

Bonuses

1. J.R.R. Tolkien revitalized the scholarly study of this poem with his essay “The Monsters and the Critics.” For 10 points each:

[10m] Name this epic poem about a Geatish hero who saves Hrothgar, king of the Danes, from the monster Grendel.

ANSWER: **Beowulf**

[10e] *Beowulf* was written in this language. This is the earliest recorded form of a language whose “Middle” form Geoffrey Chaucer used to write *The Canterbury Tales*.

ANSWER: **Old English** [prompt on English]

[10h] This is the first word of *Beowulf*, used to call the attention of the people reading (or listening). Seamus Heaney translated this word as “So...” and Maria Dahvana translated it as “Bro!”

ANSWER: **Hwæt** (“wet”)

<EM, Literature - Poetry>

2. Answer the following about some identically named geographic features, for 10 points each.

[10m] This most populous Australian state contains a mountain range called the Blue Mountains, which features a rock formation called the Three Sisters. The Murray River forms its southern border with Victoria.

ANSWER: **New South Wales** [or **NSW**]

[10e] This U.S. state contains another range of Blue Mountains and a trio of volcanoes called the Three Sisters. This state is home to the Willamette Valley and cities like Salem and Portland.

ANSWER: **Oregon**

[10h] The town of The Blue Mountains and a trio of lakes called the Three Sisters are in this Canadian province, which is also home to cities like Thunder Bay and Windsor and is bordered to the west by Manitoba.

ANSWER: **Ontario**

<MP, The World - Geography>

3. The Quran states that this man’s death was only revealed after a creature of the Earth had finished eating his scepter, causing his dead body to fall down. For 10 points each:

[10h] Name this King of the Israelites who refused to step on ant colonies after overhearing some ants warning others about his arrival. It is said that he could control the wind and he had access to a river of molten brass.

ANSWER: King **Solomon** [or **Sulaiman ibn Dāwūd**]

[10m] Solomon’s river of molten brass was used by these beings of smokeless fire to create the king’s various monuments. These beings, who name the 72nd sura, only recognized that Solomon was dead when he fell down.

ANSWER: **djinn** [or **genies**]

[10e] In another Quranic scene, Solomon sends a letter to the Queen of Sheba threatening to invade if her people do not stop worshipping this object. In the Egyptian pantheon, Ra was the god of this object.

ANSWER: the **sun**

<KT, Beliefs - Religion>

4. A melody often played by these objects consists of permutations of the notes [*read slowly*] E, F-sharp, G-sharp, and low B played in a short-short-short-long rhythm. For 10 points each:

[10h] The Westminster Quarters is a melody commonly associated with what objects, whose “striking” variety comes equipped with a set of bells?

ANSWER: striking **clocks** [or chiming **clocks**; accept **clock** towers]

[10m] This composer’s *A London Symphony* imitates Big Ben by quoting the Westminster Quarters. This composer also wrote a fantasia on “Greensleeves,” as well as *The Lark Ascending*.

ANSWER: Ralph (“rafe”) **Vaughan Williams** [prompt on partial answer]

[10e] This other English composer was inspired by London’s Hammersmith district to write a two-movement wind band piece. He is more famous for writing *St. Paul’s Suite* and *The Planets*.

ANSWER: Gustav Theodore von **Holst**

<JC, Arts - Music>

5. A body in a parabolic potential well exhibits this type of motion. For 10 points each:

[10m] Name this type of motion generally described by the second-order differential equation “ a equals minus- ω -squared x .”

ANSWER: simple **harmonic** motion [or simple harmonic **oscillation**; prompt on **pendulum** or **spring** with “what kind of motion does that undergo?”]

[10e] In the Einstein model for these solids, each particle in their lattice is thought to be an individual harmonic oscillator. These entities have highly-organized lattices, and examples of them include diamonds and snowflakes.

ANSWER: **crystals**

[10h] The Einstein model was superseded by the Debye (“duh-BYE”) model, which instead modeled lattice vibrations as these quasiparticles. These quasiparticles represent the elementary vibrational modes of a lattice.

ANSWER: **phonons**

<SB, Science - Physics>

6. This woman’s husband and four children died of yellow fever, and her dress shop burned down during the Great Chicago Fire. For 10 points each:

[10h] Name this woman who was called “the most dangerous woman in America” and who led a “Children’s Crusade” to protest lax enforcement of child labor laws. This woman co-founded the IWW.

ANSWER: Mother **Jones** [or Mary Harris **Jones**]

[10m] Mother Jones co-founded the IWW with “Big Bill” Haywood and this man, who ran for president five times on the Socialist ticket.

ANSWER: Eugene V. **Debs**

[10e] One of these institutions in West Virginia was named for Mother Jones after she was kept there during the 1912-1913 mine wars. Debs ran for president in 1920 while residing in one of these institutions.

ANSWER: **prisons** [or **jails**]

<NH, History - American History>

7. This state was the defendant in a Supreme Court case that prohibited search and seizure without a valid warrant. For 10 points each:

[10e] Name this state sued by Dollree Mapp after her arrest on obscenity charges. The advent of railroad transportation gave Chicago primacy in the meat trade over this state's city of Cincinnati.

ANSWER: **Ohio** [accept *Mapp v. Ohio*]

[10m] The decision in *Mapp v. Ohio* led to a "due process revolution" during the Warren Court, which refers to the Due Process clause of which constitutional amendment? This amendment also includes the Equal Protection Clause.

ANSWER: **Fourteenth** Amendment

[10h] This legal rule prohibits illegally collected evidence, such as the obscene material in *Mapp v. Ohio*, from being used in court cases. This rule is extended by the "fruit of the poisonous tree" doctrine.

ANSWER: **exclusionary** rule

<DM, Social Science - Other Social Science>

8. Answer the following about the projects of Brian Burton, better known as Danger Mouse, for 10 points each.

[10e] Danger Mouse first came to prominence by mashing up this rapper's *Black Album* with the Beatles' *White Album* to make *The Grey Album*. This rapper is married to Beyoncé.

ANSWER: **Jay-Z** [or Shawn **Carter**]

[10m] Danger Mouse's biggest commercial success came with this hit song, made when teaming up with Cee-Lo Green in Gnarls Barkley. This song begins "I remember when, I remember I remember when I lost my mind."

ANSWER: "**Crazy**"

[10h] Danger Mouse produced this man's sophomore album, which features the songs "Jukebox Joints" and "L\$D." On "Potato Salad," a collaboration with Tyler, the Creator, this man raps, "no this ain't a purse, it's a satchel."

ANSWER: A\$AP **Rocky**

<AJai, Pop Culture - Pop Music>

9. Answer the following about the math behind a quizbowl tournament, for 10 points each.

[10e] In a round-robin group phase, the total number of games played by a single group is one of these numbers. The solutions to the handshake problem are these numbers, the fourth of which is $1 + 2 + 3 + 4$.

ANSWER: **triangular** numbers [or **triangle** numbers]

[10h] Tournaments can be described by these kinds of graphs where each team's outdegree is equal to their number of wins. Graphs with this property are represented by nodes connected by one-way arrows.

ANSWER: **directed** graphs [or **digraphs**]

[10m] If no teams are tied after the round-robin, then the tournament must have this property. In a tournament with this algebraic property, if A beats B and B beats C, then A beats C.

ANSWER: **transitivity** [or **transitive** property]

<SB, Science - Other Science - Math>

10. Truth may be stranger than fiction, but these crazy deaths give real life a run for its money. For 10 points each:

[10e] In "The Adventure of the Lion's Mane," this detective discovers that Fitzroy McPherson was not murdered, but was in fact stung to death by a jellyfish. Unusually, John Watson does not appear in that story of this detective.

ANSWER: **Sherlock** Holmes [or Sherlock **Holmes**]

[10m] Charlie Wilcox is charged with manslaughter after Leonard Bast is crushed by a bookcase in this author's novel *Howards End*. Adela Quested accuses Dr. Aziz of assaulting her in this author's novel *A Passage to India*.

ANSWER: E.M. **Forster** [or Edward Morgan **Forster**]

[10h] In a Roald Dahl short story, the pregnant Mary Maloney smashes her husband's head in with this object and then convinces his colleagues at the police department to eat the evidence.

ANSWER: a leg of **lamb** [prompt on meat or dinner] (The short story is "Lamb to the Slaughter")

<PS, Literature - Short Fiction>

11. The Thirty Years' War killed over a third of all people living in this modern-day country. For 10 points each:
[10e] Name this country whose city of Augsburg was the site of a peace treaty that temporarily stemmed religious tensions. Martin Luther sparked the Protestant Reformation by posting the *95 Theses* in Wittenberg in this country.

ANSWER: **Germany**

[10m] During the Thirty Years' War, Sweden was led by this ruler of the House of Vasa, dubbed the "Lion of the North."

ANSWER: Gustavus **Adolphus** [or **Gustav II** Adolphus; prompt on **Gustav**]

[10h] Gustavus Adolphus died during this battle of the Thirty Years' War. Berhard of Saxe-Weimar led the Protestant coalition to victory in this battle after Gustavus Adolphus was killed.

ANSWER: Battle of **Lützen**

<AJai, History - European History>

12. The ancient Greek gods had a variety of different weapons at their disposal. For 10 points each:

[10e] Zeus was the god of the sky and what other natural phenomenon? Weapons made from this phenomenon were ideal for smiting down impious mortals and battling enemies.

ANSWER: **thunder** bolts [accept **lightning** bolts]

[10m] The thunderbolts of Zeus were crafted for him by this group of figures during the Titanomachy. These creatures also crafted the trident of Poseidon and the Cap of Invisibility for Hades.

ANSWER: **cyclopes** [accept **cyclops**]

[10h] Dionysus wielded the *thyrsus*, a staff with a pinecone at the top that could cause this condition in its targets. Dionysus often inflicted this condition to punish people, such as his cousin Pentheus.

ANSWER: **madness** [or **insanity** or **craziness**]

<JH, Beliefs - Mythology>

13. This director's yakuza film *Drunken Angel* was the first of sixteen he made with Toshiro Mifune. For 10 points each:

[10m] Name this Japanese director whose other films include *Ran* ("ron"), *The Hidden Fortress*, and *Yojimbo*.

ANSWER: Akira **Kurosawa**

[10e] Akira Kurosawa made many films in the *Chanbara* genre, which revolve around depictions of this kind of character. Kurosawa's most famous film is titled for seven of these kinds of warriors.

ANSWER: **samurai** [accept **ronin**]

[10h] Kurosawa's film *The Hidden Fortress* strongly influenced this film. This film's director created Industrial Light & Magic to produce this film's special effects, and it was the first to use a computer-controlled camera.

ANSWER: **Star Wars Episode IV: A New Hope** [accept **A New Hope**]

<CB, Arts - Other Arts - Film>

14. Campaign Zero, founded by Brittany Packnett and Deray McKesson, launched this campaign for police reform in the wake of the George Floyd protests. For 10 points each:

[10h] Name this campaign that proposes a certain number of policies such as banning chokeholds and requiring a warning before shooting to help reduce police killings.

ANSWER: **8 Can't Wait**

[10m] On May 30, protests led to a police kiosk in this city's Fairfax District being set on fire. This city's mayor, Eric Garcetti, embraced budget cuts for the police department after criticism for his response to the protests.

ANSWER: **Los Angeles**

[10e] This city's mayor, Muriel Bowser, renamed a stretch of 16th Street Northwest Black Lives Matter Plaza after the slogan was painted on the street facing the White House.

ANSWER: **Washington**, DC [accept **DC** or **District of Columbia**]

<RR, The World - Current Events>

15. While a person is in this state, brain wave patterns look similar to patterns while the person is awake. For 10 points each:

[10m] Name this state, characterized by paralysis caused by lack of muscle tone and darting movements under the eyelids.

ANSWER: **REM** sleep [or **rapid eye movement** sleep; prompt on sleep]

[10e] This Austrian psychologist conducted studies of patients' dreams and published them in *On the Interpretation of Dreams*, a founding work of psychoanalysis.

ANSWER: Sigmund **Freud**

[10h] Modern empirical studies of dreaming often use this technique to study brain activity during sleep. This technique measures blood flow to certain regions of the brain as a proxy for brain activity in those regions.

ANSWER: **fMRI** [or **functional MRI** or **functional magnetic resonance imaging**; prompt on MRI or magnetic resonance imaging]

<AJJ, Social Science - Psychology>

16. Philosophical treatments of this concept usually distinguish between its "natural" and "moral" types. For 10 points each:

[10e] Name this concept. The "problem of" this concept, which proposes that an omnipotent, omniscient, and omnibenevolent god would not allow it to exist, is a common atheist argument.

ANSWER: **evil** [accept natural **evil** or moral **evil** or the problem of **evil**]

[10m] One response to the problem of evil is that evil is a natural result of this concept. Compatibilism holds that this concept and determinism can both be true at the same time.

ANSWER: **free will**

[10h] This philosopher popularized the problem of evil in his *Dialogues Concerning Natural Religion*. In his *Enquiry Concerning Human Understanding*, he argued for compatibilism by defining necessity and liberty.

ANSWER: David **Hume**

<SB, Beliefs - Philosophy>

17. Six personal essays on isolation and living during a pandemic were published in this author's 2020 collection, *Intimations*. For 10 points each:

[10h] Name this British author who wrote about two biracial girls who meet at tap dance class in her novel *Swing Time*. In her novel *White Teeth*, Archie Jones meets his wife Clara Bowden at a New Year's party.

ANSWER: Zadie **Smith**

[10e] In *White Teeth*, Archie Jones befriends Samad Iqbal during this historical conflict. In another novel set during this conflict, the protagonist's family hides a Jewish man named Max Vandenburg from the Nazis.

ANSWER: **World War II** [or **WW2**; or **Second World War**]

[10m] The aforementioned novel is this Markus Zusak book. This novel is narrated by Death, who visits the title character, Liesel Meminger, at the end.

ANSWER: *The **Book Thief***

<AL, Literature - Long Fiction>

18. During the filming of this movie, Martin Sheen had an actual heart attack on set. For 10 points each:

[10m] Name this Vietnam War film whose difficult production was depicted in the documentary *Hearts of Darkness*. For one scene in this film, members of the crew intended to use real dead bodies.

ANSWER: *Apocalypse Now*

[10e] This actor played Colonel Kurtz in *Apocalypse Now*. He refused to accept the Academy Award he won for playing Vito Corleone in *The Godfather* due to the mistreatment of Native Americans in Hollywood.

ANSWER: Marlon **Brando**

[10h] In *Apocalypse Now*, this actor plays “Mr. Clean.” He lied about his age to begin filming at the age of fourteen, and is best known for his portrayal of a character who captains the hovercraft *Nebuchadnezzar*.

ANSWER: Lawrence **Fishburne**

<AJai, Pop Culture - Movies/TV>

19. These pathogens can be classified into seven groups according to the Baltimore system. For 10 points each:

[10e] Name these infectious agents that are composed of a protein coat encapsulating genetic material. Diseases caused by these agents include measles and COVID-19.

ANSWER: **viruses**

[10m] Oseltamivir is used to treat this other common viral disease, which is caused by a virus that expresses hemagglutinin and neuraminidase on its surface.

ANSWER: in**fl**enza

[10h] Viruses that infect bacteria are given this name. Examples of these viruses include T4 and lambda.

ANSWER: bacteri**o**phages

<RC, Science - Biology>

20. After being shipwrecked in Illyria, this play’s protagonist disguises herself as the servant Cesario to be able to work for Duke Orsino. For 10 points each:

[10m] Name this Shakespeare play, in which Lady Olivia attempts to marry Viola-disguised-as-Cesario, but actually marries Sebastian, Viola’s twin brother.

ANSWER: *Twelfth Night*

[10h] This man angrily listens to soldiers doubt their king in a Shakespeare play, though he is told to “take it for your own fault” since he was in disguise at the time. This man leads his “band of brothers” in battle with the French.

ANSWER: **Henry V** [prompt on partial, prompt on Harry, prompt on Harry La Roi; prompt on King of England]

[10e] A love potion makes Lysander fall for Helena and abandon Hermia after he is mistaken for Helena’s love Demetrius by the mischievous Puck in this Shakespeare play.

ANSWER: *A Midsummer Night’s Dream*

<PS, Literature - Drama>

21. Statues from this civilization were often sculpted with one foot in front of the other for stability, which may have inspired the *contrapposto* pose. For 10 points each:

[10h] Name this civilization. In August 2014, museum workers attempted to reattach the beard in a depiction of one ruler of this civilization, but the beard was left off-center and later had to be fixed with beeswax.

ANSWER: ancient **Egyptian** civilization

[10e] The aforementioned depiction is the mask of this boy Egyptian pharaoh, whose tomb was excavated by a team led by Howard Carter in 1922.

ANSWER: **Tutankhamen** [or King **Tut**]

[10m] In 1912, Ludwig Borchardt excavated a sculpture of this type depicting Nefertiti. The Egyptian government has demanded that the German government return that sculpture of this type to Egypt.

ANSWER: **bust** [accept **heads**]

<SF, Fine Arts - Sculpture>

22. Twelve states called *misls* were united by a monarch who followed this religion. For 10 points each:

[10m] That monarch was Ranjit Singh, the first maharaja of a Punjabi empire named for this religion, whose military was the Dal Khalsa.

ANSWER: **Sikhism** [or **Sikhi**; accept **Sikh** Empire]

[10h] Ranjit Singh rebuilt the Golden Temple, the most sacred site in Sikhism, which is located in this city. Reginald Dyer ordered a massacre in this city that caused Rabindranath Tagore to resign his knighthood.

ANSWER: **Amritsar** [or **Ramdaspur**]

[10e] Ranjit Singh captured Lahore from the Durrani Empire, which followed this religion. This is the majority religion in modern-day Afghanistan and Pakistan.

ANSWER: **Islam** [accept Sunni **Islam**]

<MP, History - World History>

23. In 1841, this element was first isolated by reducing one of its chlorides with potassium. For 10 points each:

[10m] Name this element that, until the late 19th century, was incorrectly believed to have an atomic mass of 120 amu. Roughly 99 percent of this element's natural occurrence is in its 238-isotope.

ANSWER: **uranium** [prompt on **U**]

[10e] Dmitri Mendeleev's work led to the correction of uranium's atomic mass. Mendeleev is the "father" of this diagram that orders the elements based on their properties, and begins with hydrogen.

ANSWER: **periodic table**

[10h] Uranium is a part of the actinide series, whose existence as a stand-alone period homologous to the lanthanides was posited by this scientist. This scientist was involved in the discovery of 10 transuranium elements.

ANSWER: Glenn T. **Seaborg**

<SF, Science - Chemistry>

24. Answer the following questions concerning Gold Rushes throughout the 19th century, for 10 points each.

[10e] A massive gold rush occurred when James Marshall found gold at Sutter's Mill in this state. That gold rush in this state ultimately led to its statehood as part of the Compromise of 1850.

ANSWER: **California**

[10m] In the 1880s, the rescue of a steamship near this South American archipelago led to a gold rush. Ferdinand Magellan led the first European expedition to these islands, and named them for the camps of the Yaghan people.

ANSWER: **Tierra del Fuego**

[10h] This country experienced scattered gold rushes throughout the 1850s, leading one city to be dubbed "marvellous." Miners in this country formed the Ballarat Reform League and revolted in the Eureka Stockade.

ANSWER: **Australia**

<JD, History - Other History>