

2022 ACF Fall

Packet F by Nebraska B, Purdue B, Florida A, TAMU A, Edinburgh

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Tossups

1. The title objects “rumble and roll” in a poem from this modern-day country that laments “our sons” being “merely buried amid the grass” and is titled “Song of the Wagons.” A poem from this country describes a promise to “meet again, deep in the Milky Way.” A time “while my hair was still cut straight across my forehead” is described by a speaker of a poem from this country that, despite not speaking the language, Ezra Pound attempted to translate. A poet from this country writes about looking up at the moon before “I lower my head / and think of home” in “Quiet Night Thought,” a poem noted for its adherence to filial piety (“PAI-ih-tee”). For 10 points, name this home country of Lǐ Bái.

ANSWER: **China** [or People’s Republic of **China** or **PRC** or **Zhōnghuá** Rénmín Gònghéguó; or **Zhōngguó**]
<World/Other Literature>

2. This thinker proposed the concept of *Gestell* (“geh-SHTELL”) as the basis of the title concept in a book that uses the example of a silver chalice to examine Aristotle’s four causes. This thinker contrasted an Ancient Greek temple with the painting “A Pair of Shoes” by Vincent van Gogh in his *On the Origin of the Work of Art*. *Sorge*, (“ZOR-guh”) or care, is the fundamental basis of being-in-the-world according to this thinker’s magnum opus, which explores the central concept of *dasein* (“DAH-zein”). This philosopher’s *Black Notebooks* decry Judaization, and his student Victor Farías accused him of Nazism. For 10 points, name this German philosopher who wrote *Being and Time*.

ANSWER: Martin **Heidegger**
<Philosophy>

3. This quantity is constant during the intake and exhaust strokes of the Otto cycle. On an airfoil, the “center” of this quantity is the location at which all aerodynamic forces can be represented as a force vector with no moment. For a real gas, the “effective” form of this quantity is the fugacity (“few-GASS-ih-tee”). The negative of this quantity’s integral with respect to volume gives the work done on a gas. This quantity remains constant during an isobaric (“ai-soh-BAIR-ick”) process. This quantity is inversely proportional to volume according to Boyle’s law. At standard conditions, this quantity has a value of one atmosphere. For 10 points, name this quantity measured in pascals, defined as force per unit area.

ANSWER: **pressure** [accept partial **pressure**; accept effective **pressure**; accept center of **pressure**; prompt on **P**]
<Chemistry>

4. In Noah Baumbach’s film *Marriage Story*, Adam Driver’s character sings this composer’s “Being Alive” at a bar. One of this composer’s characters is asked to “blow out the candles” and “want something” on his 35th birthday. “Color and Light” and “Finishing the Hat” are sung by the title character, a fictionalized Georges Seurat, in this composer’s Pulitzer Prize-winning *Sunday in the Park with George*. A man in another of this composer’s musicals, who is described with the line “his skin was pale and his eyes were odd,” kills customers at a store owned by his accomplice Mrs. Lovett to bake them into pies. For 10 points, name this composer of *Company* and *Sweeney Todd*.

ANSWER: Stephen **Sondheim** [or Stephen Joshua **Sondheim**]
<Other Fine Arts>

5. This taxonomic family has internal muscle structure in its syrinx, or vocal organ, unlike other members of the order Apodiformes (“uh-POD-ih-form-eez”). Members of this family have the highest concentration of red blood cells of any animal. The “calliope” (“kuh-LAI-uh-pee”) species of this family is the smallest long-distance migrant in the world, while the “ruby-throated” species of this family migrates across the Gulf of Mexico in one flight. This family has the fastest metabolic rate of any known vertebrate family, and its members have the ability to hover in place due to the rapid beating of their wings. For 10 points, the “bee” species of what family is the world’s smallest bird?

ANSWER: **hummingbirds** [or **Trochilidae**; accept specific species such as bee **hummingbird** or ruby-throated **hummingbird**; prompt on **birds** or **avians** or **Aves** until “birds” is read; prompt on **Apodiformes** until read]

<Biology>

6. Italy’s successful invasion of Libya inspired four countries in this region to form a “league” named for it; those countries gained territory in this region after the London Conference of 1912–1913. Otto von Bismarck apocryphally predicted that “some damn fool thing” in this region would cause the next great European war. The militant Black Hand based on this peninsula planned and orchestrated the 1914 assassination of an Austro-Hungarian official who visited the city of Sarajevo (“sar-uh-YAY-voh”). For 10 points, the July Crisis began after Franz Ferdinand was assassinated on what Eastern European peninsula that contains Bosnia and Serbia?

ANSWER: **Balkan** Peninsula [or **Balkans**; accept **Balkan** League or League of the **Balkans**; accept First **Balkan** War; accept **Rumelia**; prompt on Eastern **Europe** or Southeastern **Europe** until “European” is read]

<European History>

7. After giving this object to her lover Accolon, a woman plotted to murder her husband Urien in his sleep. This object was created on the Isle of Apples along with a counterpart that prevents wounds from bleeding. This object was summoned during a duel after King Pellinore was put to sleep. On his deathbed, a warrior at the Battle of Camlann ordered this object to be returned to the Lady of the Lake. This object is sometimes equated with one that Merlin placed in an anvil to identify the true heir to Uther Pendragon. For 10 points, name this mythical sword of King Arthur.

ANSWER: **Excalibur** [prompt on the **Sword in the Stone** by asking “what other object is it sometimes equated with?”; prompt on King Arthur’s **sword** until “sword” is read]

<Mythology>

8. A spaceport in this desert launched the first manned spaceflight outside the U.S. or U.S.S.R. This desert is home to a namesake subspecies of bear and the takhi, a wild horse alternatively named for Nikolay Przhevalsky (“nikolay cheh-VAHL-skee”). This desert’s fossil-rich Nemetg (“nem-egg”) Basin and Flaming Cliffs were the sites of the first discovered dinosaur eggs. Unlike an alleged “death worm,” wild Bactrian camels actually live primarily in this desert. The Taklamakan Desert is separated from this desert’s southwest by the Tiān Shān. This desert gives way to Manchurian steppes to its east. For 10 points, name this desert in Northern China and Southern Mongolia.

ANSWER: **Gobi** Desert [or **Gēbì**; accept **Gobi** bear]

<Geography>

9. In a play by this author, Horace inadvertently asks for help rescuing the main female protagonist from the very person confining her and, in an ironic turn, is later forced to marry Enrique’s daughter. That play by this author centers around Arnolphe’s attempt to groom Agnès to be the perfect wife. Another play by this author ends with a *deus ex machina* (“DAY-us ex MOCK-ee-nuh”) when an order from Louis XIV (“the fourteenth”) results in an arrest. In that play, this author played Orgon, who hides under a table to prove his daughter Elmire wrong about the title impostor. For 10 points, name this French playwright who wrote *The School for Wives* and *Tartuffe*.

ANSWER: **Molière** [or Jean-Baptiste **Poquelin**]

<European Literature>

10. An engagement in this present-day state was incited by a flag that featured a cannon and the phrase “Come and Take It.” This state was led by the empresario David G. Burnet. News of a defeat in this state was brought by Susanna Dickinson and led to the Runaway Scrape. Mirabeau (“MEER-uh-bo”) Lamar rose to prominence during a war in this state that ended with the two-part Treaties of Velasco. During a defense in this state, a line was apocryphally drawn in the sand by William Travis, after which he was killed alongside Jim Bowie and Davy Crockett. Santa Anna was captured in this state at the decisive Battle of San Jacinto, which secured this state’s independence from Mexico. For 10 points, name this state that was annexed as the “Lone Star Republic.”

ANSWER: **Texas** [or **TX**; accept Republic of **Texas** or República de **Tejas**] (The first sentence refers to the Battle of Gonzales.)

<American History>

11. This thinker wrote the introduction to *Facing Mount Kenya* and mentored Jomo Kenyatta at the London School of Economics. This thinker challenged Sigmund Freud’s contention that the Oedipus Complex was a universal phenomenon in *Sex and Repression in Savage Societies*. In a study by this thinker, taro, bananas, and palm were cultivated with the assistance of gardening spells he called “verbal acts.” This author of *Coral Gardens and Their Magic* described a gift economy based on the exchange of necklaces and bracelets in the Trobriand Islands. For 10 points, the “Kula Ring” was delineated by what Polish-British anthropologist who wrote *Argonauts of the Western Pacific*?

ANSWER: Bronisław **Malinowski** [or Bronisław Kasper **Malinowski**]

<Social Science>

12. Munich’s Glyptothek houses a sculpture taken from one of these buildings called the Fallen Warrior. Two figures fight in many of the 92 metopes (“MAY-toh-pays”) taken from the peristyle of one of these buildings. In another of these buildings, five of the original six Pentelic caryatids uphold a porch. The realist Severe style is displayed in the triangular pediments designed for one of these buildings by the Olympia Master. That one of these locations featured an enthroned, chryselephantine (“criss-ell-uh-FAN-teen”) statue by Phidias. The Elgin Marbles were looted from one of these buildings constructed in the Doric order. For 10 points, what kind of sacred buildings included the Athenian Parthenon?

ANSWER: ancient Greek **temples** [or ancient Greek **sanctuaries**; or **naós**; prompt on **Parthenon** before read; prompt on **Erechtheion**]

<Painting/Sculpture>

13. Values of this quantity are multiplied by angular velocity in Euler’s (“OY-ler’s”) equations to describe the motion of a rigid body. The largest and smallest eigenvalues of this quantity’s tensor correspond to stable axes according to the tennis racket theorem. That tensor is diagonalized into three principal values of this quantity in three-dimensional space. Different values of this quantity are related by the parallel axis theorem. This quantity multiplies angular velocity to give angular momentum. For a particle, this quantity is equal to mass times the square of displacement. For 10 points, a capital *I* symbolizes what quantity that is the rotational analogue of mass?

ANSWER: **moment of inertia** [or **rotational inertia** or mass **moment of inertia**; accept **rotational mass** or **angular mass** until the last line is read; prompt on **I**; reject “inertia”; reject “mass”]

<Physics>

14. The register of a type of these instruments is represented by “Gun Dun” (“goon doon”) notation. A type of these instruments is played by the Grammy Award-winning artist Zakir Hussain. They’re not singers, but musicians who play these instruments use *bols* in Hindustani music, which is analogous to the *konnakol* system used in Carnatic music. In Indian music, these instruments include the mridangam and tabla. Since leather cords on a type of these instruments allow it to mimic the human voice, it is called “talking.” The *macho* and *hembra* of one of these instruments are played with bare hands striking calfskin tops. For 10 points, name these instruments that include the djembe and bongos.

ANSWER: **drums** [prompt on percussion; accept **pakhawaj**; accept **tablas** or **mridangams** or **djembes** or **bongos** until each is read; accept talking **drums**]

<Classical Music>

15. This city led the Amphictyonic (“am-FICK-tee-on-ick”) League when it imposed a large fine on Phocis that caused the Third Sacred War. After this city was destroyed by Alexander the Great for resisting him, Cassander rebuilt its citadel in 316 BCE. Before he died at Mantinea, the general Epaminondas (“ih-pam-ih-NON-duss”) led this city’s armies to victory against Sparta at the Battle of Leuctra. This city, which Homer referred to as “seven-gated,” led the Boeotian (“bee-OH-shun”) League. At the Battle of Chaeronea (“CARE-oh-NAY-uh”), Philip the Great defeated this city’s most elite troops, which consisted of 150 pairs of male lovers. For 10 points, name this ancient Central Greek city, which was home to the Sacred Band and legendarily founded by Cadmus.

ANSWER: **Thebes** [or **Thêbai** or **Thîva**; accept Sacred Band of **Thebes**]

<Other History>

16. This religion teaches that all animals are descended from the primordial bovine Gavaevodata (“gav-EE-vo-dah-tah”), which is recounted in an encyclopedia of cosmogony called the *Bundahishn*. According to this religion, the Saoshyant (“SAO-syunt”) will appear at the end of the world to destroy all evil. This religion contrasts “the lie,” or druj, with the righteous concept of asha. In the yasna ceremony, members of this religion recite from the Avesta. Members of this religion expose their corpses to the elements and vultures on Towers of Silence and worship in fire temples. For 10 points, the benevolent Ahura Mazda battles the evil Angra Mainyu in what ancient dualistic Persian religion?

ANSWER: **Zoroastrianism** [or **Zarathustrism** or **Mazdayasna**; accept **Parsis**]

<Religion>

17. Supporters of this institution revolted against Mexican president Plutarco Elías Calles (“KAI-ace”) after he signed a namesake law attempting to curb its influence. Guerrilla soldiers during the Salvadoran Civil War assassinated this institution’s member Oscar Romero. The Mexican War of Independence began with the Cry of Dolores delivered by a member of this institution named Miguel Hidalgo. The Treaty of Tordesillas (“TORE-day-see-yahss”) was ratified by this institution’s then-leader Julius II. Many Latin American members of this institution were early proponents of its doctrine of liberation theology. For 10 points, what institution is currently led by the Argentine Pope Francis?

ANSWER: **Catholic** Church [or Roman **Catholic** Church; or Ecclesia **Catholica**; prompt on the **Church**; prompt on **pope** or **papacy** or **pontiff** or **pontifex** maximus or **papa** until “pope” is read by asking “what institution does he lead?”]

<World History>

18. The protagonist of this play decides to plant a garden after realizing that he “don’t have a thing in the ground.” A character in this play is disappointed that his former employer Bill Oliver didn’t recognize him. That character in this play angrily burns his “University of Virginia” sneakers after a visit to Boston. In a dream sequence, a character in this play is told by his brother Ben that “the jungle is dark but full of diamonds.” When Charley gives this play’s protagonist money to pay off an insurance premium, he cryptically declares that a man is sometimes worth “more dead than alive.” For 10 points, Biff appears in what Arthur Miller play that ends with the suicide of Willy Loman?

ANSWER: *Death of a Salesman*

<American Literature>

19. This word is prefaced with “dual” to describe network devices that support both IPv4 and IPv6. The acronyms MEAN and LAMP refer to collections of tools with this name, which are used for building applications. In Java, runtime errors are accompanied by printing a trace of a structure of this name that stores return addresses. This term is prefaced with “full” to refer to both front- and back-end development. A popular Q&A website is named for a situation that can stem from infinite recursion or running out of memory, these structures’ namesake “overflow.” For 10 points, the term “last in, first out” is commonly applied to what data structures?

ANSWER: stack [accept Stack Overflow; accept full-stack; accept call stack; accept dual-stack; accept technology stack]

<Other Science>

20. A closet drama by this author ends with the Demogorgon proclaiming, “Good, great and joyous, beautiful and free / This is alone life, Joy, Empire, and Victory.” A poem by this author asks the title creature to “teach me half the gladness / That thy brain must know.” That poem by this author opens “hail to thee, blithe Spirit!” In another poem by this author of *Prometheus Unbound*, a traveler speaks about “a shattered visage” with a “sneer of cold command” and “Two vast and trunkless legs of stone” in the desert. A poem by this author includes a command to “look on my Works, ye Mighty, and despair!” For 10 points, name this English Romantic poet of “To a Skylark” and “Ozymandias” (“ah-zee-MAN-dee-us”).

ANSWER: Percy Shelley [or Percy Bysshe Shelley]

<British Literature>

Bonuses

1. This mathematician proved the Theorema Egregium, which states that his namesake curvature only depends on the distance on a surface. For 10 points each:

[10h] Name this mathematician who also proved the law of quadratic reciprocity.

ANSWER: Carl Friedrich **Gauss** [or Johann Carl Friedrich **Gauss** or Carolus Fridericus **Gauss**; accept **Gaussian** curvature]

[10e] *Two answers required.* As a teen, Gauss proved that one could construct a regular 17-gon using these two tools. One of these tools is used to draw circles, while the other is used to draw lines.

ANSWER: **compass** AND **straightedge** [accept **ruler** in place of “straightedge”; accept answers in either order]

[10m] Gauss coined this term for geometries, including hyperbolic and spherical, in which the sum of the angles of a triangle do not always add up to 180 degrees, unlike in plane geometry.

ANSWER: **non-Euclidean** geometries

<Other Science>

2. Two green depictions of these animals flee from a “flaming sorrow” in the upper left of the painting *The Fate of the Animals*. For 10 points each:

[10h] Name these animals that were the obsession of Franz Marc, who painted four of them blue in a large canvas housed at the Walker Art Center.

ANSWER: **horses** [or **equids** or **equines**; or *Equus ferus caballus*; accept **mares** or **stallions** or **fillies** or **geldings** or other classes of horse; accept **pony**; accept *Blue Horses* or *Die grossen blauen Pferde*]

[10m] This artist claimed he and Marc bonded in a cafe over a love of blue things, like his painting *The Blue Rider*. This Russian painter’s “Improvisations” and “Compositions” featured geometric shapes against a white background.

ANSWER: Wassily **Kandinsky** [or Wassily Wassilyevich **Kandinsky**]

[10e] Expressionists from the Blue Rider and Bridge movements studied the emotion in this earlier artist’s *Frieze of Life* series. This Norwegian artist depicted a man gripping the sides of his face against an orange sky in *The Scream*.

ANSWER: Edvard **Munch**

<Painting/Sculpture>

3. In this country, Myles Sanderson died in police custody in September 2022 after he was arrested for the stabbing deaths of nine Cree Nation members. For 10 points each:

[10e] Name this North American country where many Indigenous peoples are categorized as First Nations. Pope Francis apologized for abuses at residential schools in this country during a 2022 tour that visited Nunavut.

ANSWER: **Canada**

[10h] Some Canadian events have adopted these statements to indicate the unceded status of most of the country. These statements list the names of the tribes who traditionally resided where the event is taking place.

ANSWER: **land acknowledgements** [or **territory acknowledgements**]

[10m] Francis apologized in this province, where indigenous residents have faced environmental degradation due to oil extraction from this province’s Athabasca tar sands. The 2016 Fort McMurray fire began in this prairie province.

ANSWER: **Alberta** [or **AB**]

<Current Events>

4. The knight Götz von Berlichingen (“guts fon BAIR-lish-ing-en”), who fought in this conflict, wore a prosthetic arm. For 10 points each:

[10h] Name this 1524-1525 revolt that was put down by the Swabian League. Thomas Müntzer, a Reformation preacher who led this revolt, was captured after the Battle of Frankenhausen.

ANSWER: German **Peasants’ War** [or **German Peasants’ Revolt**; or **Great Peasants’ War**; or **Great Peasants’ Revolt**; or Deutscher **Bauernkrieg**; prompt on **Peasants’ Revolt**]

[10e] This author condemned the German Peasants’ Revolt in *Against the Murderous, Thieving Hordes of Peasants*. This theologian’s publication of the *Ninety-Five Theses* sparked the Protestant Reformation.

ANSWER: Martin **Luther**

[10m] In 1521, Luther defended his writing against Johann Eck during an imperial diet held in this city. In an edict named for this city, Charles V declared Luther an outlaw.

ANSWER: **Worms** (“VURMS”) [accept Diet of **Worms** or Reichstag zu **Worms**; accept Edict of **Worms** or **Wormser** Edikt]

<European History>

5. This author’s most recent novel takes its title from a Friedrich Schiller poem that was set to music by Franz Schubert. For 10 points each:

[10h] Name this author of *Beautiful World, Where Are You*. In another novel by this author, the wealthy Marianne begins an on-again, off-again relationship with Connell, the son of her family housekeeper.

ANSWER: Sally **Rooney**

[10e] In Sally Rooney’s *Normal People*, Connell and Marianne reconnect after attending Trinity College in this city. Short stories like “Araby” and “The Dead” are part of a short story collection named for this city by James Joyce.

ANSWER: **Dublin** [accept Trinity College **Dublin**; accept **Dubliners**]

[10m] Connell attempts to pursue this profession at the end of *Normal People*. In *Little Women*, Jo initially wants to take up this profession before becoming a teacher.

ANSWER: **author** [or **writer**; accept short story **writer**; accept **novelist**; accept **playwright**]

<British Literature>

6. In cultural anthropology, Edward Burnett Tylor pioneered a theory of this name that holds that cultures universally become more “intelligent” over time. For 10 points each:

[10e] Name this process that influenced a school of anthropology often contrasted with diffusionism. Charles Darwin theorized that this process occurs through natural selection.

ANSWER: **evolution** [accept **evolutionism**]

[10m] The diffusionist approach was developed by Franz Boas, who established this view that anthropologists should not make normative judgments of other cultures based on the values of their own cultures.

ANSWER: cultural **relativism** [or cultural **relativity**]

[10h] This anthropologist argued that Tylor’s “general evolution” accompanies “specific evolution” caused by interactions between cultures. This author included “The Original Affluent Society” in *Stone Age Economics*.

ANSWER: Marshall **Sahlins** [or Marshall David **Sahlins**]

<Social Science>

7. This quantity determines the angles of incidence and refraction when light passes through an interface. For 10 points each:

[10e] Name this quantity, the ratio of the speed of light in a material to the speed of light in the bordering medium.

ANSWER: **refractive index** [or **index of refraction**; prompt on **IOR**; prompt on *n*]

[10m] When the difference in refractive index between two media is large enough, this phenomenon may occur instead of refraction. This phenomenon is used in fiber optic cables to confine light to the center of the fiber.

ANSWER: **total internal reflection** [or **TIR**; reject “reflection”]

[10h] When expressed as a complex number, the imaginary part of the refractive index describes this process, which is the gradual loss in flux intensity as light travels through a medium.

ANSWER: **attenuation** (“uh-ten-yoo-AY-shun”) [or word forms like **attenuate**]

<Physics>

8. This country is the site of the Taizé (“tah-ZAY”) Community, an ecumenical site known for its innovative worship practices. For 10 points each:

[10e] Name this country, the site of a Marian apparition in Lourdes and the Notre-Dame cathedral.

ANSWER: **France** [or **French** Republic or République **française**]

[10m] The founder of France’s Taizé Community, Brother Roger, was from this other country. This country was the birthplace of theologian Karl Barth and the Protestant reformer Huldrych Zwingli.

ANSWER: **Switzerland** [or **Swiss** Confederation; or der **Schweiz** or **Schweizerische** Eidgenossenschaft or Confédération **suisse** or Confederazione **Svizzera** or Confederaziun **svizra**]

[10h] France is the site of this religion’s Plum Village community. Plum Village hosts yearly three-month “rains retreats,” which are sometimes referred to as this religion’s version of Lent.

ANSWER: **Buddhism** [or word forms like **Buddhist**; accept **Zen** Buddhism; accept **Theravāda** Buddhism; accept **Buddhist** Lent] (Vassa is called “Buddhist Lent.”)

<Religion>

9. Answer the following about the Jin Dynasty, one of the dynasties most neglected in common narratives of Chinese history, for 10 points each.

[10e] The Jin Dynasty was founded when Emperor Wǔ ended this period of Chinese history named for the states of Shǔ Hàn, Wèi, and Wú. This period names a “Romance” that is one of the Four Classics of Chinese literature.

ANSWER: **Three Kingdoms** [or **Sānguó** Shídài; accept *Romance of the **Three Kingdoms*** or **Sānguó** Yǎnyì]

[10h] The Jin Dynasty was ruled by kings with this family name. A historian with this family name and given name Qiān wrote *Records of the Grand Historian* in the Hàn Dynasty.

ANSWER: **Sīmǎ** [accept **Sīmǎ** Qiān]

[10m] After Luòyáng, this city was the final capital of the Western Jin and is the modern capital of Shǎnxī (“SHAHN-shee”). This capital of the Western Hàn and Táng dynasties is the major city closest to the Terracotta Army.

ANSWER: **Xī’ān** (“SHEE-ahn”) [accept **Cháng’ān**]

<Other History>

10. The last part of this novel, "Fate," focuses on conversations between the protagonist and his communist lawyer Boris Max. For 10 points each:

[10m] Name this novel that reflects on systemic racism through its protagonist, who is sentenced to death for murdering Mary Dalton and Bessie.

ANSWER: **Native Son**

[10h] *Native Son* is described as "Everybody's Protest Novel" in an essay from this author's collection *Notes of a Native Son*.

ANSWER: James **Baldwin** [or James Arthur **Baldwin**]

[10e] *Native Son* author Richard Wright wrote a collection titled for this character's "children." This title character of an anti-slavery Harriet Beecher Stowe novel is killed by the overseer Simon Legree.

ANSWER: Uncle **Tom** [accept *Uncle Tom's Children*; accept *Uncle Tom's Cabin* or *Uncle Tom's Cabin; or; Life Among the Lowly*]

<American Literature>

11. This composer used a long, high string harmonic E in his piece "From My Life" to represent his deafness. For 10 points each:

[10h] Name this composer whose theme in a movement titled "Moldau" was taken from the Italian song "La Mantovana."

ANSWER: Bedřich **Smetana** ("Moldau" is a movement from *Má vlast*.)

[10m] Smetana claimed this other Czech composer's opera *King and Charcoal Burner* was unperformable. *The Song of Hiawatha* inspired this composer's last symphony, which quotes the spiritual "Swing Low, Sweet Chariot."

ANSWER: Antonin **Dvořák** ("D'VOR-zhahk") [or Antonín Leopold **Dvořák**]

[10e] Smetana's "From My Life" is written for this ensemble that consists of two violinists, a violist, and a cellist. Fellow Czech composer Leoš Janáček's ("LEH-ohsh YAH-nah-check's") second piece for this ensemble is subtitled "Intimate Letters."

ANSWER: **string quartet**

<Classical Music>

12. This structure created a reservoir that is one of the largest man-made lakes in the world and is named for the leader who constructed it. For 10 points each:

[10h] Name this structure designed by the Soviet Hydroproject Institute. The USSR funded the completion of this project after the United States pulled funding for it in response to its home country's formal recognition of China.

ANSWER: **Aswan** High Dam [prompt on high **dam**]

[10e] After America withdrew funding for the Aswan High Dam, this canal that connects the Red Sea to the Mediterranean was nationalized. The UK and France briefly seized this structure during its namesake "crisis."

ANSWER: **Suez** Canal [or Canāt el **Sewes**; accept **Suez** Crisis or **Suez** Canal Crisis]

[10m] This president of Egypt, who led the 1952 revolution that toppled the Egyptian monarchy, built the Aswan High Dam and nationalized the Suez Canal Company.

ANSWER: Gamel Abdel **Nasser** [or Gamal Abdel **Nasser** Hussein; prompt on **Hussein**]

<World History>

13. In her essay “Visual Pleasure and Narrative Cinema,” Laura Mulvey holds that this film’s protagonist explicitly represents the voyeuristic gaze of the audience. For 10 points each:

[10m] Name this film in which James Stewart plays a photojournalist who rebreaks his legs after falling out of his apartment at the end.

ANSWER: **Rear Window**

[10e] *Rear Window* is one of many classic films directed by this English-American “Master of Suspense,” whose other early thrillers include *Rope*, *Marnie*, and *Vertigo*.

ANSWER: Alfred **Hitchcock** [or Sir Alfred Joseph **Hitchcock**]

[10h] Similar to Mulvey, this director claimed that “the binoculars stand for the camera” in his review of *Rear Window*. This director published a book of his interviews with Hitchcock in which they discussed his own film *Jules and Jim*.

ANSWER: François **Truffaut** [or François Roland **Truffaut**; accept *Hitchcock/Truffaut*]

<Other Fine Arts>

14. A song set in this country that describes a “jumbuck” who came to “drink at the billabong” is titled “Waltzing Matilda.” For 10 points each:

[10e] Name this country that was home to “bush bards” like Banjo Paterson. Henry Lawson wrote about a region of this country in his poem “The Outback.”

ANSWER: **Australia** [or Commonwealth of **Australia**]

[10h] This Australian novelist wrote about the outlaw Ned Kelly in *The True History of the Kelly Gang*. He also wrote a novel about a bet between an Anglican priest and an Australian heiress.

ANSWER: Peter **Carey** [or Peter Philip **Carey**] (The unnamed novel is *Oscar and Lucinda*.)

[10m] In Carey’s *Oscar and Lucinda*, the title characters bet on whether Oscar would be able to transport a church made of this material. In a play by a different author, Laura Wingfield cares for figurines made of this material.

ANSWER: **glass** [accept a **glass** church; accept *The Glass Menagerie*] (Tennessee Williams wrote *The Glass Menagerie*.)

<World/Other Literature>

15. An online “employee training” for this restaurant chain strongly prohibits opening unknown boxes from its oddly secured shipping system. For 10 points each:

[10m] Name this Chilean food chain that uses the slogan “taste the family.” This fictional New Mexico-based restaurant chain was founded by Max Arciniega and Gustavo Fring, who is played by Giancarlo Esposito.

ANSWER: Los **Pollos Hermanos**

[10e] Los Pollos Hermanos appears in this spin-off of *Breaking Bad*, in which Bob Odenkirk plays a Cinnabon manager under the alias Gene Takovic (“gene tack-oh-vitch”) remembering his time as a crooked lawyer.

ANSWER: **Better Call Saul**

[10h] On *Breaking Bad*, Albuquerque’s El Michoacán (“meech-wah-KAH-noh”) restaurant is run by this family, which included several Cartel members like Tuco and Lalo. This family’s patriarch Hector communicates with a bell attached to a wheelchair.

ANSWER: **Salamanca** [or the **Salamanca**s; accept Joaquin **Salamanca**; accept Lalo **Salamanca**; accept Hector **Salamanca**]

<Pop Culture>

16. Due to its high electronegativity, this halogen reacts with all other elements except for neon and helium. For 10 points each:

[10e] Name this lightest halogen, whose atomic number is 9.

ANSWER: **fluorine** [or **F**]

[10m] Fluorine clocks in at 4.0 on the electronegativity scale named after this chemist, who proposed an incorrect triple-helix model of DNA in 1953.

ANSWER: Linus **Pauling** [or Linus Carl **Pauling**; accept **Pauling** scale]

[10h] This fluorine-containing compound is used in high-voltage switchgear and is the most potent known greenhouse gas. In a common demonstration, this hypervalent compound is inhaled to deepen the voice.

ANSWER: **sulfur hexafluoride** [or **SF₆**]

<Chemistry>

17. According to Nonnus, this man's beauty was derived from the eternally sleeping shepherd Endymion, who unknowingly sired him and 50 daughters with Selene. For 10 points each:

[10e] Name this hunter who rejected the love of Echo, a nymph who could only repeat the words of others. As punishment, this man was cursed to fall in love with his own reflection.

ANSWER: **Narcissus**

[10m] In another version of her myth, Echo's remains are scattered when this jealous god tears her apart. King Midas was given donkey ears for declaring this god the winner of a contest.

ANSWER: **Pan** [reject "Faunus"]

[10h] After Echo was torn apart by Pan, this goddess hid her remains to preserve the nymph's song. The half-snakes Cecrops and Erichthonius, two early kings of Athens, were autochthonous ("aw-TOCK-thun-us") sons of this goddess.

ANSWER: **Gaia** [or **Gaea**]

<Mythology>

18. This newspaper brought the white southern abolitionist Angelina Grimké ("GRIM-key") to prominence when it published one of her letters. For 10 points each:

[10h] Name this Boston-based newspaper co-founded by Issac Knapp and a man who advocated for "immediate emancipation."

ANSWER: *The **Liberator***

[10m] This other founder of *The Liberator* was a staunch abolitionist who referred to the Constitution as a "Covenant with Death, an Agreement with Hell" before burning a copy.

ANSWER: William Lloyd **Garrison**

[10e] Garrison wrote the preface to this man's autobiography, a slave narrative. *The Liberator* inspired this man to found his own newspaper, *The North Star*.

ANSWER: Frederick **Douglass** [accept Frederick Augustus Washington **Bailey**; accept *Narrative of the Life of Frederick **Douglass**, an American Slave*]

<American History>

19. Two blind monks describe this color as tasting like meat and smelling like daisies before ultimately concluding that it is impossible to explain this color to someone who cannot see. For 10 points each:

[10h] Identify this color, the name of a narrator “that has been everywhere and is everywhere” in a novel partly titled for this color, which opens with a narration from the afterlife by Elegant Effendi.

ANSWER: **red** [accept *My Name Is Red* or *Benim Adım Kırmızı*]

[10m] *My Name Is Red* is a novel by this author, who also wrote *The Museum of Innocence* and *Snow*.

ANSWER: Orhan **Pamuk**

[10e] In *Snow*, the radical Blue is revealed to have been romantically involved with both Ipek and Kadife, who have this relation. Authors Anne, Emily, and Charlotte Brontë had this relation in real life.

ANSWER: **sister**s [prompt on **siblings**]

<European Literature>

20. These animals first appeared during the Cambrian (“KAM-bree-un”) period and diversified greatly during the Devonian period. For 10 points each:

[10e] Name these aquatic vertebrates that may be cartilaginous (“car-tuh-LAD-jin-us”) or bony. Most species possess gills and fins.

ANSWER: **fish** [accept bony **fish**; accept **Actinopterygii**]

[10m] An extinct group of armored fish known as placoderms were among the first fish to possess this structure. Hagfish and lampreys are the only modern-day fish to lack this structure.

ANSWER: **jaw** [accept **jawbone**; accept **jawed** fish or **Gnathostomata**]

[10h] During this period that directly followed the Devonian, cartilaginous fishes such as sharks greatly diversified. This period is subdivided into the Mississippian and Pennsylvanian.

ANSWER: **Carboniferous** period

<Biology>