

1. **Councilman bodies can form when parenchymal cells in this organ begin expanding upon induced apoptosis. Clotting in this organ can result in Budd-Chiari syndrome. This organ contains specialized cells that store vitamin A as retinol ester which are referred to as either its namesake stellate cells or as Ito (ee-TOE) cells. Lactic acid is moved to this organ for (\*) the gluconeogenesis portion of the Cori cycle. Star-shaped macrophages that line this organ's sinusoids are called Kupffer cells. Deoxygenated blood is brought to this organ through the splenic-mesenteric confluence also known as the portal vein. For 10 points, name this large organ that creates bile and is damaged in diseases like alcoholic cirrhosis.**

ANSWER: **liver**

< Michael Etzkorn | *Biology* >

2. **In one poem by this author, the speaker notes that all we “know for truth” is that “wine comes in at the mouth and love comes in at the eye.” The speaker of another poem by this author believes that “no likely end” could bring the sense of loss to “Kiltartan's poor.” This author of “A Drinking Song” imagined “the burning roof and tower and (\*) Agamemnon dead” in a poem that begins by describing “great wings beating” above a “staggering girl.” The speaker of another poem by this author states that “an aged man is but a paltry thing” before describing the title location as “no country for old men.” For 10 points, name this Irish poet of “Leda and the Swan” and “Sailing to Byzantium.”**

ANSWER: William Butler **Yeats** (the second sentence is “An Irish Airman Foresees His death”)

< Mitch McCullar | *Non-Epic Poetry* >

3. **One artist from this movement painted a baby cub wistfully gazing out into the forest while standing upright on a broken tree in *Morning in a Pine Forest*. Ivan Shishkin was a member of a Russian sect of this art movement known as Peredvizhniki or The Wanderers. An artist from this movement painted a horrified (\*) Ivan the Terrible cradling his dying son. A French painter from this worldwide art movement paints a landscape while a nude model and a boy watch on in *The Painter's Studio*. This was the more general art movement of the Barbizon school. For 10 points, name this art movement which sought to depict subjects as true to form as possible without artistic interpretation.**

ANSWER: **Realism** [prompt on naturalism; prompt on The Wanderers or Peredvizhniki or Itinerants before mentioned with “What general movement were they a part of?”, prompt on Barbizon school before mentioned with “What general movement was that school a part of?”]

< Iain Carpenter | *Painting and Sculpture* >

4. **In the Halitzah ritual, one of these objects can be thrown on the ground by a childless widow to avoid levirate marriage. These items are not used during Tisha b'Av and Yom Kippur if they contain leather and these objects are not worn by mourners sitting near Shiva. Cohanim remove these items outside the (\*) sanctuary before going in to recite the priestly blessing. The Shulchan Aruch says these items should be put on right to left, but should be tied left to right. During Purim, Haman's name is written on the sole of, for 10 points, what clothing item typically worn while stepping on the glass during a Jewish wedding?**

ANSWER: **shoes** [accept **footwear**]

< Nathan Fredman | *Religion* >

5. **An offshoot of this event in England resulted in the publication of the Norman Anonymous treatises and was resolved by the Concordat of London. The central monarch in this event was forced to address it following a revolt started at the First Battle of Langensalza. Matilda of Tuscany refused to open her gates for one central figure in this event. This event was resolved with the (\*) Concordat of Worms, which stated that a man could grant power “by the lance” but not “by ring and staff.” One figure in this event was forced to march barefoot through the snow in a hair shirt during the Walk to Canossa. Emperor Henry IV was excommunicated by Pope Gregory VII in, for 10 points, what medieval controversy over who had the power to appoint local church officials.**

ANSWER: **Investiture Controversy** [accept **Investiture Contest**]

< Patrick Minsker | *European History* >

6. **George S. Caitlin is best known for paintings of this ethnic group. After getting into a car accident and losing the ability to play trumpet, R. Carlos Nakai, a musician of this ethnicity, began playing the traditional cedar flute. A dancer of this ethnicity played the Sugar Plum Fairy in the 1954 production of *The Nutcracker* which was choreographed by (\*) her husband George Balanchine. Dancers bend their knees to the beat of a drum in a circle dance spread by people of this ethnicity, which was believed to call on the spirits of ancestors to help drive back colonists. Many variants of the Ghost Dance were created by, for 10 points, what ethnic group that included Maria Tallchief?**

ANSWER: **Native American** [accept American-**Indian**; accept **indigenous Americans**; accept **Apache**; accept **Plains Indians**; accept **Lakota**; accept Nevada Northern **Paiute**; accept **Navajo**; accept **Ute**; prompt on **American**]

< Michael Etzkorn | *Other Fine Arts* >

7. **One story by this author ends with a “bright boy” finding a fully clothed man lying on top of a bed at Hirsch’s boarding house. A character created by this author wonders why all the grasshoppers have turned black before (\*) fishing for trout. In a story by this author, a recurring character is tied up by the hitmen Max and Al who are looking for the former boxer Ole Andreson. This author’s character Nick Adams appears in his short stories “The Big Two-Hearted River” and “The Killers.” For 10 points, name this American author who wrote about Santiago ending his dry-spell by catching a large Marlin in the short novel *Old Man and the Sea*.**

ANSWER: Ernest (Miller) **Hemingway**

< Mitch McCullar | *Short Fiction* >

8. **Some of the reforms following this event include instituting mandatory conscription, and the extension of the right to bear arms to all men. The government formed in the wake of this event used the slogan “enrich the country, strengthen the military” to facilitate its rise as a military power. This event began with the revolt of Chōshū and Satsuma known as the (\*) Boshin war. This event resulted in a revolt of samurai led by Saigo Takamori that was defeated at the battle of Shiroyama. The central figure in this event issued the Charter Oath, and its namesake constitution was drafted by Ito Hirobumi. For 10 points each, name this event that restored Japanese imperial power under the namesake emperor, ending the Tokugawa shogunate.**

ANSWER: **Meiji** Restoration [accept **Meiji** Period, **Meiji** Renewal, or other obvious equivalents]

< Patrick Minsker | *World History* >

9. **This element is used in one reaction that converts ketones and aldehydes to alkenes through an intermediate hydrazone known as the Shapiro reaction where it appears in its n-butyl form. This is the lighter of the two metals in a reagent that is used to perform 1,4 addition over the more standard 1,2 addition. This element and (\*) copper are present in Gilman reagents. A powerful reducing agent uses aluminum hydride paired to this element. Along with strontium, this element gives a crimson flame test. This element can be used to treat symptoms of bipolar disorder. For 10 points, name this lightest alkali metal.**

ANSWER: **lithium**

< Dylan Bowman | *Chemistry* >

10. *Description Acceptable.* **This concept is contrasted with the idealism of sociology created by the mysticism of Comte in a work by Cliff Slaughter titled for this concept and its formulator. Vladimir Lenin believed that “new” arguments for Social-Democracy made this concept impossible because they sought peace rather than justice which he outlined in his treatise “What Is to (\*) be Done?”** Another thinker argued that through this concept, a certain group gains the weapons and experience necessary to fight off antagonism. That same man gave examples of this concept throughout history, such as between lords and serfs or patricians and plebeians. For 10 points, name this general type of conflict which Karl Marx described between a rich and poor group.

ANSWER: **class struggle** [accept equivalents such as **social class conflict**; accept anything talking about the tension between the **proletariat** and **bourgeoisie**; prompt on anything mentioning **revolution** with “Who is revolting against whom?” prompt on social **class**]

< Ethan Ashbrook | *Philosophy* >

BONUSES:

1. The Rayleigh form of these events can explain why the sky is blue. For 10 points each:

[10] Name these events where a particle deviates from its trajectory -- often due to particle collisions.

ANSWER: **scattering** [accept answers of two particles colliding then **scattering**]

[10] Rayleigh scattering is contrasted with this inelastic form of scattering that has Stokes and Anti-Stokes outcomes.

ANSWER: **Raman** scattering [or **Raman** interaction; accept **Raman** effect]

[10] This unit of area is commonly used when measuring the cross-sections of scattering processes. This unit is equal to 10 to the negative 28 meters squared -- roughly the cross-section of a uranium nucleus.

ANSWER: **barns**

< Michael Etzkorn | *Physics* >

2. After this man's death, Abner proclaimed his son Ish-Bosheth as king for two years, after which he was deposed by his brother-in-law. For 10 points each:

[10] Name this son of Kish who served as the first king of the Israelites and died with his three sons and armor-bearer at Mount Gilboa.

ANSWER: **Saul**

[10] King Saul was the father-in-law of this other king of Israel, whom Saul made gather hundreds of foreskins in order to marry his daughter Michal. This man is more famous for slaying a giant soldier with a slingshot and stone.

ANSWER: **David**

[10] This grandson of David was the last ruler of a united Israel and Judah. After his father Solomon died, this man tried to calm the Israelites down by proclaiming "Whereas my father chastised you with whips, so shall I chastise you with scorpions."

ANSWER: **Rehoboam**

< Jonathan Lau / Brad McLain | *Mythology, Stories, and Legends* >

3. This affair helped contribute to the election of Woodrow Wilson as president. For 10 points each:

[10] Name this controversy over the sale of Alaskan coal fields that split the Republican party prior to the 1912 election. It primarily concerned the US forest service chief and the secretary of the Interior.

ANSWER: **Ballinger-Pinchot** Affair

[10] Gifford Pinchot was appointed US forest service chief by this conservationist president. The affair prompted this man to run under the Bull Moose party in 1912.

ANSWER: **Theodore Roosevelt** [accept **Teddy Roosevelt**, prompt on **Roosevelt**]

[10] Theodore Roosevelt toured Yosemite with this Scottish naturalist. This man helped establish Yosemite national park and co-founded the Sierra club.

ANSWER: John **Muir**

< Patrick Minsker | *American History* >

4. This essay notes how its author attempts to write for democratic socialism and against totalitarianism. For 10 points each:

[10] Name this 1946 essay that claims all writers' motives stem from sheer egoism, aesthetic enthusiasm, historical impulse, and political purpose. This essay explains the author's mix of detailed descriptions with purple passages in novels like *Keep the Aspidochelone Flying*.

ANSWER: "**Why I Write**"

[10] This other essay by the same author analyzes clashing images in the sentence that begins, "The Fascist octopus has sung its swan song." This 1946 essay criticizes overly jargony prose that makes use of "dying metaphors and "verbal false limbs."

ANSWER: "**Politics and the English Language**"

[10] This author wrote "Politics and the English Language" and "Why I Write." This English author voiced his concerns of political dogmatism in his novel *1984*.

ANSWER: George **Orwell** [accept Eric Arthur **Blair**]

< Michael Etzkorn | *Misc Literature* >

5. This quantity measures how much consumers are willing to buy at a particular price. For 10 points each:

[10] Name this quantity whose price elasticity is usually negative. It is usually contrasted with supply.

ANSWER: **demand** [or quantity **demanded**]

[10] The price elasticity of demand is positive for this type of good named for a Scottish economist. In this type of inferior good, the income effect is greater than the substitution effect.

ANSWER: **Giffen** goods

[10] *Description acceptable.* Giffen goods are inferior goods, which means that they have this relationship with income. The price of a good and the demand of a complementary good have this relationship with each other.

ANSWER: **inverse** [accept descriptions of "**inversely** proportional" such as "**one** going **up** when the **other** goes **down**"]

< Sarod Nori | *Social Science* >

6. Backlash over the Trisakti shootings and a 1997 financial crisis lead to this man's resignation. For 10 points each:

[10] Name this longtime dictator and leader of the "New Order" movement who overthrew Sukarno in 1965.

ANSWER: **Suharto**

[10] Suharto was the leader of this former Dutch colony with capital Jakarta.

ANSWER: **Indonesia**

[10] Suharto perpetrated the Santa Cruz massacre against protesters lobbying for the independence of this former Portuguese colony. This country finally gained its independence in 2002.

ANSWER: **East Timor** [accept **Timor-Leste**]

< Patrick Minsker | *World History* >

7. This musical genre was commonly played on the streets by a trio of musicians on flute, clarinet, and cavaquinho (“kuh-vuh-KEEN-yoo”). For 10 points each:

[10] Name this genre of music that inspired a composer to compose a collection of 14 pieces including “Rasga o curaçao” (“HOSS-guh oh koo-ruh-SOW”) which are titled for this genre.

ANSWER: **choros** (“SHOW-roos”)

[10] This Brazilian composer wrote that aforementioned *Choros* collection. He also used Brazilian folk music for a collection of nine suites including one depicting a “Little Train of Caipira.”

ANSWER: Heitor(/Hector) **Villa-Lobos**

[10] For his nine suites, Villa-Lobos combined Brazilian folk music with the music of this Baroque composer of the *Brandenburg Concertos* and *Goldberg Variations*.

ANSWER: Johann Sebastian **Bach** (the collection is *Bachianas Brasileiras*)

< Michael Etzkorn | *Music* >

8. This activity is done by identifying items that “Spark joy” in the KonMari method. For 10 points each:

[10] Name this activity that titles a 2014 book about its “Life Changing Magic.”

ANSWER: **cleaning** [or **tidying up**; accept **decluttering**; accept **organizing**; accept other clear equivalents]

[10] *The Life-Changing Magic of Tidying Up* is by this Japanese professional organizer who received a Netflix special about helping families get tidy.

ANSWER: Marie **Kondo**

[10] This Canadian psychology professor with a large Youtube following has repeatedly urged people to “clean their rooms.” He’s campaigned against Canada’s C-16 bill, talked lobsters with Cathy Newman, and wrote the 2018 self-help book *12 Rules for Life*.

ANSWER: Jordan B(ernt) **Peterson**

< Michael Etzkorn | *Misc - Other Academic* >

9. The transgender muslim woman Anjum attempts to make a life for herself in Delhi in a 2017 novel by this author. For 10 points each:

[10] Name this author of *The Ministry of Utmost Happiness* who won the 1997 Man Booker Prize for a novel that features a scene where one of the main characters unknowingly masturbates the Orangedrink Lemondrink man outside of a performance of the Sound of Music.

ANSWER: Arundhati **Roy**

[10] Arundhati Roy wrote *The Ministry of Utmost Happiness* twenty years after this debut novel of hers about the childhood experience of the twins Rahel and Estha.

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

[10] This other Indian author went into hiding after ayatollah Khomeini issued a *fatwa* for this author for writing *Satanic Verses*.

ANSWER: (Sir Ahmed) Salman **Rushdie**

< Michael Etzkorn | *Long Form-Literature* >

10. A popular software to manage these systems was developed by Oracle. For 10 points each:

[10] Name these systems of organized data that can be structured into tables and are accessed with languages like SQL (*“sequel or S-Q-L”*).

ANSWER: **databases**

[10] This model of databases was developed by Ted Codd using the SQL language for querying and maintaining the database. This model’s name comes from a mathematical concept defined as the subset of a Cartesian product -- such as the operators greater than or less than.

ANSWER: **relational** databases [or **relational** model of databases; accept **relations**] (the mathematical concept is relations)

[10] To query all attributes in a table in SQL, this symbol can be used instead of specifying an attribute after SELECT. This symbol is used after log to represent the iterated log function.

ANSWER: **asterisk** [or **star**]

< Michael Etzkorn | *Other Science - CS* >