

TOSSUPS

1. While the protagonist of this author's first novel is fetching water, a member of a group of smugglers led by Carlyon kills Elizabeth. This author wrote about Francis Andrews in *The Man Within*, and about Dr. Czinner's trip to Belgrade aboard the Orient Express in (*) *Stamboul Train*. The protagonist of a different novel by this author is sheltered by the Lehrs before being betrayed by the Mestizo. For 10 points, name this British author who wrote about the whiskey priest's travels through Mexico in his novel *The Power and the Glory*.

ANSWER: Graham Greene

2. The practice of focusing on specific words in these texts called *huatou* was introduced by Dahui Zonggao. The concept of *mu* is often illustrated in these texts, as in one that asks whether a dog has a certain nature. Wumen Huikai made famous commentaries on these texts, which are compiled in (*) *The Gateless Gate* and *The Blue Cliff Record*. Hands clapping without making sound are discussed in one of these texts, which are used to test students in the Soto, Obaku, and Rinzaï schools. For 10 points, name these stories used to teach Zen Buddhism.

ANSWER: (Zen) koans [or gōng'àn; or kongan; accept collections/compilations/books of koans; prompt on "Buddhist stories" or general answers that do not give the specific term from Zen Buddhism]

3. In this country, examples of exposed ophiolite can be found on the Lizard Peninsula. A historic region in this country is represented by a white on black cross named for Saint Piran. The Jurassic Coast is found in a region in this country that was named for the Dumnonians and contains (*) Dartmoor and Exmoor. The area that is now this country was nicknamed for tin deposits in ancient times, during which it was crossed by Watling Street. The Devonian period is named for a region in - for 10 points - what country, home to Cornwall and Shropshire?

ANSWER: United Kingdom of Great Britain and Northern Ireland [or Great Britain; or Albion; accept England since all the clues apply specifically to England; don't accept or prompt on "Scotland" or "Wales"]

4. The results of this technique can be interpreted with the use of Greninger chart. The Sayre equation is an example of a direct method used to analyze its output. A construction used in this technique is a sphere in reciprocal space named for (*) Ewald. It employs Miller index notation, and sample preparation is done through vapor diffusion. Dorothy Hodgkin and Rosalind Franklin were notable practitioners of this technique, which involves the application of Bragg's law. For 10 points, name this technique used to resolve the 3D structure of macromolecules.

ANSWER: X-ray crystallography or X-ray diffraction [they can have the points if they just say crystallography, but if they say "diffraction," they have to specify X-ray, so prompt on just "diffraction"]

5. For nearly half a century, this ethnic group was prevented from living in the Ngorongoro Conservation Area, a policy partly influenced by views of their cattle complex. This people's language is similar to that of the Samburu - both languages belong to the Nilotic group. Young men in this ethnic group become (*) warriors by being circumcised during puberty without anaesthesia. Like the country most of them live in, this people's flag consists of two diagonal spears across a shield. For 10 points, name this warlike ethnic group from Kenya.

ANSWER: Maasai

6. Terrorist groups in this country were funded by a businessman who published a translation of *Doctor Zhivago*. The term "strategy of tension" most famously refers to the alleged plotting of terrorist attacks in this country by its government. This country's Communist and Christian Democratic parties agreed to the (*) Historic Compromise. During this European country's Years of Lead, Communist terrorists called the Red Brigades kidnapped and murdered Prime Minister Aldo Moro. For 10 points, name this country later led by Silvio Berlusconi.

ANSWER: Italy [or Italian Republic]

7. Some depictions of this *male figure* are based on a marble head formerly found in the Palazzo Rondanini. Pius VII purchased a sculpture of this figure modeled on the Apollo Belvedere to stand where the Apollo once stood; that sculpture is by Antonio Canova. Cosimo de Medici commissioned a freestanding bronze of this figure placed near Donatello's *Judith and Holofernes* in the (*) Loggia dei Lanzi that shows him holding a curved-tipped sword. For 10 points, name this Greek hero whom Benvenuto Cellini depicted holding the head of Medusa.

ANSWER: Perseus

8. The speaker of one poem in this collection claims that his "self is in mutiny" until the "lady with the frilled blouse" returns. A group of creatures sat "Poised like mud grenades" in this collection's title poem, whose narrator flees from those "great slime kings." The speaker observes the "straining rump" of his (*) father "among the flowerbeds" in a poem from this collection that begins: "Between my finger and my thumb / The squat pen rests." "Mid-Term Break" and "Digging" appear in - for 10 points - what Seamus Heaney collection?

ANSWER: Death of a Naturalist

9. This philosopher posited an early form of natural law divided into three varieties, whose second ended with original sin and, like Locke, argued that property required non-natural positive law which did not exist in Eden. This philosopher accepted abstractions like whiteness but did not believe they were (*) universals, which he said only existed in the mind. His commentary on Lombard's *Sentences* states the principle that entities should not be posited beyond necessity. For 10 points, which philosopher's *lex parsimoniae* is called his namesake "razor"?

ANSWER: William of Ockham

10. This process can be done by summing semisimple and nilpotent parts in an example of it named for Jordan and Chevalley. The normal equations method for solving least-squares problems uses an efficient one of these processes named for Cholesky. For M that is m by n , this process can be performed by [read slowly] finding Σ ["sigma"], whose diagonal entries are the (*) singular values of M , then finding m by m U and n by n V^* ["v-star"], which are both unitary; M then equals U times Σ times V^* . For 10 points, name this process in which a matrix is expressed as a product of other matrices.

ANSWER: matrix decomposition [accept any variety of decomposition, such as orthogonal decomposition, QR decomposition, or singular value decomposition; accept matrix factorization; prompt on factorization]

11. Thanks to Arthur Barclay's negotiations, this country got a large loan from the United States in 1913. Franklin Roosevelt refused to send gunboats to make this country pay its large debts to Firestone. Settlers of this country were brought by the ship *Nautilus*, which was built for a group founded by Robert Finley. The (*) True Whig Party was founded by settlers in this country, which was set up with the help of the American Colonization Society. For 10 points, identify this country settled by free blacks which named its capital for James Monroe.

ANSWER: (Republic of) Liberia

12. Conducting an opera by this composer was the occasion of death for both Joseph Keilberth and Felix Mottl. Wilhelm Furtwangler recorded that opera by this composer in 1952 with Lauritz Melchior and Kirsten Flagstad as leads. Using Schopenhauer's ideas as a basis, this composer believed that opera should be a (*) "total work of art" and take the form of a "music drama." F, D, G-sharp, and B-sharp comprise a dissonant chord created by this composer that is named for a man whose lover sings the "Liebestod" aria. For 10 points, name this composer of *Tristan und Isolde*.

ANSWER: Richard Wagner

13. In this U.S. state, a viral video of a flip-out showing a state congressman throwing papers helped that man, Mike Bost, get elected to the House in 2014. This state's Supreme Court sadly had to rule that its constitution prevents its government from reducing state worker benefits, despite it having the (*) largest unfunded pension liabilities in America, a problem which helped get Bruce Rauner elected to this state's governorship. Rahm Emanuel governs the largest city in - for 10 points - what state which Barack Obama served as Senator from?

ANSWER: Illinois

14. John Brack's most famous painting is directly inspired by this one and is a companion piece to his *Collins St, 5PM*. In the best-known study for this painting, the central figure looks to the right, instead of forward and appears much taller than the man at right. A lady in this painting may be using binoculars to gaze at the feet of the (*) trapeze artist at the upper left. In this painting, oranges appear in a glass bowl flanked by flowers and bottles of alcohol on a marble counter. A young employee of a Parisian nightclub stares at the viewer in - for 10 points - what painting by Edouard Manet?

ANSWER: A Bar at the Folies-Begere [or Un bar aux Folies Bergère]

15. The narrator of this work decides against opening a swimming school, but acknowledges that it would bring in "a good deal of Money." This work's narrator is surprised to receive three "great puffy rolls" of bread after asking for a single "three-penny loaf." In this work, a list of thirteen virtues is followed by a ledger tracking the virtues its narrator (*) neglects over the span of a week. This work recalls how, in 1732, its author first published *Poor Richard's Almanack*. For 10 points, name this account of the life of a bespectacled Founding Father.

ANSWER: The Autobiography of Benjamin Franklin [accept anything mentioning that it's Benjamin Franklin's autobiography]

16. To oppose this modern-day country's nationalists, militias called al-Badr, al-Shams, and the *razakars* were created and used to carry out a genocide of intellectuals. The Mukti Bahini aided this country's military. Agitation for this country's independence grew intense after nearly half a million people died in a (*) cyclone, helping sweep Sheikh Mujib's Awami League into power. Yahya Khan's forces were defeated during this modern day nation's liberation by India in 1971. For 10 points, name this country formerly known as East Pakistan.

ANSWER: (People's Republic of) Bangladesh [prompt on Pakistan until "Mukti Bahini" is read and do not accept or prompt thereafter; prompt on East Pakistan until it is read]

17. In *Airplane!*, Dr Rumac claims to have this food instead of the steak or the fish offered on the flight. A character who had earlier made a pass at a masseuse is given one of these food items originally intended for Aunt Sylvia. That incident occurs in a *Friends* episode titled for a (*) dozen of these. Chris bakes his friend's marijuana into one of these food items in *Everybody Hates Chris*. A character whose favorite food is *this* regularly meets Arlene on a fence and is owned by John Arbuckle. Garfield loves - for 10 points - what layered pasta dish?

ANSWER: lasagna

18. The density parameter, omega, is inversely proportional to three times this quantity squared. This quantity is constant for a comoving time and is equal to the time derivative of the scale factor divided by the scale factor. Because this quantity has units of 1 over time, its inverse gives the predicted (*) age of the universe. It was originally calculated from its namesake's study of Cepheid variables, and current values for it range between 65 to 75 kilometers per second per megaparsec. For 10 points, name this constant that relates recession velocity, or redshift, to distance.

ANSWER: Hubble's constant [or Hubble parameter; or anything mentioning Edwin Hubble]

19. Compensatory lengthening often occurs in vowels affected by this process, resulting in French words such as *épée* and *école*. In historical linguistics, this process is far more common than its counterpart of epenthesis. This process is known as aphaeresis when it is word-initial, syncope when word-medial, and apocope when word-final. (*) Elision is a term for this process exemplified by much slang in English, like saying "How 'bout" instead of "How about." For 10 points, in what linguistic process are sounds omitted or removed from a word?

ANSWER: sound deletion [accept elision until it is read; accept sound loss, vowel loss, or consonant loss; accept descriptive answers like "omission of sounds" until the word "about" is read; prompt on "loss" or "removal"; accept contraction specifically]

20. A serpent consumes *this* many sparrows before turning to stone in the woods near Aulis. Turnus evades the Trojans by jumping into the Tiber at the end of *this* book of the *Aeneid*. Hercules wrestles with the river god Achelous in *this* book of Ovid's *Metamorphoses*; he also retrieves the girdle of the Amazonian queen (*) Hippolyta on *this* numbered labor. The *Iliad* begins after *this* many years of fighting. Terpsichore, Melpomene, and Erato were members of a group of *this* many gods birthed by Mnemosyne. For 10 points, give this number of Muses.

ANSWER: nine

21. By releasing SAFs, a RanGTP gradient promotes formation of these structures, whose stability is improved by removing their C-terminal tyrosine. Katanin severs these structures, which are stabilized by Tau proteins. These structures go through rescue and catastrophe phases in (*) dynamic instability. Kinesins move toward their plus end, and eukaryotic cilia have a 9+2 assembly of them. They have 13 protofilaments around a hollow center, and form spindle fibers in cell division. For 10 points, name these cytoskeletal components made of long tubulin polymers.
ANSWER: microtubules [prompt on “spindle fibers” until mentioned]

22. In commemoration of this composer’s birth, the Edinburgh Festival commissioned a fantasia by Michael Tippett. This composer names a type of dissonant violin cadence which is sometimes called his “clash” and is credited with establishing the standard four-movement form for sonatas. A set of twelve of this composer’s sonatas (*) *da chiesa* and *da camera* are based on the Spanish tune “La Folia.” For 10 points, name this composer of the *Christmas Concerto*, the best known of the *concerti grossi* from his Opus 6.
ANSWER: Arcangelo Corelli

23. This character brings two red candles to a family in repentance for asking to sleep with their maidservant. This character barely escapes a fat, black dog guarding a convent after stealing some turnips. Before being paraded around the village, this character reveals his illiteracy when he is asked to (*) sign his name and instead attempts to draw a perfect circle. This character’s arrest is ordered after he oversleeps during a robbery. For 10 points, identify this thief who views his numerous failures as “spiritual victories” in a “True Story” by Lu Xun.
ANSWER: Ah Q [accept Ah Quei]

24. A temporary hysteria that followed this event was called the “Irish Night.” Gilbert Burnet recorded conversations between Edward Russell and the main perpetrator of this event, whose army was financed by loans from Francisco Lopes Suasso and Pope Innocent XI. The re-issuance of the (*) Declaration of Indulgence and an attempt to repeal the Test Acts helped prompt this event, which was prompted by the Immortal Seven and ended after the Battle of the Boyne. For 10 points, name this revolution that toppled James II of England.
ANSWER: Glorious Revolution [only Glorious is needed after “revolution” is read]

BONUSES

1. Answer some non-questions that have something to do with metabolizing drugs, for 10 points each:

[10] A set of S-transferases catalyzes the conjugation of this compound to foreign substrates for breakdown. The ratio of the reduced and oxidized disulfide forms of this tripeptide antioxidant may be used to measure toxicity.

ANSWER: **glutathione** [or **GSH**; or **glutathione** disulfide; or **GSSG**]

[10] The rate at which drugs are excreted is often measured as the clearance of this organ. Filtration, secretion, and reabsorption steps take place in this organ's nephrons.

ANSWER: **kidneys**

[10] The P450 proteins of this type increase the polarity of xenobiotics through a mono-oxygenase reaction. Other proteins of this heme-containing type generate ATP at the end of the electron transport chain.

ANSWER: **cytochromes**

2. Most land available for these estates had already been given out by the end of the 16th century. For 10 points each:

[10] Identify these Ottoman estates which were granted to members of the army, particularly Sipahi cavalry.

ANSWER: **timars**

[10] Timariot Sipahi cavalry were strong rivals of these professional troops who were recruited from Christian boys in the Balkans via the *devşirme* system.

ANSWER: **Janissaries** [or **Yeni Ceri**]

[10] If a *timariot* died heirless, revenue collection from his estates would be outsourced via this kind of system, in which a ruler grants the right to collect taxes as personal income to agents who paid him a fixed stream of revenue.

ANSWER: **tax farming**

3. Answer the following about "The Pittsburgh Cycle," for 10 points each:

[10] This fifth installment of the "Pittsburgh Cycle" set during the 1940s opens with Floyd Barton's release from prison.

ANSWER: ***Seven Guitars***

[10] *Seven Guitars* is chronologically followed by this play that centers on garbage man Troy Maxson and his son Cory.

ANSWER: ***Fences***

[10] This African-American playwright included *Seven Guitars* and *Fences*, along with *The Piano Lesson*, in his "Pittsburgh Cycle."

ANSWER: August **Wilson**

4. Incentives for claiming these islands, most of which have at least six official names, include potential oil and gas reserves and an extended continental shelf of maritime space for their owners. For 10 points each:

[10] Identify these islands in the South China Sea whose claimants include Malaysia, China, Taiwan, and Vietnam.

ANSWER: **Spratly Islands**

[10] This other nearby country, whose economy is primarily based on petroleum exports, claims the Spratly islands as part of its Exclusive Economic Zone.

ANSWER: (Sultanate of) **Brunei**

[10] This is how many people live on the Spratly Islands, as well as the disputed Senkaku Islands. It's also the number of military conflicts over those islands in the 21st century.

ANSWER: **zero** [or **0**]

5. One member of this group owned a mule that could be folded up to fit in his pocket. For 10 points each:

[10] Identify this numbered group of long-lived deities revered in Taoism. Their only explicitly female member is He Xiangmu, and their leader is usually identified as Lü Dongbin.

ANSWER: **Eight Immortals** [or **Bāxiān**; prompt on "Immortals"]

[10] While his millet was cooking, Lü Dongbin saw his future decline during one of these episodes. Morpheus owned an ivory box filled with these, which he placed in the minds of sleeping people.

ANSWER: **dreams** [accept **nightmares**]

[10] The Immortals Li Tieguai and He Xiangmu advised White Peony on how to provoke Lü Dongbin into performing this action; when Lü finally did this, White Peony attained immortality.

ANSWER: **ejaculating** [accept equivalents, including slang]

6. This artist's *The Vocation of the Apostles* is found in the Sistine Chapel. For 10 points each:

[10] Identify this artist whose *Adoration of the Shepherds*, which shows Jesus laid in front of a gray sarcophagus, is the altarpiece in the Sassetti Chapel. This artist decorated that chapel with frescoes about the life of St. Francis.

ANSWER: Domenico **Ghirlandaio**

[10] Ghirlandaio also painted a version of this scene, which was more famously depicted by another artist with a sleeping lion in the foreground and a skull on the left.

ANSWER: ***Saint Jerome in His Study*** [accept anything with the two underlined words]

[10] Ghirlandaio's *Saint Jerome in His Study* was commissioned alongside this artist's *Saint Augustine in his Study*. He's better known for *The Birth of Venus*.

ANSWER: Sandro **Botticelli**

7. For this album's 25th anniversary, will.i.am made a terrible remix of its Paul McCartney duet "The Girl is Mine." For 10 points each:

[10] Name this Michael Jackson album, the best-selling album of all time. Its seven hit singles included "Beat It" and "Billie Jean."

ANSWER: ***Thriller***

[10] Besides producing *Thriller*, the Nadia Boulanger student Quincy Jones worked on this charity single by the supergroup USA for Africa. A remake was made after the 2010 Haiti earthquake.

ANSWER: "**We Are the World**"

[10] Jones is tied for second-most Grammys won with bluegrass-country musician Alison Krauss, who won the Album of the Year award for this album, a collaboration with Robert Plant.

ANSWER: ***Raising Sand***

8. This book aims to integrate objective methods with micro-level analysis in the study of society. For 10 points each:

[10] Identify this 1937 book which lays out a theory centering on the connections between units defined by agents, their goals and means of achieving them, a situation, and social norms and values.

ANSWER: *The **Structure of Social Action***

[10] *The Structure of Social Action* was written by this sociologist, who created the AGIL paradigm.

ANSWER: Talcott **Parsons**

[10] The "I" in Parson's "AGIL" paradigm refers to this social process, by which people are absorbed into the mainstream of society. It's exemplified by the ending of racial segregation in schools.

ANSWER: **integration**

9. Appendix D of this work contains the humorous essay "The Awful German Language." For 10 points each:

[10] Name this 1880 semi-autobiographical travelogue recounting its author's experience through the Alps. Its author's close friend, Joseph Twichell, is fictionalized in this work as the character Harris.

ANSWER: *A **Tramp Abroad***

[10] *A Tramp Abroad* was written by this American humorist, whose famous characters in other works include David Wilson, Tom Sawyer, and Huckleberry Finn.

ANSWER: Mark **Twain** [accept "Samuel Langhorne **Clemens**"]

[10] This other semi-autobiographical travelogue chronicles a young Mark Twain's adventures through the Wild West.

ANSWER: ***Roughing It***

10. Intersystem crossing can be represented as a horizontal line from an excited singlet state to an excited triplet state on these diagrams. For 10 points each:

[10] Name these diagrams useful in photochemistry that depict radiative transitions with straight arrows and non-radiative transitions with curly arrows.

ANSWER: **Jablonski** diagram

[10] This phenomenon can be represented by a straight line from S1 to S0 on a Jablonski diagram. Excited materials can return to the ground state by emitting this form of luminescence, contrasted with phosphorescence.

ANSWER: **fluorescence**

[10] Singlet and triplet states can be alternatively named with these TWO prefixes. Electron-donating groups on benzene rings direct substitution at these two positions in electrophilic aromatic substitution reactions.

ANSWER: **ortho** and **para** [in any order]

11. The common English name for this food derives from the Turkish for "to curdle." For 10 points each:

[10] Name this common dairy-based food, whose Greek variety has recently seen a major surge in popularity.

ANSWER: **yogurt**

[10] This Greek sauce, which uses yogurt as a base, is commonly poured on meat or used for dipping.

ANSWER: **tzatziki** sauce

[10] The other primary ingredient in tzatziki besides yogurt, garlic, olive oil, and vinegar is this vegetable, whose “burpless” variety is common throughout the Middle East.

ANSWER: **cucumbers**

12. This man was exiled after being accused of embezzling Etruscan plunder. For 10 points each:

[10] Identify this celebrator of four triumphs, a leader who conquered the Etruscan city of Veii. He was called the “Second Founder of Rome” by both Livy and Plutarch.

ANSWER: Marcus Furius **Camillus**

[10] Camillus was appointed this position five times. In Rome, this was a temporary position of extraordinary magistral authority, but today it designates any ruler who wields near-absolute power.

ANSWER: **dictator**

[10] Camillus also managed to drive the Gauls led by this war leader out of Italy after they sacked Rome.

ANSWER: **Brennus**

13. This term was first applied to music criticism by the film score composer Michael Nyman. For 10 points each:

[10] Name this simple, repetitive style of music favored by John Adams and Philip Glass.

ANSWER: **minimalism**

[10] Minimalist composers often overdubbed sounds from this material and used it to create repetitive music patterns. Steve Reich’s *Different Trains* contains a prominent part for sounds from this material.

ANSWER: (magnetic) **tape** loops [or **tape** recordings; or **tape** machines]

[10] Overdubbing also features heavily in this minimalist composer’s album *A Rainbow in Curved Air*. This composer created the album *Persian Surgery Dervishes* and often worked with the Kronos Quartet.

ANSWER: Terry **Riley**

14. Differences in interpreting this concept are outlined in the Leibniz-Clarke correspondences. For 10 points each:

[10] Identify this concept, which J.M.E. McTaggart represented as “A-series” and “B-series” in an argument about how it is not real, but rather an illusion.

ANSWER: **time**

[10] McTaggart’s argument about time is an expression of this skeptical philosophical position, since it says time is not actually real and can only be perceived. It’s often opposed to realism and materialism.

ANSWER: **idealism**

[10] In his doctoral thesis, this philosopher distinguished between the mechanistic time of science and time as perceived by humans, which he argued was a non-linear continuum that could not be broken into instances.

ANSWER: Henri **Bergson**

15. Lots of these people were killed during the St. Bartholomew’s Day Massacre. For 10 points each:

[10] Identify this name given to Protestants in Early Modern France.

ANSWER: **Huguenots**

[10] In the early 1680s, Louis XIV instituted a policy of stationing some of these ubiquitous 17th century troops in the houses of Huguenot families and giving them implied permission to steal from and abuse the inhabitants.

ANSWER: **dragoons** (sometimes called “missionary **dragoons**” - the policy is called *dragonnade*)

[10] Since the *dragonnade* wasn’t getting Huguenots to leave France fast enough, Louis passed this 1685 edict, which revoked the toleration given to Huguenots by the Edict of Nantes.

ANSWER: Edict of **Fontainebleau**

16. A problem named for this man concerning light-atom interactions describes the response of an atom to an applied harmonic electric field. For 10 points each:

[10] Identify this man who discovered how an oscillatory driving field can cause cyclic behavior in a two-state quantum system.

ANSWER: Isidor Isaac **Rabi**

[10] Rabi’s discovery was built off of this experiment, in which silver atoms sent through a non-homogeneous magnetic field were deflected either up or down by a specific amount, producing two lines on a photographic plate.

ANSWER: **Stern-Gerlach** experiment

[10] The Stern-Gerlach experiment confirmed that atoms possess this intrinsic angular momentum.

ANSWER: **spin**

17. *Ifá* divination is performed by *babalawo* priests in a religion popular in this country using cowrie shells and other implements. For 10 points each:

[10] Identify this non-African country, where secret religious fraternities called *abakuá* became most popular.

ANSWER: (Republic of) **Cuba** [or República de **Cuba**]

[10] A variety of this activity done by masked *abakuá* men called *iremes* helped give rise to a Cuban style of it called rumba. Some Native Americans perform this activity to summon rain.

ANSWER: **dance**

[10] *Ñāñigos* were members of *abakuás* believed to possess this power, which they were thought to use to track enemies. *Naguals* were people in Mesoamerican society who were believed to have this ability.

ANSWER: **turn into animals** [accept clear equivalents; accept turning into any specific animal]

18. Advanced civilizations along this river were described by Francisco de Orellana. For 10 points each:

[10] Name this river, the largest by discharge in the world, and certainly the largest in South America.

ANSWER: **Amazon** River [or Rio **Amazonas**]

[10] This island at the mouth of the Amazon, the largest freshwater island in the world, is thought to have been home to an advanced pre-Columbian civilization. The city of Belém lies across the Pará River from this island.

ANSWER: **Marajó**

[10] The fertile soil along the Amazon River is given this term. This is also the name of a number of particularly fertile regions within Easter Europe, particularly in Ukraine, where they are termed *Chernozem*.

ANSWER: **Black earth** [or **dark earth**; or **terra preta**; accept loose synonyms for “black” or “dark” and “earth” or “soil”]

19. Sparks still fly over whether this amendment was only meant to facilitate a militia. For 10 points each:

[10] Identify this amendment to the United States Constitution, a favorite of American conservatives and gun-rights enthusiasts, which grants a right to bear arms.

ANSWER: **Second** Amendment [or Amendment **2**]

[10] Despite the relatively recent passage of the 14th amendment, the Supreme Court declined to incorporate the 2nd amendment in this case, which grew out of the massacre of freedmen during the Colfax Massacre.

ANSWER: United States v. **Cruikshank**

[10] This more recent case interpreted the 2nd amendment to rule that the nation’s capital could not ban handguns.

ANSWER: District of Columbia vs. **Heller**

20. While watching *Rear Window*, this novel’s protagonist feels just like L. B. Jeffries, in that he is “caught up in a suffocating dream.” For 10 points each:

[10] Name this novel, whose protagonist Kemal begins a 44-day-long affair with the young salesgirl Fusun after returning a counterfeit purse.

ANSWER: *The* **Museum of Innocence**

[10] In this other novel, the poet Ka returns to the town of Kars to investigate a string of suicides prompted by a ban on headscarves.

ANSWER: **Snow**

[10] This Turkish author wrote *The Museum of Innocence* and *Snow*.

ANSWER: (Ferit) Orhan **Pamuk**

21. This king described his extensive repairs of buildings destroyed in a storm in the Tempest Stele. For 10 points each:

[10] Identify this son of Seqenenre Tao, the first pharaoh of the Egyptian 18th dynasty. This king rebuilt the much-weakened civil service in Thebes, which he re-established as the capital of Egypt.

ANSWER: **Ahmose I** [or **Amosis I**; or **Neb-Pehty-Re**; prompt on partial answer]

[10] The 18th dynasty began with the expulsion of this mixed group of nomads. These Asiatic people, who introduced chariot warfare to Egypt, comprised the rulers of the 15th dynasty.

ANSWER: **Hyksos**

[10] The Hyksos also introduced to Egypt the composite variety of this ranged weapon ubiquitous in chariot warfare.

ANSWER: **bow** (and arrow, if they say that)

22. Lili Álvarez shocked the world by wearing a divided skirt by this designer at Wimbledon. For 10 points each:

[10] Name this Italian fashion designer who collaborated with Dalí on her Lobster Dress and Skeleton Dress. With Jean Cocteau, she designed a rose-embroidered evening coat with a Rubín vase.

ANSWER: Elsa **Schiaparelli**

[10] This British designer also made a skeleton dress and brought back low-rise pants. He used a moth-filled glass box for his VOSS collection, and was the subject of the Met's *Savage Beauty* exhibit after his 2010 suicide.

ANSWER: (Lee) Alexander **McQueen**

[10] This style, popularized by Vivienne Westwood's boutique SEX, influenced McQueen. It often involves boots and ripped clothing, and was worn by bands in a musical style of the same name like the Sex Pistols.

ANSWER: **punk** fashion [accept **punk** rock]

23. The Verneuil process is used to create synthetic gemstones of this mineral. For 10 points each:

[10] Name this aluminum oxide mineral with a Mohs hardness of 9.

ANSWER: **corundum**

[10] When corundum contains chromium it becomes this valuable red gemstone.

ANSWER: **ruby**

[10] In this phenomenon, gemstones exhibit a multi-rayed reflection on their surface when cut *en cabochon*

ANSWER: **asterism**

24. This novel's protagonist keeps a pair of fruitcakes in a small tin decorated with the face of the Queen. For 10 points each:

[10] Name this novel, whose first half ends with the suicide of the protagonist's precocious friend, Adrian Finn.

ANSWER: *The **Sense of an Ending***

[10] This contemporary English writer won the 2011 Man Booker Prize for his novel *The Sense of an Ending*. In another novel, he wrote about the retired doctor Geoffrey Braithwaite.

ANSWER: Julian Patrick **Barnes**

[10] Geoffrey Braithwaite appears in Julian Barnes's novel titled for this author's *Parrot*. This author's own protagonists include Frederic Moreau and Emma Bovary.

ANSWER: Gustave **Flaubert**