



NSC 2018 - Round 13 - Tossups

1. This writer complained "it is so late that the dew soaks my gauze stockings" in his "Jewel Stairs' Grievance." A poem by this man ends with the speaker lowering his head and missing his home after lifting his head to see the moon. In another poem by this man, the speaker anticipates meeting his friends again "at last on the Cloudy River of the sky" and contemplates "a cup of wine, under the flowering trees." Ezra (*) Pound transliterated this poet's name as the Japanese "Rihaku" in his collection *Cathay*, which includes a poem by this man that Pound translated as "The River-Merchant's Wife." "Quiet Night Thought" and "Drinking Alone by Moonlight" were written by, for 10 points, what Tang Dynasty poet, the dedicatee of many poems by Du Fu?

ANSWER: Li Bai [or Li Po; or Li Bo; or Li Pai; or Li Taibai; accept Rihaku until "Rihaku" is read]
<Kothari, Literature - World>

2. This quantity is the only intensive variable that the canonical ensemble is dependent on. This quantity is the independent variable in TGM analysis. The change in entropy is equal to the integrand of the infinitesimal change in heat divided by this quantity, according to the Clausius inequality. The second virial coefficient equals zero at a particular value for this quantity named for (*) Boyle. Helmholtz free energy equals internal energy minus entropy times this quantity, and it is the conjugate variable of entropy. The average kinetic energy for gas molecules is proportional to this quantity. For 10 points, identify this quantity plotted on the x -axis of phase diagrams, against pressure.

ANSWER: temperature [or T; do not accept or prompt on "heat"]
<Prieto, Science - Chemistry>

3. Married women in this city who inherited their father's property were required to divorce their husband and marry their father's closest male relative. A prostitute in this city escaped execution for impiety when her lover dramatically pulled away her clothes to reveal her breasts. Women in this city could be selected as "basket-bearers" during an annual festival in which they wove a new robe for a wooden statue of a (*) goddess. People of this city blamed a war with Samos on a former Milesian courtesan named Aspasia, the lover of one of its leaders. Among resident foreigners in this city called "metics," women held rights similar to their husbands. For 10 points, name this Greek city that excluded women from its institutions of democracy.

ANSWER: Athens [or Athenai]
<Bollinger, History - European>

4. Composer and type of piece required. A chorale setting from one of these works begins with four notes rising by whole tones and is quoted in the final section of Alban Berg's (ALL-bahn BAIRG's) Violin Concerto. An oboe's rising minor sixth opens the first movement aria of one of these works whose name means "I have enough." Libretti by Picander were used in the elusive fourth cycle of these works written by this composer as *Thomaskantor* (TOH-moss-KON-tor) in (*) Leipzig. *Herz (HAIRTS) und Mund und Tat und Leben* (LAY-bin) is a sacred example of these works, which are assigned BWV numbers 1 through 200. Secular examples of these works include one about Lieschen's (LEES-shin's) love of coffee. For 10 points, name these choral works by the Baroque composer of "Jesu, Joy of Man's Desiring."

ANSWER: cantatas by Johann Sebastian Bach [prompt on cantatas by asking for the composer; prompt on choral works or Bach's choral works] ("I have enough" is *Ich habe genug*, not to be confused with *Es ist genug*.)
<Kothari, Arts - Music>

5. One character in this play delivers his first line, asking about the varying success of Doctor Mackenzie-King's operations, after clicking his tongue eight consecutive times. Another character in this play explains how the misaligned colors of two children's white and red eyes means that their parents are not actually Elizabeth and Donald. Later in this play, a poem describing how "the stone," "the castle," and many other things "caught fire" is recited by that character, the maid (*) Mary. Chaotic shouts of "It's not that way, it's over here" precede a blackout near the end this play, whose title character is only mentioned by the departing Fire Chief. Absurd conversations between the Smiths and Martins make up much of, for 10 points, what first play by Eugène Ionesco (oo-ZHEN ee-oh-NESS-koh)?

ANSWER: *The Bald Soprano* [or *La Cantatrice Chauve*]
<Carson, Literature - European>

6. A work from this present-day country proposed "three tests" for correctness in three chapters on "Rejecting Fatalism." A work from this country considers that a white horse may not be a horse. One school from this country introduced an early form of consequentialism sometimes named for the state that seeks to maximize goods, like order. A philosopher from this country emphasized that people and things must be called by their proper titles, a doctrine called (*) "rectification of names." The School of Names branched out from this country's school of Mohism. The Hundred Schools of Thought from this country included one that emphasized filial piety and benevolence, or *ren*. For 10 points, in what country were the *Analects* compiled by followers of Confucius?

ANSWER: China [or People's Republic of China or PRC; accept Zhongguo or Zhōnghuá Rénmín Gònghéguó]
<Kothari, RMP - Philosophy>

7. Observations of this body by Jean Richer in French Guyana and Giovanni Cassini in France allowed for them to provide the first estimate of the distance from the Earth to the Sun. In a 1979 experiment, a radio signal sent to this body arrived at a time consistent with the Shapiro delay, confirming the theory of general relativity. During one of this body's "oppositions," Giovanni (*) Schiaparelli (SKEE-ah-pah-RELL-ee) claimed to have observed channels on it; that work was used by Percival Lowell to argue that this body once hosted intelligent life. Since this body is the closest superior planet to Earth, it undergoes apparent retrograde motion in the night sky. The Viking probes were sent to, for 10 points, what planet with an iron oxide-rich red surface?

ANSWER: Mars
<Jose, Science - Astronomy>

8. Pakistani leader Zia ul-Haq established community boards to enforce this practice and *ushr* as part of his policies of Islamization. When enforced by the state, the performance of this practice involves officials called *amil*. Descendants of the prophet are not allowed to benefit from this practice. The non-mandatory analogue of this practice is (*) *sadaqah*. A special instance of this practice is performed between the last day of Ramadan and Eid ul-Fitr to provide food for the community's consumption. This practice is mandatory for those who have the *nisab*, or means to do so. A contribution of 2.5 percent is standard for this practice. For 10 points, what pillar of Islam mandates almsgiving?

ANSWER: **zakat** [prompt on charity or alms giving]

<Alston, RMP - Other Religion>

9. The *Nagara Vatta*, a pro-independence paper for these people, was edited by a man who briefly served as Prime Minister after World War II. The *Reamker* (ree-um-kay) is this people's national epic. The old form of these people's namesake language can be seen in the Chenla Inscriptions, including ones from Ishanapura. An "Issarak" party fought for independence for these people from the French. The buildings in a temple in a capital of these people symbolized Mount (*) Meru, although later on, Buddhism flourished in that capital. An empire named for these people was ruled by Jayavarman (JAH-yah-VAR-mahn) the Great and Suryavarman (SOOR-yah-VAR-mahn) II, the latter of whom built Angkor Wat. For 10 points, name this largest ethnic group in a country once ruled by a namesake "Rouge" (rooj) government led by Pol Pot.

ANSWER: **Khmer** [or Cambodians; or Kampuchean]

<Bentley, History - World>

10. Tribal people near this country's Shillong Plateau have shaped living root bridges from rubber tree roots. A deer called the *sangai* is found in this nation's Keibul Lamjao National Park, which is a *phumdi*, or floating vegetative island. The town of Mawsynram (MAO-sin-rahm) in this country is often touted as the rainiest place in the world. This nation's Kaziranga National Park has the majority of the world's remaining greater one-horned rhinoceroses. (*) Manipur and Meghalaya (meg-ha-LAH-ya) are among the Seven Sister States in this country's northeast, which is connected to the rest of the nation by the Siliguri Corridor. A type of silk and tea are named for this country's state of Assam. Its other states include West Bengal. For 10 points, name this country that contains Calcutta.

ANSWER: **India** [or Republic of India]

<Kothari, Geography - World>

11. In *The Return of the Native*, Clym Yeobright goes home to Egdon Heath after selling these objects in Paris, which makes him attractive to Eustacia Vye. Yusef blackmails Major Scobie into shipping these items on the *Esperança* in *The Heart of the Matter*. A party of Englishmen escapes with these items despite the betrayal of the Kukuana woman Gagool in the first of H. Rider Haggard's Allan Quatermain novels. In another novel, an unknowingly-drugged (*) Franklin Blake gives Godfrey Ablewhite one of these objects sacred to a Hindu moon god, which was inherited by Rachel Verinder on her eighteenth birthday. For 10 points, name these precious items, examples of which include the title object of *The Moonstone* and some that "are forever" in an Ian Fleming novel.

ANSWER: **diamonds** [prompt on jewelry or gemstones; prompt on stones or moonstones]

<Bollinger, Literature - British>

12. In one construction, this vector quantity traces out circular curves called the polhode and herpolhode, which lie at the ends of the body cone and the space cone. The components of this vector quantity or their time derivatives appear in every term on the left-hand side of the Euler (OY-ler) rigid body equations. The fictitious Euler force is proportional to this quantity's time derivative, while the (*) Coriolis force is proportional to this quantity crossed with the velocity. This quantity is parallel to angular momentum for a principal axis. Angular momentum equals the product of the moment of inertia with this quantity. The letter omega symbolizes, for 10 points, what quantity representing the rate at which an object rotates?

ANSWER: **angular velocity** [prompt on omega; do not accept or prompt on "velocity" or "linear velocity"]
<Busse, Science - Physics>

13. A dance tradition in this country declined in popularity in the 1930s after a string of fires destroyed the planks used for crossroad dances. Traditionally, a single musician played at the all-inclusive sessions held during the summer fleadh (flahs) in this country. It supposedly takes seven years each to learn, practice and master a traditional instrument from this country called the (*) uilleann (ILL-un) pipes. Michael Coleman was a fiddler from this country. This country's set dancing tradition was revived with an intermission act at the 1994 Eurovision Song Contest that was adapted into shows such as *Feet of Flames*. *Riverdance* includes traditional dances from, for 10 points, what country, the origin of ballads such as "The Fields of Athenry" and "The Wearing of the Green"?

ANSWER: **Ireland** [or **Éire**]
<Bentley, Arts - Misc>

14. A woman named Locusta was an expert in this practice in early-empire Rome. A man named Halotus who was officially tasked with preventing this action likely turned on his master in 54 CE. It's not witchcraft, but Louis XIV's mistress Madame de Montespan was caught up in an "affair" regarding this practice among the French aristocracy. Lucrezia Borgia supposedly owned a ring that assisted her in performing this action. Nero, who did this to Burrus and (*) Britannicus, may have also had it done on his predecessor Claudius. Mithridates of Pontus supposedly made himself invulnerable to this practice. Napoleon was once claimed to have been killed in this way with arsenic. For 10 points, name this manner of death involving substances such as hemlock and cyanide.

ANSWER: **poisoning** [or preparing **poisons**; accept equivalents like **eating a poison mushroom** or **drinking hemlock**; prompt on murder or suicide or assassination of a Roman Emperor]
<Bentley, History - European>

15. This concept is in the title of a Carol Stack book that explains how poor African-American inhabitants of "the Flats" relied on an "essential" type of this concept for stability. David Schneider emphasized the possibility of relationships of this type that are neither affinal (uh-final) nor consanguineal (con-san-GWIN-ee-ul) in a book on the "American" kind of this concept. Omaha, Crow, and Hawaiian systems of this concept are among those identified by Lewis (*) Hunt Morgan. "Fictive" types of this concept include godparenthood, and systems of this concept can be distinguished by features like whether they have different terms for maternal and paternal aunts and uncles. For 10 points, name this anthropological concept denoting systems of naming and thinking of familial relationships.

ANSWER: **kinship** [accept **kinship** systems or forms of the word **kin**; accept *All Our Kin* or *American Kinship*; prompt on family or word forms]
<Kothari, Social Science - Anthropology>

16. Tobias Wolff recalled buying a puppy that was going to be cooked for dinner during this conflict in his memoir *In Pharaoh's Army*. Michael Herr's experiences as a war correspondent during this conflict were turned into the book *Dispatches*. In one book, Norman Bowker imagines telling his father why he never won a Silver Star in this war. Paul Berlin's squad chases after the title character, who has decided to leave this war and walk to Paris, in the novel (*) *Going After Cacciato*. During this war, the body of Rat Kiley's friend Curt Lemon is washed out of a tree, and Ted Lavender's death prompts Lieutenant Jimmy Cross to burn letters from Martha. For 10 points, name this conflict, the setting of *The Things They Carried* by Tim O'Brien.

ANSWER: Vietnam War [prompt on Nam]

<Kothari, Literature - American>

17. The Vatican Museums are home to a statue of this figure "sleeping" that was long misidentified as a statue of Cleopatra. This woman was the mother of the Argonaut Staphylus and of Oenopion (ee-NOH-pee-on), who brought winemaking to Chios. The constellation Corona Borealis represented a wedding diadem given to this woman, whose absence distracted another figure from replacing his black sails. This woman conveyed instructions from (*) Daedalus to always go forward and down, and never turn, to a man to whom she also gave a sword and a ball of thread. This sister of Phaedra and daughter of Minos married Dionysus after being abandoned on Naxos by an Athenian hero. For 10 points, name this Cretan princess who helped Theseus defeat the Minotaur.

ANSWER: Ariadne (air-ee-AD-nee)

<Carson, RMP - Greco-Roman Myth>

18. In one of a series of workshop paintings, this figure holds a recorder and is watched by a lute player. An individual playing with a dove was painted over by restorers of a "Dresden" painting of this figure, whose pose is repeated in a painting named for Philip II's El Pardo palace in which a satyr plays with her dress. This figure rests on a red pillow with her clothes strewn in front of her in a landscape left incomplete at the death of its artist, Giorgione (jor-JOH-nee). A maid (*) rummages through a chest in the background while this goddess holds rose petals in one hand and covers her genitals with the other in a painting that inspired Manet's *Olympia*. For 10 points, Titian painted what love goddess for the Duke of Urbino?

ANSWER: Venus [or Aphrodite]

<Bentley, Arts - Painting>

19. P4-ATPases help to rearrange the composition of these structures, and Cavin proteins help change their shape. The Frizzled protein, when involved in the Wnt (wint) pathway, is located in these structures. The vitelline envelope surrounds these structures of certain egg cells. These structures can contain specialized microdomains known as (*) "rafts" which are used for signaling. Detergents such as digitonin can be used to isolate proteins from these structures. Flippases and scramblases can aid in the movement of molecules in these structures. The relationship between lipids and proteins in these structures is described by the fluid mosaic model. For 10 points, name this outer layer of a cell made of a phospholipid bilayer.

ANSWER: plasma membrane [or cell membrane; prompt on membrane]

<Ramaswami, Science - Biology>

20. In a campaign poster, this man drives away a crowd holding a "Rule or Ruin" flag with his massive "Shall the People Rule" banner. In one post, he gave each signatory of a "cooling-off" treaty a plowshare paperweight made from melted-down swords. At 36, he was the youngest person to ever receive a major-party presidential nomination. He headed both the (*) Democrat and Populist tickets in a campaign where he advocated for the unlimited use of a 16-to-1 ratio. This "Boy Orator of the Platte" resigned as Secretary of State following the sinking of the *Lusitania*. He proclaimed, "You shall not press down upon the brow of labor this crown of thorns." For 10 points, name this Democratic nominee for President who gave the "Cross of Gold" speech.

ANSWER: William Jennings **Bryan**

<Bentley, History - American>

21. This book has three parts that correspond to three parts of a certain mountain, according to an anthropological study of this book "as Literature" by Mary Douglas. Jacob Milgrom wrote a three-volume commentary on this book, in which Nadab and Abihu are consumed by fire for using "strange fire" in a sacrifice. A section of this book repeatedly exhorts, "Be holy, for I the Lord your God am holy." The term "scapegoat" originates from this book, which is set between the (*) completion of the Tabernacle and the Israelites' departure from Mount Sinai, and includes instructions about making offerings in the Tabernacle. This book's Holiness code prohibits practices like blasphemy and bestiality. For 10 points, name this third book of the Torah, between Exodus and Numbers.

ANSWER: Book of **Leviticus** [or **Vayikra**]

<Kothari, RMP - Bible/Christianity>



NSC 2018 - Round 13 - Bonuses

1. Graduates of West Point were one of 14 classes of people excluded from a general series of these things offered by Andrew Johnson in May 1865. For 10 points each:

[10] Identify these orders, 64 of which were issued by Abraham Lincoln for offenses such as conspiracy.

ANSWER: Civil War **pardons** [or **pardons** for ex-Confederates; or **amnesty** for ex-Confederates]

[10] One of the few people excluded from Andrew Johnson's third pardon order was this President of the Confederacy.

ANSWER: Jefferson **Davis** [or Jefferson Finis **Davis**]

[10] In the Birchard Letter, Lincoln offered to rescind the deportation order placed on this leader of the Knights of the Golden Circle, who ran for Governor of Ohio in 1863 on the Peace Democrats ticket.

ANSWER: Clement **Vallandigham** [or Clement Laird **Vallandigham**]

<Bentley, History - American>

2. A recent plebiscite in this country was conducted by the Bureau of Statistics rather than the agency in charge of elections. For 10 points each:

[10] Name this Commonwealth country that voted overwhelmingly to legalize gay marriage in 2017 despite opposition from former Prime Minister John Howard.

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

[10] Several Australian politicians have had to resign recently because of this reason, including Deputy Prime Minister Barnaby Joyce. Section 44 of Australia's constitution bans MPs from having this status.

ANSWER: they held **non-Australian citizenship** [or **dual-citizenship**; or **citizenship** in a **country other than Australia**; do NOT accept "they lacked Australian citizenship"]

[10] Australia has gone 26 years without a recession in part thanks to the large reserves of this resource in Western Australia. Rio Tinto mines it from the Mount Tom Price mine.

ANSWER: **iron** ore

<Bentley, Current Events - Foreign>

3. Answer the following about how Tennessee Williams's life shaped his plays, for 10 points each.

[10] Elia Kazan asserted that a "desire to preserve tradition" and an "attraction to what is going to destroy tradition" are common to both Williams and this play's character Blanche DuBois (**doo-BWAH**).

ANSWER: *A **Streetcar Named Desire***

[10] Tennessee Williams's father inspired this character created by Williams, who rails against "mendacity" and is afflicted with cancer in *Cat on a Hot Tin Roof*.

ANSWER: **Big Daddy** Pollitt [prompt on partial answers or on **Pollitt**]

[10] Williams's play *Suddenly Last Summer* was partly inspired by this kind of operation that was performed on his sister Rose. In the play, Mrs. Venable wants a doctor to perform one on Catharine.

ANSWER: bilateral prefrontal **lobotomy** [or **lobotomization**]

<Jose, Literature - American>

4. *Pachycereus pringlei* (**packy-serious PRING-lee**) is the world's tallest species of these plants, which have bumps known as areoles and can have bristles called glochids (**GLOW-kids**). For 10 points each:

[10] Name these plants that include the monotypic genus *Carnegiea* (**CAR-nuh-JEE-uh**). Acanthochronology studies the modified leaves of these plants.

ANSWER: **cacti** [or **cactus**]

[10] Cacti are commonly found in these arid biomes with little precipitation, which can be home to xerophytes (**ZERO-phytes**) such as the Joshua tree and the rose of Jericho. Antarctica is the largest of these biomes on Earth.

ANSWER: **deserts**

[10] Cacti are a member of this group of plants, which are thickened and fleshy to retain water in arid climates. These plants, which commonly undergo CAM photosynthesis, include stonecrops and *Aloe vera*.

ANSWER: **succulent** plants

<Grames, Science - Biology>

5. Although never intended for public display, the German sculptor Franz Xaver Messerschmidt is best remembered today for his sixty-nine highly expressive "character" examples of these things, such as *The Vexed Man*. For 10 points each:

[10] Identify these body parts. In a common scene in Renaissance art, Judith is shown in the process of removing this body part from Holofernes.

ANSWER: human **heads**

[10] This Italian Neoclassical sculptor made a series of "ideal heads" of subjects such as vestal virgins and a notorious statue of Napoleon's sister Pauline Borghese as Venus Victrix.

ANSWER: Antonio **Canova**

[10] A masterwork by Canova that draws on *The Golden Ass* depicts this mythological figure reaching up towards her lover in order to be revived.

ANSWER: **Psyche** [accept ***Psyche Revived by Cupid's Kiss*** or ***Psyché ranimée par le baiser de l'Amour***]

<Bentley, Arts - Sculpture>

6. Jackie Fisher was tasked to investigate the feasibility of switching one fleet to using this good. For 10 points each:

[10] Identify this substance, which replaced coal as the primary fuel for British ships. The switch to this fuel made control of the Middle East more important for the British.

ANSWER: **oil** [or **petroleum**]

[10] This First Lord of the Admiralty spearheaded the switch to oil. His historical writings, such as his biography of his ancestor, the Duke of Marlborough, earned him the 1953 Nobel Prize in Literature.

ANSWER: Winston **Churchill** [or Sir Winston Leonard Spencer-**Churchill**]

[10] Churchill affected the history of the Middle East through this generically-named document that stated that Arabs shouldn't worry about "the disappearance or the subordination of the Arabic population... in Palestine."

ANSWER: **White Paper** [or **Correspondence with the Palestine Arab Delegation and the Zionist Organisation**]

<Bentley, History - European>

7. In the *Lokasenna*, this goddess is said to be the most "man-crazed," since she is accused of sleeping with the killer of her unnamed brother. For 10 points each:

[10] Name this goddess of youth, whose kidnapping by the giant Thiazi causes the gods of Asgard to grow old.

ANSWER: **Idunn**

[10] Idunn was said to possess these fruits, which are often interpreted as a fertility symbol. In a Greek myth, Heracles traveled to the garden of the Hesperides to retrieve some of them.

ANSWER: golden **apples**

[10] The *Lokasenna* and the *Skaldskaparmal* both describe this skaldic god of poetry as the husband of Idunn.

ANSWER: **Bragi**

<Jose, RMP - Other Myth>

8. Answer the following about British poet Ernest Dowson. For 10 points each:

[10] A Dowson poem addressed to Cynara introduced this four-word phrase, which is followed by "Flung roses, roses riotously with the throng." Margaret Mitchell borrowed this phrase to title her novel about Scarlett O'Hara.

ANSWER: "**gone with the wind**"

[10] Dowson translated this Pierre Choderlos de Laclos (*sho-dair-LOH duh la-KLOH*) novel about two rival seducers, the Marquise de Merteuil (*mar-KEEZ duh mair-TUH-ee*) and the Vicomte de Valmont, into English.

ANSWER: ***Dangerous Liaisons*** [or ***Les Liaisons dangereuses***]

[10] Arthur Symons reported that Dowson's favorite line of poetry was "The viol, the violet, and the vine" from this poem by Edgar Allan Poe, which twice repeats, "Resignedly beneath the sky / The melancholy waters lie."

ANSWER: "The **City in the Sea**"

<Kothari, Literature - British>

9. The 2015 Nobel Prize in Physics was awarded for observations on how these particles mix between different eigenstates. For 10 points each:

[10] Name these uncharged leptons.

ANSWER: **neutrinos**

[10] There are this many different neutrino eigenstates. This is the number of generations of quark, with each generation containing two quarks.

ANSWER: **three** [or **3**]

[10] The 2002 Nobel Prize in Physics was awarded for neutrino oscillation observations made by a physicist from this facility. Work done at this facility has led to seven Nobel Prizes, including as the discovery of the J/psi (*JAY-sigh* or *gypsy*) meson, which was independently discovered by scientists at SLAC.

ANSWER: **Brookhaven** National Laboratory

<Busse, Science - Physics>

10. After the death of David Smith, this critic controversially had the polychrome paint stripped from a number of Smith's sculptures. For 10 points each:

[10] Name this art critic, who declared that Modernism is "the only living culture that we now have" in his seminal essay "Avant-Garde and Kitsch."

ANSWER: Clement **Greenberg**

[10] While at *The Nation*, Greenberg became the first art critic to celebrate this leader of abstract expressionism. His drip technique was used in *Lavender Mist*.

ANSWER: Jackson **Pollock** [or Paul Jackson **Pollock**]

[10] Greenberg organized the Post-Painterly Abstraction show that featured artists from this sub-field of Abstract Expressionism. The large, one-or-two-hued canvases of Mark Rothko are emblematic of this school.

ANSWER: **color-field** painting

<Bentley, Arts - Painting>

11. This effect was first studied after it was supposedly documented in the case of Kitty Genovese's death. For 10 points each:

[10] Name this psychological effect in which an individual is less likely to respond to an emergency due to the presence of others.

ANSWER: **bystander** effect [prompt on **diffusion of responsibility**]

[10] The bystander effect was studied by John Darley and Bibb Latane, who tested it by having subjects fill out a questionnaire in a room, and then seeing how long it took for subjects to respond to this kind of event in the room when they were alone versus when they were with others.

ANSWER: the room was filled with **smoke** [accept any answers suggesting that **smoke** was pumped into the room]

[10] The bystander effect is often studied in conjunction with this other effect, in which an individual in a group is more likely to take an extreme action than when alone. It was demonstrated in a 1979 study featuring questions about the death penalty.

ANSWER: group **polarization** [or attitude **polarization**]

<Jose, Social Science - Psychology>

12. The leader of one of these conflicts supposedly snuck off to the highlands in the disguise of a workman. For 10 points each:

[10] Identify this series of conflicts, one of which was led by Lord Mar in 1715. The Young Pretender led the 1745 event of this name.

ANSWER: **Jacobite** Risings [or **Jacobite** rebellions; prompt on War of the **British Succession**]

[10] At Braemar, Lord Mar proclaimed James Francis Edward Stuart, also known as the Old Pretender, to be king of this country. This country was united with its southern neighbor, England, through the Act of Union.

ANSWER: **Scotland**

[10] The Old Pretender spent his remaining years in this city, as did the "Minerva of the North," Queen Christina of Sweden. The de facto head of this city recognized Hanoverian legitimacy in exchange for a reform of the Penal Laws.

ANSWER: **Rome** [or **Roma**; or **Vatican** City]

<Bentley, History - European>

13. The title character wins over Madame Loiseau (**lwah-ZOH**) and Cornudet (**kor-new-DAY**) by sharing the two chickens she takes out of her picnic basket with them. For 10 points each:

[10] Name this story in which the title prostitute sleeps with a Prussian officer to help her traveling companions, who snub her afterwards.

ANSWER: "**Ball of Fat**" [or "**Boule de Suif**" (**bool duh sweef**)]

[10] "Ball of Fat" was written by this French short story master. Mathilde (**mah-TEELD**) discovers that the object she borrowed from Madame Forestier was a fake in his story "The Necklace."

ANSWER: Guy de **Maupassant** (**ghee duh moh-pah-SAWN**) [or Henri René Albert Guy de **Maupassant**]

[10] The narrator edits his patron's terrible translation of the title author in this other author's story "Guy de Maupassant." The Jewish gangster Benya Krik recurs throughout his *Odessa Tales*.

ANSWER: Isaac **Babel** [or Isaac Emmanuilovich **Babel**]

<Bollinger, Literature - European>

14. This archipelago is home to a namesake penguin, which is the only penguin species found north of the equator in the wild. For 10 points each:

[10] Name this island archipelago, home to animals such as the blue-footed booby and birds known as "Darwin's finches."

ANSWER: **Galápagos** Islands

[10] In the 1980s, Peter and Rosemary Grant studied how the Galápagos finch *Geospiza fortis* showed rapid evolution of beak size due to this type of natural event, which reduced the availability of small seeds.

ANSWER: **drought**

[10] The increase in beak size of *Geospiza fortis* was an example of this type of natural selection, in which an extreme phenotype is favored over others. Giraffes get their long necks due to this type of natural selection.

ANSWER: **directional** selection

<Grames, Science - Biology>

15. The Late phase of this period saw a greater use of gumming and hafting techniques to join wood to its namesake material. For 10 points each:

[10] Identify this age during which agriculture first developed. It was followed by the Bronze Age.

ANSWER: **Stone** Age [or **Lithic** Age]

[10] One of the most important composite tools developed during the Late Stone Age was this one. Stone wrist guards from the Beaker Culture may have been used as bracers to protect one's wrist when using these tools.

ANSWER: **bow** and arrow [or bow and **arrow**]

[10] This "Iceman" who died around 3400 BC carried with him some 14 arrows and was probably killed by an arrow wound to his shoulder. He was found in the Alps in 1991.

ANSWER: **Ötzi** (**URT-see**) [or **Similaun** Man; or the Man from **Hauslabjoch**; or the **Tyrolean** Iceman; or the **Hauslabjoch** mummy]

<Bentley, History - World>

16. Henry Fillmore's works for this type of event include "Rolling Thunder," and one named after a "Bee" at one of these events. For 10 points each:

[10] Name these events where spectators often heard specialized marches known as screamers. Julius Fučík's (YOO-lee-yoos FOO-cheek's) "Entry of the Gladiators" is another piece that is often performed at these events.

ANSWER: **circuses**

[10] This "American March King" composed a handful of screamers. This director of the U.S. Marine Band wrote "The Stars and Stripes Forever."

ANSWER: John Philip **Sousa**

[10] In a standard Sousa march, this section is followed by a brief "dogfight" section. This softer, more legato section of a march usually modulates to the subdominant, in contrast to the tonic of the first two strains.

ANSWER: **trio** [prompt on **third strain**]

<Minarik, Arts - Music>

17. A miner named Hillalum is hired to dig through the firmament of the skies and meet God in this author's story "Tower of Babylon." For 10 points each:

[10] Name this Chinese-American author whose story "The Story of Your Life," which centers on deciphering the language of Heptapod aliens, was adapted into the movie *Arrival*.

ANSWER: Ted **Chiang**

[10] In "The Story of Your Life," Banks communicates with the aliens by teaching them this physicist's principle of least time. It was only in 1994 that this mathematician's "last theorem" was proved.

ANSWER: Pierre de **Fermat** [accept **Fermat's** last theorem or **Fermat's** principle of least time]

[10] *Arrival's* director, Denis Villeneuve, also directed the 2017 sequel to this 1982 film, which was based on the Philip K. Dick novel *Do Androids Dream of Electric Sheep?*.

ANSWER: **Blade Runner** [or **Blade Runner 2049**]

<Jose, Mixed/Other/General Knowledge>

18. This author wrote a post-apocalyptic novel set in a commune centered on the dwelling house iDEATH called *In Watermelon Sugar*. For 10 points each:

[10] Name this author. The narrator attempts to buy a disassembled stream at the Cleveland Wrecking Company in a scene from his novel *Trout Fishing in America*.

ANSWER: Richard (Gary) **Brautigan**

[10] The first chapter of *Trout Fishing in America* discusses the photo of a sculpture of this historical figure on its cover. This writer's autobiography discusses the origins of his "Silence Dogood" essays and *Poor Richard's Almanack*.

ANSWER: Benjamin **Franklin**

[10] Brautigan's first novel is about a Confederate general from this coastal region of California south of Monterey. In a Jack Kerouac novel titled for this region, Kerouac's alter-ego Jack Duluoz suffers a mental breakdown while staying in a cabin here.

ANSWER: **Big Sur**

<Kothari, Literature - American>

19. The *Silpa Prakasa* is a thousand-year-old treatise on the architecture of these buildings. For 10 points each:
[10] Name these buildings. In these buildings, people called *pujari* may perform ceremonies such as *aarti*, in which a flame is waved in front of an image.

ANSWER: **Hindu temples** [or **mandirs**; prompt on **temples**]

[10] The Somnath temple in Gujarat is one of the twelve shrines devoted to this god. Along with Brahma and Vishnu, he is one of the Trimurti.

ANSWER: **Shiva**

[10] Temples to Shiva often contain these objects. These objects symbolize the infinite fire Shiva came from and which he challenged Brahma and Vishnu to find the source of.

ANSWER: **lingam** [or **lingams**]

<Bailey, RMP - Other Religion>

20. In some kinds of rocks, large phenocrysts are embedded in this material. For 10 points each:

[10] Give this term for the finer-grained minerals into which larger-grained crystals are embedded.

ANSWER: **matrix** [or **groundmass**]

[10] In this class of rocks, which have a volcanic origin, phenocrysts often come suspended in the matrix. Basalt and andesite (**AN-deez-ite**) are examples of these rocks, which are classified as either extrusive or intrusive.

ANSWER: **igneous** rocks

[10] This coarse-grained rock occasionally has phenocrysts embedded in its matrix. This intrusive equivalent of basalt forms beneath Earth's surface and makes up much of the oceanic crust.

ANSWER: **gabbro**

<Jose, Science - Earth Science>

21. Scintillators are alternatives to these devices. For 10 points each:

[10] Name these devices that produce audible clicking noises in response to radioactivity.

ANSWER: **Geiger counter**

[10] Specifically, Geiger counters detect the presence of this type of radiation, which has sufficient energy to strip electrons off of a material.

ANSWER: **ionizing** radiation

[10] Hans Geiger also co-discovered an empirical law describing the time-scale of this process. Later, George Gamow (**GAM-off**) rigorously proved that law by assuming that this process occurs via quantum tunneling.

ANSWER: **alpha decay** [prompt on **decay**]

<Prieto, Science - Physics>

