

PACE NSC 2022 - Round 09 - Tossups

1. The defeat of a 1920 rebellion that brought this modern-day country's two main religious groups together sold the British on the concept of "aerial policing." A ruler of this country supposedly imported 4,000 PlayStation 2 consoles to power military drones. A judo-loving king of this country was killed in the 14 July Revolution orchestrated by Abd al-Karim Qasim. Operation Opera destroyed a reactor in this country. The UN's (*) Oil-for-Food program provided humanitarian aid to this country in the 1990s. A coup in this country once ruled by King Faisal II ousted other members of its Ba'ath party in favor of a dictator who launched the Al-Anfal genocide against the Kurds. For 10 points, name this country long ruled by Saddam Hussein.

ANSWER: Iraq [or Republic of Iraq]

<Michael Bentley, History - Cross, Historiography, and Miscellaneous> ~22955~

2. This artist was the star performer on a song often called the "anthem" of the Jazz at the Philharmonic concert series. The first release for Verve Records had this artist featured on Cole Porter's "Let's Do It, Let's Fall in Love," part of eight "songbook" albums. This artist's best-selling record was followed up by the less successful "I Found My Yellow (*) Basket," and had lyrics derived from a nursery rhyme. This artist toured for three years as a bandleader following the death of Chick Webb and popularized the standard "A-Tisket, A-Tasket." A verse on this woman's performance of "How High the Moon" begins, "Boo bi yoo bi," employing a technique also used by Louis Armstrong. For 10 points, name this "First Lady of Song" famed for her scat singing.

ANSWER: Ella Fitzgerald [or Ella Jane Fitzgerald]

<Michael Bentley, Fine Arts - Jazz> ~23875~

3. Mass loss to a binary partner can form extremely low-mass white dwarfs composed primarily of this element. A degenerate core of this element will uniformly heat up until 10^8 K ("ten to the eighth Kelvin"), at which point it will produce an enormous pulse of energy that is quickly converted into thermal expansion. After exhausting this element in the core, stars leave the horizontal branch to become asymptotic (*) red giants. The mass percent of elements heavier than this element is the metallicity. Every loop of the CNO cycle produces one atom of this element, which is the input to the triple-alpha process. Main-sequence stars can fuse two hydrogen atoms together to form, for 10 points, what second-most-abundant element in the universe?

ANSWER: helium [or He]

<Benjamin Chapman, Science - Astronomy> ~23878~

4. In the 19th century, both Alphonse de Lamartine ("al-FONSS duh lah-mar-TEEN") and Giacomo Leopardi ("JACK-oh-moh LAY-oh-PARD-ee") imagined "last songs" for this author. One poem by this author declares "some men say the navy's the loveliest thing ... but I say it's whatever you love." In 2014, Dirk Obbink published a fragment of a poem by this author mentioning a relative named Charaxus. This author used namesake four-line stanzas in both the (*) "Brothers Poem" and in a poem that asks "don't ... crush down my spirit" and "fight as my comrade." That poem by this author addresses an "iridescent-throned" and "deathless" "child of Zeus." "Ode to Anactoria" and "Ode to Aphrodite" are among the many fragments by — for 10 points — what ancient Greek female poet who lived on Lesbos?

ANSWER: Sappho of Lesbos

<Michael Bentley, Literature - European - Other> ~22880~

5. An International Corporation for the makers of these things was co-founded by Ed Benguiat (“ben-gat”), a man who names one of these things used by *Stranger Things*. One of these things not publicly released until 2007 was used in a forgery that, when revealed, barred Pakistani politician Maryam Nawaz Sharif from ever holding public office. One of these things called Perpetua was designed by sex criminal Eric Gill. Apple developed the (*) ttf (“t-t-f”) file format for these things. The Federal Highway Administration mandates the use of one of these things called Highway Gothic that was designed for legibility. One of these things called Calibri became the new default in the Office suite in 2007. For 10 points, name these things that include Times New Roman.

ANSWER: typeface [or font family; or computer font; accept TrueType; prompt on typography or letters or symbols or alphabets or characters]

<Michael Bentley, Other - Other Academic and General Knowledge> ~23190~

6. A “mad” holder of this title supposedly cast a cow’s butt in gold and attempted to find a woman whose rear matched it. Another holder of this title would disguise himself and decapitate any coffee drinkers. Some relatives of the holder of this title were placed under house arrest under the *kafes* system. An earlier holder of this title used a silken cord to strangle all 19 of his (*) brothers. The mother of this title’s holder, the *valide*, held true power for about 100 years beginning in the 1530s. The holder of this title maintained good relations with his military by each year giving them plates full of baklava made in Topkapı Palace. For 10 points, Mehmed II held what position whose holders ruled an empire from Istanbul?

ANSWER: Ottoman Emperor [or Ottoman Sultan; or Kayser-i-Rum or Osmanlı padişahı; prompt on rulers of the Ottoman Empire or Ottoman rulers; prompt on sultan or emperor] (The first clue refers to Ibrahim the Mad, who was subject to the *kafes* system.)

<Michael Bentley, History - World - Middle Eastern> ~22453~

7. A supposedly “non-poisonous” variety of this product that is actually poisonous causes Trina to amputate her fingers in Frank Norris’s *McTeague*. A character is selected as one of the “Solid Men of Boston” as a result of his success from selling a type of this product; that character is Silas Lapham. While fighting Lucius Brockway, the protagonist of a different novel accidentally sets off a (*) boiler-room explosion at a factory that makes this product. That character works for a company that produces a variant of this product marketed as “Liberty” but later leaves it to join the Brotherhood, as told in Ralph Ellison’s *Invisible Man*. Aunt Polly punished Tom Sawyer by forcing him to use, for 10 points, what substance to whitewash their fence?

ANSWER: paint [accept house paint; accept whitewash before mentioned; prompt on minerals]

<Jon Suh, Literature - American> ~22502~

8. Fi·lip·in is used to stain for this substance when diagnosing for Type C Niemann–Pick disease, while its intestinal absorption can be lowered by inhibiting NPC1-like protein by ezeti·mibe. Receptors for EGF, transferrin, and for a transporter for this compound are the most understood examples of clathrin-mediated endocytosis. This compound’s side chain is hydroxylated at the C20 and C22 positions and cleaved to produce preg·ne·no·lone, which can be acted on by 3-beta HSD and 17-alpha (*) hydroxylase. HMG-CoA reductase is the rate-controlling enzyme in the production of this compound’s precursor mevalonate; that reaction is inhibited by statins. Steroids are synthesized from, for 10 points, what compound transported by LDL?

ANSWER: cholesterol

<Victor Prieto, Science - Biology> ~23172~

9. William Loper's prosthetic hook can be seen in this artist's painting *Snow Hill*. This artist's brother-in-law Peter Hurd taught him the egg-tempera technique he used to paint model and studio companion Willard Snowden. A boy in earflaps runs down Kuerner's ("KER-ner's") Hill in this artist's *Winter 1946*, the first painting since his illustrator father was killed. Model Siri Erickson stands nude with her back to the viewer in this artist's *Indian Summer*, painted in (*) Cushing, Maine. In one of this artist's paintings, a woman in a pink dress crawls in the direction of the Olson House. *Time* ran a cover story on this artist's series of paintings of his neighbor Helga Testorf. For 10 points, name this American realist painter of *Christina's World*.

ANSWER: Andrew Wyeth [or Andrew Newell Wyeth]
<Michael Bentley, Fine Arts - Painting - U.S.> ~22482~

10. A form of this activity motivated by "loving-kindness" has been popularized by Sharon Salzberg. In addition to interfering with ordinary self-improvement, sloth and the other "five hindrances" specifically hinder this activity. Things such as a decomposing corpse or a colored disc called a *kasina* can serve as a "place of work" for this activity in the "Forest Tradition" of Thailand. During his nine years in a cave, (*) Bodhidharma developed a type of this practice called *zazen*. Stages called *dhyāna* make up this practice, which may focus on "mindfulness of breathing." This practice can help one achieve "right concentration" on the Eightfold Path. For 10 points, name this contemplative, calming mental exercise popular among Buddhists.

ANSWER: meditation [or word forms like meditating; accept dhyāna or jhāna until "dhyāna" is read; prompt on mindfulness or concentration]
<Michael Bentley, RMP - Buddhism> ~23773~

11. H. V. Kaltenborn broadcast 102 dispatches on proceedings in this city, changing American expectations for radio news coverage. News of a document signed in this city foiled the Oster Conspiracy. That same document signed in this city came about following the issuance of the Godesberg ("GOH-dess-behrg") Memorandum. Édouard Daladier signed a document in this city that the government of (*) Edvard Beneš ("BEH-nesh") considered a "betrayal." A document signed in this city was read out in the UK at Heston Aerodrome and then a second time at 10 Downing Street, where it was called a "peace for our time." For 10 points, name this German city where Neville Chamberlain agreed to Adolf Hitler's demands to cede the Czech Sudetenland to the Nazis.

ANSWER: Munich [or München; accept Munich Crisis or Munich Agreement or Munich Betrayal]
<Michael Bentley, History - European - 1900+> ~22473~

12. Supply constraints are driving NMC oxides used in these devices towards more N and less C. Potassium hydroxide that leaks from these devices will react with CO₂ to form white carbonates. Akira Yoshino introduced a design for these devices that avoids memory effects and was commercialized by Sony. The buildup of gas in these devices can cause them to (*) pillow. The manufacture and subsequent recycling of these devices provides the majority of both the US's lead demand and its supply. Reusable examples of these devices have become more energy dense as nickel-cadmium varieties are replaced by lithium-ion. For 10 points, name these portable devices that provide power and may be recharged.

ANSWER: electric batteries [accept car batteries or rechargeable batteries or nickel-cadmium batteries or lead-acid batteries or lithium-ion batteries or galvanic cell or voltaic cell; or phone batteries; accept battery in place of "batteries"; prompt on electrochemical cells]
<Kevin Wang, Science - Engineering and Miscellaneous> ~23361~

13. Jewish housewives in Manhattan's Lower East side led a 1902 boycott of this good against the trust Schwarzschild & Sulzberger. J. B. Sutherland's invention of "reefers" for this good led to the rise of the Armor and Swift corporations. In a 1933 majority opinion, Charles Evans Hughes ruled that the NIRA (N-I-R-A) was unconstitutional in a case brought by a company selling this good, which was sold (*) "embalmed" to soldiers during the Spanish-American War. One author claimed that he "aimed for the public's heart" but "hit it in the stomach" regarding a 1906 exposé about Union Stockyards workers processing this good. For 10 points, Upton Sinclair's *The Jungle* details the horrible conditions of workers processing what foodstuff?

ANSWER: meat [accept specific meats like chicken, beef, etc.; accept poultry; accept meatpacking; accept Kosher meat; prompt on food] (The case in question was the "Sick Chicken" case.)

<Hari Parameswaran, History - American - 1865-1945> ~22967~

14. This character scandalizes a court by describing people who "cannot contain their urine" when they hear bagpipes. After this character defends himself by citing Jacob grazing the sheep of Laban, another character remarks, "The devil can cite Scripture for his purpose." This character is devastated when he learns his daughter bought a monkey using his stolen turquoise ring. A speech addressed to this character begins "The quality of (*) mercy is not strain'd / It droppeth as the gentle rain from heaven." In a monologue, this father of Jessica asks, "If you poison us, do we not die?" and "If you prick us, do we not bleed?" He loans 3,000 ducats to Antonio for a pound of flesh. For 10 points, name this Jewish moneylender from *The Merchant of Venice*.

ANSWER: Shylock

<Michael Bentley, Literature - British - Drama> ~15660~

15. A piece titled for this adjective begins with a piano playing two quick C-sharps that are then echoed by two quick thunderous C-sharp major chords. A 1946 Academy Award for Best Short Subject was awarded to a *Tom and Jerry* short featuring a piece titled for this adjective titled "The Cat Concerto." A collection of pieces titled for this adjective that were inspired by the *verbunkos* dance utilized a form consisting of a slow (*) *lassan* first half and a fast *friska* second half. A set of 19 virtuosic piano pieces titled for this adjective expanded upon the compositional techniques utilized in the composer's earlier *Transcendental Études*. For 10 points, name this adjective that describes a series of Franz Liszt rhapsodies inspired by his native country's music.

ANSWER: Hungarian [accept Hungarian Rhapsodies]

<Wonyoung Jang, Fine Arts - Music - Romantic> ~24214~

16. A wave of "analytic" reinterpretation of this philosopher's thought centered at the University of Pittsburgh produced Robert Brandom's book *A Spirit of Trust. An Introduction to the Reading of this philosopher* that helped integrate his work into French theory was written by Alexandre Kojève. Bruno Bauer and Ludwig Feuerbach ("FOY-urr-bahk") were members of a group known as the (*) "Young" followers of this philosopher, which secularized this philosopher's concept of the *geist* ("guyst"). Karl Marx's materialism was largely a reaction against this philosopher's idealism, although Marx's theory of history was greatly influenced by this philosopher's dialectic. For 10 points, name this German philosopher of *The Phenomenology of Spirit*.

ANSWER: Georg Wilhelm Friedrich Hegel [or G. W. F. Hegel; accept Hegelianism]

<Anson Berns, RMP - Philosophy> ~23395~

17. Ben Schreckinger's book on this family's "Fifty-Year Rise to Power" highlights one member's shady relationships with hitman Frank Sheeran. One member of this family founded a private-equity firm with former Abercrombie & Fitch model Devon Archer. Another member of this family works at Northern Virginia Community College as an (*) English professor. In October 2020, Twitter and Facebook controversially blocked a *New York Post* story about a member of this family who served on the board of Ukrainian energy firm Burisma. The patriarch of this family promised his dying son Beau not to challenge Hillary Clinton in 2016. For 10 points, name this family of son Hunter and First Lady Jill.

ANSWER: the Bidens [accept Joe Biden or Hunter Biden or Jill Biden or Beau Biden or Jim Biden]

<Michael Bentley, Current Events - U.S.> ~23567~

18. This novel was published in two volumes with red and green covers, the latter referencing a woman whose name means "green," as preserved in Alfred Birnbaum's translation. This novel was adapted from a story published in the author's later collection *Blind Willow, Sleeping Woman*, titled "Firefly." After flying to Hamburg, this novel's protagonist reminisces about a friend who committed suicide at 17. This novel's protagonist, whose roommate is the neurotic cartographer (*) "Storm Trooper," visits a woman in the mountain sanatorium where she stays with Reiko ("RIKE-oh"). In this novel, Midori and Naoko ("nye-OH-koh") are recalled by Toru Watanabe ("wat-ah-NAH-bay") after he hears a certain track from *Rubber Soul*. For 10 points, name this Haruki Murakami novel titled for a Beatles song.

ANSWER: Norwegian Wood [or Noruegi no Mori]

<Joseph Krol, Literature - World and Miscellaneous> ~23700~

19. A hero on a quest to kill one of these animals received shelter from an old woman named Hecale ("HEH-cuh-lee"). A bronze torture device in the shape of one of these animals, owned by the tyrant Phalaris ("FA-luh-riss"), was legendarily used to roast criminals to death. The river god Achelous ("AK-ih-LOH-uhs") lost a body part while fighting Heracles in the form of one of these animals. A fresco discovered at the Palace of (*) Knossos depicts athletes "leaping" over one of these animals. After Poseidon sent one of these animals to Crete to be sacrificed, King Minos kept it for himself; outraged, Poseidon made Minos's wife fall in love with it. For 10 points, name this type of animal whose union with the Cretan queen Pasiphaë ("puh-SIH-fee-ee") produced the Minotaur.

ANSWER: bulls [or oxen; accept cattle; do not accept or prompt on "cows"]

<Matthew Bollinger, RMP - Greco-Roman Mythology> ~23990~

20. An integral with respect to this quantity is set equal to zero in the "equal area rule" following from Maxwell's construction. An expansion in powers of one over this extensive quantity comprises the virial equation of state. In one equation, "n squared divided by this quantity squared" is multiplied by "a" to give a correction due to intermolecular forces. An "excluded" type of this quantity is symbolized (*) "b" in one equation of state. This quantity is held constant in the usual statement of Gay-Lussac's law. The van der Waals equation accounts for atoms having nonzero values for this quantity. According to the ideal gas law, "n R T" equals this quantity times pressure. For 10 points, name this quantity measured in meters cubed.

ANSWER: volume [accept excluded volume; prompt on V]

<Joseph Krol, Science - Physics> ~23025~

21. A civil war in this country is the setting of a recent novel about its “missing trees” and caused the resort of Varosha to close for 50 years. The editor of the right-wing *Makhi* newspaper was briefly made president of this country. The United Kingdom retained bases at Akrotiri and Dhekelia following this country’s independence. In 1971, General Grivas returned to this country to advocate a unification policy called (*) *enosis* opposed by Archbishop Makarios. In 2004, a two-state solution in this country was rejected prior to its joining the EU. The Green Line in this country divides a portion of it only recognized from Ankara. For 10 points, name this Mediterranean island country mostly divided between its Turkish and Greek populations.

ANSWER: Cyprus [or Republic of Cyprus; accept Northern Cyprus or Turkish Republic of Northern Cyprus or TRNC] (the novel is titled *The Island of the Missing Trees* and is by Elif Shafak)

<Michael Bentley, History - European - 1900+> ~22997~

PACE NSC 2022 - Round 09 - Bonuses

1. A 13-year-old model known as “Cecco (“**CHECK-oh**”) del [This Artist]” appears in this artist’s notorious painting *Eros Triumphant*. For 10 points each:

[10] Name this Baroque artist who inspired a group of Utrecht artists such as Hendrik ter Bruggen and Gerard van Honthorst. His erotic painting *Boy with a Basket of Fruit* is on view at the Galleria Borghese (“**bore-GAY-zee**”).

ANSWER: **Caravaggio** [or Michelangelo **Merisi** da Caravaggio; or Michele Angelo **Merigi** da Caravaggio]

[10] Like Artemisia Gentileschi, Caravaggio painted a bloody scene of Judith severing this body part from Holofernes.

ANSWER: his **head** [accept **beheading**]

[10] Cecco del Caravaggio painted a version of this scene now in Chicago. The central figure holds a red and white banner above a group of soldiers, one of whom lacks legs, in Piero della Francesca’s version of this scene.

ANSWER: **Resurrection** of Jesus Christ [accept any answer involving Christ’s **resurrection**]

<Michael Bentley, Fine Arts - Painting - European> ~18720~

2. Approximations for this problem have improved very marginally since Nicos Christofides established a bound of $3/2$ in 1976. For 10 points each:

[10] Name this problem. Solving or even approximating this problem to within a percent is NP-hard.

ANSWER: **traveling salesperson** problem [or **traveling salesman** problem; or **TSP**; accept graphical or metric **traveling salesperson** problem]

[10] Traveling salesperson can be simplified by assuming equal lengths for all of these components of the graph, which join vertices together.

ANSWER: **edges**

[10] Traversing one of these data structures is no worse than twice as bad as the optimal solution to TSP. These data structures can be constructed by repeatedly selecting the cheapest edge or removing the most expensive one in algorithms named for Prim and Kruskal respectively.

ANSWER: **minimum spanning trees** [or **MSTs**; prompt on **trees** or **spanning trees**]

<Michael Bentley, Science - Computer Science> ~18121~

3. A struggling copywriter in this country is the protagonist of *A Hero’s Walk* by Anita Rau Badami. For 10 points each:

[10] Name this home country of the title character of *Life of Pi* by the Canadian author Yann Martel. The lives of Estha (“**ESS-tah**”) and Rahel are the subject of *The God of Small Things*, a novel by this country’s author Arundhati Roy.

ANSWER: Republic of **India**

[10] Other Canadian novels set in India include this author’s book *A Fine Balance*. This author’s Booker-shortlisted novel *Such a Long Journey* attracted controversy for its depiction of Marathi speakers.

ANSWER: Rohinton **Mistry**

[10] A childhood spent in India influenced collections like the phenomenally popular *Milk and Honey* by this Canadian “Instapoet.”

ANSWER: Rupi **Kaur** (“**core**”)

<Joseph Krol, Literature - World and Miscellaneous> ~18809~

4. This thinker's legacy was shaped by his legal heir, Jacques-Alain Miller. For 10 points each:
 [10] Name this thinker who established the Freudian School of Paris. This thinker outlined his idea of the mirror stage in his seminar "La relation d'objet."
 ANSWER: Jacques **Lacan** [or Jacques Marie Émile **Lacan**]
 [10] The group Psych at Po built on Lacan's ideas but used psychoanalysis to weaken adherence to behaviors exhibiting this trait. "Toxic" manifestations of this trait might promote bullying and domestic violence.
 ANSWER: **masculinity** [accept toxic **masculinity**]
 [10] Lacan divided this Freudian phenomenon into the symbolic, the real, and the imaginary. This phenomenon often occurs during psychotherapy when a patient projects their feelings onto the neutral psychoanalyst.
 ANSWER: **transference** [accept word forms]
 <Michael Bentley, Social Science - Psychology> ~19221~
5. Confocal microscopy improves a form of microscopy that relies on this phenomenon by using a pinhole aperture to reject out-of-focus light. For 10 points each:
 [10] Name this form of luminescence in which a molecule excited by light emits a lower energy photon as it transitions between two singlet states.
 ANSWER: **fluorescence**
 [10] Confocal microscopy may be used to study these systems formed by microorganisms which stick to each other and a surface. They contain a matrix of extracellular polymeric substances such as exopolysaccharides.
 ANSWER: **biofilms**
 [10] Light sheet microscopy setups use two of these components oriented perpendicularly to image more quickly and with less photodamage than fluorescence microscopy. These lenses are closer to the eyepiece and are changed to adjust the microscope's magnification.
 ANSWER: **objective** lenses [or **objectives**]
 <Jonathen Settle, Science - Chemistry> ~18962~
6. The Hittites appropriated a cycle of myths told by these people, in which the sky god Teshub fights against the genderless giant rock Ullikummi (OO-lee-COO-mee). For 10 points each:
 [10] Name these people of the ancient Near East, whose myths include the influential "Song of Kumarbi."
 ANSWER: **Hurrians** [or **Huri**; or **Khurri**; or **Khurrites**]
 [10] Like this Greek Titan, Kumarbi castrates his father and is tricked into swallowing a stone. This leader of the Titans was the father of Zeus.
 ANSWER: **Cronos** [or **Saturn**]
 [10] The Greek creation myth has often been compared to the one found in this Babylonian epic, which depicts the conflict between Marduk and Tiamat.
 ANSWER: **Enuma Elish** [or **When on High**; accept the **Seven Tablets of Creation**]
 <Matthew Bollinger, RMP - World Mythology> ~19184~
7. This film's 78 camera setups and 52 cuts provide the title to Alexandre O. Philippe's investigation of it, 78/52. For 10 points each:
 [10] Name this film remade in a critically panned shot-by-shot production directed by Gus Van Sant, which did not use the chocolate syrup from the most iconic scene in the original version of this film.
 ANSWER: **Psycho** (the syrup was used to represent blood in the shower scene)
 [10] The original *Psycho* was directed by this man, who also directed *Vertigo*.
 ANSWER: Alfred **Hitchcock** [or Sir Alfred Joseph **Hitchcock**]
 [10] The LaserDisc Deluxe Edition of Alfred Hitchcock's *Psycho* was the first release of the film to be certified by this company, which George Lucas founded to ensure high-quality audio in movie theaters.
 ANSWER: **THX** Ltd. [prompt on **Lucasfilm**]
 <Michael Bentley, Fine Arts - Film> ~19322~

8. A 1217 charter guaranteed free men access to royal examples of these places in England. For 10 points each:
[10] Identify these places whose “Swain•motes” courts were abolished by Henry VII. A “new” one of these places in Hampshire was established by the Normans and was important to the Royal Navy.

ANSWER: **forests** [or royal **forests**; accept answers like **woods**]

[10] The Charter of the Forest was agreed to by Henry III, the successor to this monarch who agreed to the Magna Carta. This “bad king” was the younger brother of Richard the Lionheart.

ANSWER: **John** I [or **John** Lackland]

[10] Records from this book indicated that Sherwood Forest covered about a quarter of Nottinghamshire (“NOT-ing-ham-shur”). This “Great Survey” was commissioned by William the Conqueror for tax purposes.

ANSWER: **Domesday Book** [accept **Doomsday Book** or **Liber de Wintonia** or **Book of Winchester** or **Great Domesday** or **Little Domesday**]

<Michael Bentley, History - European - Middle Ages> ~17889~

9. A parody by Friedrich Nicolai describes how chicken blood foils this fictional event, which allegedly caused a “fever” of copycat events across 1770s Europe. For 10 points each:

[10] Name this event, which is achieved at the end of one novella using pistols belonging to Albert. This event leads to the protagonist’s love Lotte (“lottie”) becoming distraught.

ANSWER: the **suicide** of Young **Werther** (“VERT-ur”) [or the **death** of Young **Werther** or clear equivalents; prompt on **suicide** or **death** or similar, asking “of which character?”; prompt on the **finale** of *The Sorrows of Young Werther* or similar answers that do not mention death explicitly]

[10] The publication of *The Sorrows of Young Werther* led to massive overnight success for this German author of *Faust*.

ANSWER: Johann Wolfgang von **Goethe** (“YO-han VOLF-gang von GURT-uh”)

[10] After his death, Werther is buried beneath two of these specific things. The most famous work by the medieval German poet Walther von der Vogelweide (“VAL-tur von dur VOH-gull-vid-uh”) describes how two lovers meet under one of these specific things.

ANSWER: **linden** trees [or **lime** trees; accept Under den **Linden**; prompt on **trees**, asking “which type?”]

<Joseph Krol, Literature - European - Short Fiction> ~18748~

10. For 10 points each, answer the following about leaders who worked in factories abroad during their political exile.

[10] This man, *Time*’s Man of the Year in both 1978 and 1985, spent time in France working in a tractor factory after falling from favor. This paramount leader introduced the “Four Modernizations” to his country’s economy.

ANSWER: **Deng Xiaoping** [or **Deng Xixian**; or **Teng Hsiao-ping**; or **Xiansheng**; or **Xixian**]

[10] Giuseppe Garibaldi worked in a candle factory in New York after leaving this capital of the Papal States under pressure from a French siege.

ANSWER: **Rome** [or **Roma**]

[10] While working in a New Orleans cigar factory, this Oaxaca (“waa-HAA-kuh”) native helped draft an 1854 plan calling for the removal of Antonio López de Santa Anna.

ANSWER: Benito **Juárez** [or Benito Pablo **Juárez** García] (The plan is the Plan of Ayutla.)

<Jon Suh, History - Cross, Historiography, and Miscellaneous> ~13485~

11. These animals carry *Borrelia burgdorferi*. For 10 points each:

[10] Name these animals in the order Ixodidae (**ICK-saw-dih-die**) which carry Lyme disease and ba-be-siosis. They come in deer and dog types.

ANSWER: **ticks** [accept deer **ticks** or dog **ticks**]

[10] Early-stage Lyme disease can be treated with a course of an antibiotic in this drug class that inhibits translation by reversibly binding to the 30S subunit of the bacterial ribosome. Its name refers to a set of fused structures labeled A through D.

ANSWER: **tetracycline** [accept **doxycycline**]

[10] Ticks also carry *Rickettsia rickettsii*, (**rick-ETT-see-uh rick-ETT-see-”eye”**) the causative agent of a “spotted fever” named for this geographic region. Cases of the disease are more commonly found in central regions of the US.

ANSWER: **Rocky Mountains** [or **Rocky Mountain spotted fever**]

<Benjamin Chapman, Science - Biology> ~18331~

12. This group, co-founded by Julia Wolfe, stages a summer festival at the Massachusetts Museum of Contemporary Art. For 10 points each:

[10] Name this group that staged a twelve-hour contemporary classical music concert at the Exit Art gallery in New York in 1987.

ANSWER: **Bang on a Can**

[10] This composer’s ballet *Agon* was first premiered in America at the 1987 Bang on a Can concert. Another ballet that he composed, *The Rite of Spring*, disastrously premiered at the Théâtre des Champs-Élysées.

ANSWER: Igor **Stravinsky** [or Igor Fyodorovich **Stravinsky**]

[10] At the first Bang on a Can concert, Pauline Oliveros organized a “Meditation” where the audience was invited to participate in this process. A440, or the Stuttgart pitch, is often used as a standard for this process.

ANSWER: **tuning** [accept “**Tuning** Meditation”]

<Michael Bentley, Fine Arts - Music - Recent> ~18122~

13. For 10 points each, identify the following about fictional births that ended in tragedy.

[10] In this Bret Harte story, Cherokee Sal dies in childbirth, and her son later dies in a flood.

ANSWER: “The **Luck of Roaring Camp**”

[10] Sam Craig goes to Grover’s Corners for the funeral of Emily Webb, who dies giving birth to her second child in this play by Thornton Wilder.

ANSWER: **Our Town**

[10] In this novel, Sissy Rommely has ten stillbirths before adopting a daughter and giving birth to a son. Sissy is Katie’s oldest sister and is often called Aunt Sissy by Francie in this novel.

ANSWER: *A **Tree Grows in Brooklyn***

<David Reinstein, Literature - American> ~19063~

14. This term names types of “pressure” that support white dwarfs and neutron stars. For 10 points each:

[10] Name this term, which also refers to a situation in which multiple states or orbitals in a system have the same energy level.

ANSWER: **degeneracy** [accept **degenerate** states or electron **degeneracy** pressure or neutron **degeneracy** pressure]

[10] Degeneracy pressure results from an “exclusion principle” named for this Austrian physicist, which states that two identical fermions cannot simultaneously occupy the same quantum state.

ANSWER: Wolfgang **Pauli** (“**POW-lee**”) [accept **Pauli** exclusion principle]

[10] In another context, degeneracy can be “lifted” by breaking a system’s symmetry, as shown by this effect in which spectral lines are split by applying a magnetic field.

ANSWER: **Zeeman** (“**ZAY-mun**”) effect

<Joseph Krol, Science - Physics> ~18150~

15. The Apuan Alps near this town provided the raw material for Michelangelo's *Pietà*. For 10 points each:

[10] Identify this Italian town that is famous for both its anarchism and its namesake marble.

ANSWER: Carrara

[10] Workers in Carrara's marble quarries ate Lardo di Colonnata, a food made from the back fat of these animals. Meat from these animals is part of a BLT sandwich.

ANSWER: domestic pigs [accept swine or hogs]

[10] An alternative source of marble was the island of Paros, part of this group of islands in the Aegean Sea that also includes Naxos and Delos.

ANSWER: Cyclades [or Kykládes]

<Michael Bentley, Geography - Europe> ~17891~

16. Muhammad advised that utensils be washed seven times if licked by one of these animals. For 10 points each:

[10] Name these animals traditionally reputed to be impure in Islam, leading to low ownership rates among Muslims. A verse in the Quran allows for the use of these animals for hunting.

ANSWER: dogs [or kalb; prompt on canines]

[10] One of these texts, collected in the *Bukhari Sharif*, holds that "Angels do not enter a house wherein there is a dog." These records of Muhammad's sayings and deeds may have an *isnad* listing their transmission.

ANSWER: hadiths [or ahādīth; or Athar]

[10] This school of Islamic jurisprudence prominent in North Africa is alone in not holding that dogs are unclean. The main Sunni schools are Hanbali, Shafi'i and Hanafi, and this one.

ANSWER: Maliki

<Michael Bentley, RMP - Islam> ~18882~

17. A shade of pale-cream brown traces its name to a story where this monarch pledged not to change her bodice until the siege of her home city was lifted, a campaign that took six months. For 10 points each:

[10] Name this monarch, a child of Henry IV the Impotent who co-issued the Alhambra Decree.

ANSWER: Queen Isabella I of Castille

[10] This man legendarily balanced an egg to demonstrate his initiative in launching an expedition. Another legend claims that Isabella pawned her jewelry to pay for his voyages on the *Niña*, *Pinta* and *Santa Maria*.

ANSWER: Christopher Columbus [or Cristóbal Colón; or Cristoforo Colombo; or Cristoffa Corombo]

[10] That same egg legend has been attributed to the architect of this building, which contains Vasari's *The Last Judgment* and the *Funerary Monument to Sir John Hawkwood*.

ANSWER: Florence Cathedral [or Duomo di Firenze; or Cathedral of Saint Mary of the Flower; or Cattedrale di Santa Maria del Fiore] (the architect is Filippo Brunelleschi)

<Michael Bentley, Other - Other Academic and General Knowledge> ~18221~

18. 13th-century Flemish traveler William of Rubruck noted how men "would in no circumstances hang up their quivers on the women's side" in one of these places. For 10 points each:

[10] Name these structures found alongside wagons in palace camps known as an *ordo*. Half of the residents of modern-day Ulaanbaatar still live in these types of tents.

ANSWER: yurts [or ger; or tirmä; or kiiz úy; or jurta; accept city ger]

[10] These people's women were responsible for managing yurts and ordos. These people conquered great territories under Genghis Khan.

ANSWER: Mongols [or Mongolians]

[10] After a wedding in modern-day Mongolia, the groom traditionally builds a new yurt, followed by the bride performing this duty. In Japan, Sen no Rikyu codified practices around this ritual.

ANSWER: serving tea to relatives [or drinking tea; or conducting a tea ceremony; accept any answers involving tea; prompt on descriptions of serving drinks]

<Michael Bentley, History - World - Asian> ~13632~

19. This author and a younger contemporary were treated by Dr. W. H. R. Rivers while at Craiglockhart Hospital, an institution where he wrote the poem "Dreamers." For 10 points each:

[10] Name this author who appears in Pat Barker's *Regeneration* trilogy. The "pallid, unshaved and thirsty" speakers of a poem by this author describe a scene where "bulged, clotted heads slept in the plastering slime" before "the rain began."

ANSWER: Siegfried **Sassoon** [or Siegfried Loraine **Sassoon**]

[10] Sassoon's "Counter-Attack" is set during this conflict, as is Wilfred Owen's "Dulce et Decorum Est."

ANSWER: **World War I** [or **First World War**; or **Great War**]

[10] Sassoon also appears in *Good-Bye to All That*, a memoir that describes this author's time in the Royal Welch Fusiliers. This author also wrote *I, Claudius*.

ANSWER: Robert **Graves** [or Robert von Ranke **Graves**]

<Michael Bentley, Literature - British - Other> ~18980~

20. Answer the following about militias in early American history, for 10 points each:

[10] These self-trained groups of colonists that fought at Lexington and Concord received their nickname from how quickly they would respond to a call to arms.

ANSWER: **minutemen**

[10] The first federal bill addressing militias was passed in response to Arthur St. Clair's disastrous loss to this tribe's leader Blue Jacket. A later leader of this tribe was defeated at Prophetstown.

ANSWER: **Shawnee**

[10] Governor Thomas Ford ordered a militia based out of this city to disband after they ransacked its *Expositor* newspaper. One group moved to this city after they were expelled by Lilburn Boggs.

ANSWER: **Nauvoo**, Illinois

<Michael Bentley, History - American - Pre-1865> ~18201~

21. For 10 points each, identify the following about stops on a typical voyage from England to India in the 18th century.

[10] This Portuguese city was a common resupplying port. English ships would often stock up on this city's namesake fortified wine.

ANSWER: **Madeira**

[10] Passengers often complained about the poor quality of the Dutch food when stopping in this city. A view of Table Mountain in this South African city was one of the few breaks in the monotony of the naval landscape on the voyage.

ANSWER: **Cape Town**

[10] A common destination was this city, whose first English factory was established at Fort St. George in 1639. This city is the modern-day capital of Tamil Nadu.

ANSWER: **Madras** [or **Chennai**]

<Michael Bentley, Geography - World> ~17885~