



NSC 2018 - Round 16 - Tossups

1. A love interest of this character who first comes to town on a contract for paving sidewalks eventually tells her "he was not a marrying man." The men in the town attend this character's funeral "through a sort of respectful affection for a fallen monument." She once bought a complete silver toilet set that was engraved with the letters H. B. and, in her forties, taught lessons in china-painting. After her father passes away, this woman is exempted from taxes by Colonel (*) Sartoris, although a city council later sends a crew equipped with lime to secretly de-stench her house in the night. After the death of this recluse, the body of her one-time lover Homer Barron is found in her house. For 10 points, William Faulkner wrote a short story titled for "a rose for" what character?

ANSWER: Emily Grierson [or Emily Grierson; or Miss Emily; or "A Rose for Emily"]
<Bentley, Literature - American>

2. These people were the subject of "true document" and "chivalry" films popular in the 1960s. In the 19th century, many "third-country people" became a type of these people known as "violent ones." Their name derives from a "good for nothing" score of 20 in a card game. A market for prosthetic fingertips has developed to help these people stay incognito after going through a traditional (*) forgiveness ritual. They often have full back tattoos and fashion themselves as "town-defenders," or *machi-yokko*. They control many pachinko parlors, and the largest of their organizations is called the Yamaguchi-Gumi. For 10 points, give this name for members of the Japanese mafia.

ANSWER: Yakuza [or bōryokudan; accept Japanese mafia members or Japanese organized crime members until "Japanese" is read]
<Bentley, History - World>

3. Alfred-Marie Liénard (lyay-NARR) derived a nastily complex relativistic formula for this quantity in electromagnetism involving the square of the cross product of beta with the time derivative of beta. The value of this quantity for an accelerating point charge is proportional to charge squared times acceleration squared according to the Larmor formula, which is derived by noting that this quantity equals the flux of the Poynting vector through a surface. The value of this quantity transmitted by a wave equals (*) intensity divided by area. This quantity can be calculated by the dot product of force and velocity, or current times voltage. For 10 points, name this quantity that represents work done per unit time, which is measured in watts.

ANSWER: power
<Busse, Science - Physics>

4. A company based in this city that owns such eyeglass brands as Oliver Peoples and Ray-Ban is called Luxottica. A design movement founded in this city that takes its name from a Bob Dylan song made heavy use of plastic laminate in its postmodern furniture popular in the 1980s. The Memphis Group was formed in this city, which is home to the largest furniture design trade fair in the world. A company based in this city made the so-called "THAT (*) Dress" for Elizabeth Hurley and the low-neckline green dress Jennifer Lopez wore to the 2000 Grammys. This city is home to a semiannual event that follows London and precedes Paris in the schedule of the "big four" Fashion Weeks. Giorgio Armani and Versace (ver-SAH-chay) are based in this city. For 10 points, name this fashion capital of northern Italy.

ANSWER: Milan, Lombardy, Italy [or Milano]

<Bentley, Arts - Misc>

5. The IRS's IRC 30D rule penalizes companies that sell over 200,000 of these things. The world-leading market share for these products in Norway has negatively impacted the country's ferry operators. A 2006 Chris Paine documentary examined who "killed" these products in California after CARB regulations gave them a market. The largest domestic manufacturer of these products admitted that "humans are underrated" after investing too much in (*) factory automation trying to make half a million of these things that people paid 1,000 dollars to pre-order. These products provide the most revenue for a company that also owns SolarCity. One of these things was sent into space on a Falcon Heavy rocket in 2018. For 10 points, the Nissan Leaf and Tesla Model 3 are what type of vehicle?

ANSWER: electric vehicles [or electric cars; or electric trucks; or battery-powered vehicles; or EVs; or Plug-in Electric Drive Motor Vehicles; prompt on cars or vehicles; do not accept "hybrids" or "streetcars"]

<Bentley, Current Events - United States>

6. Pausanias (paw-SAY-nee-us) claimed that this man's tomb in Libethra was destroyed by a flood of the river Sys, and claimed that he committed suicide after visiting an oracle in a cave in Aornum (ay-OR-num). Some stories say that this native of Pimpleia (pim-PLAY-ah) inspired an oracle on Lesbos after his death, which may have been caused by women angered that he only took male lovers. He also may have been torn apart by (*) Maenads (MAY-nads), after which his head floated into the Mediterranean, still singing. While fleeing from Aristaeus (air-iss-TEE-us), this man's wife was bitten by a snake. The Argonauts were protected from the Sirens by the efforts of this man, who fatally looked back on his way out of the underworld, thus losing his wife forever. For 10 points, name this husband of Eurydice (yoo-RID-ih-see), a mythological musician.

ANSWER: Orpheus

<Carson, RMP - Greco-Roman Myth>

7. This party pegged its currency to the pound sterling in the Quota 90 initiative. A man who wrote an exposé of this party's first year in power was assassinated after speaking against it in the Chamber of Deputies. This party's official hymn described "youth" as a "spring of beauty." This party seized power with a promise to end a general strike, and it used the term "Mare Nostrum" to promote its colonization of (*) Libya. A papal encyclical whose name means "We do not need" condemned this party's "pagan worship of the State." This party took its name from the bundle of rods used to represent authority in Ancient Rome. This party was supported by a militia nicknamed for the black shirts they wore during the 1922 March on Rome. For 10 points, name this party led by Benito Mussolini.

ANSWER: National Fascist Party [or Partito Nazionale Fascista; or PNF]

<Bentley, History - European>

8. This male figure requires a character who has undergone 80 ordeals to undergo one more ordeal on his way home to experience the "nine nines." A character visits this figure's home on Vulture Peak to request his help in subduing a six-eared macaque. This figure punishes his second disciple, the Golden Cicada, with reincarnation after he sleeps during this man's sermon. A character graffiti and urinates on a bronze pillar that turns out to be this man's (*) finger, after which this man imprisons that character, the Monkey King, under a mountain for 500 years. Near the end of a novel, this man gives scriptures to the monk Tang Sanzang, who is a reincarnation of a follower of this man. For 10 points, name this religious figure whose realm is the goal of the *Journey to the West*.

ANSWER: **Buddha** [or Siddhartha **Gautama**; or Gautama **Buddha**; or Shakyamuni **Buddha**; accept Tathagata **Buddha** or Rulai **Fo**; prompt on Siddhartha or Shakyamuni or Tathagata or Rulai]

<Wang, Literature - World>

9. For a 2017 show, Kara Walker took inspiration from Edward Kienholz's *Five Car Stud* in reimagining this painting as a pool party. A sketch for this painting appears on the same paper as a wolf's head, and the position of the title person is echoed in the artist's *Reclining Tiger*. Two elephant heads protrude from the piece of furniture that dominates this painting. Men bearing torches can be seen in the smoky distance in the top right of this painting. It was based on a play by (*) Lord Byron, who himself drew from Diodorus Siculus. The bearded title person in this painting lounges indifferently on a large red bed as his slaves kill his horses and courtesans. For 10 points, name this Eugène Delacroix painting that shows the final minutes of life of an Assyrian king.

ANSWER: *The **Death of Sardanapalus*** [or *La **Mort de Sardanapale***]

<Bentley, Arts - Painting>

10. A class of materials that are exceptionally good at participating in this process are composed of metal ions separated by organic struts; those are called MOFs (M-O-F's). If you replace total enzyme, rate, and concentration in the Michaelis–Menten (mih-KALE-iss-MEN-ten) equation with number of empty sites, fractional coverage, and pressure, it yields an equation that describes this process. This process is modeled as a function of pressure by the (*) Langmuir (LANG-myoor) isotherm. It's not catalysis (kuh-TAL-ih-sis), but the large surface area of zeolites (ZEE-oh-lytes) and activated carbon make them well-suited for this process that can remove gas particles from the air. For 10 points, name this process in which molecules bind *to* a solid surface, but not *into* the volume of a material itself, as in absorption (AB-sorption).

ANSWER: **adsorption** [prompt on gas storage or equivalents; do not accept or prompt on "absorption"]

<Silverman, Science - Chemistry>

11. A 1987 exercise by Robert Lucas calculated the welfare costs of these phenomena to be almost zero. Finn Kydland and Edward Prescott developed a model in which these phenomena were generated by persistent technology shocks and nothing else. Many economists considered these things to have been mostly subdued during a period in the late 20th and early 21st century called "the Great (*) Moderation." Arthur Burns and Wesley Mitchell wrote a 1946 book on measuring these phenomena. Most people use the National Bureau of Economic Research's definitions for when they begin and end. When these phenomena move towards their troughs (troffs), the economy is in a recession. For 10 points, name these fluctuations in economic growth.

ANSWER: **business cycles** [or **economic cycles**; or **trade cycles**; or real **business cycles**; prompt on cycles]

<Bailey, Social Science - Economics>

12. One pioneer in this field was sent abroad by Sidney Herbert after reading appalling reports from William Howard Russell. During World War II, the NOCGN successfully desegregated this profession. A facility in Scutari was modernized by a person of this profession who is one of the four people profiled in Lytton Strachey's *Eminent Victorians*. In 1860, the first woman to receive the Order of Merit established a school for people in this profession at (*) St. Thomas's in London. An American member of this profession started an affiliate of an organization founded by Jean-Henri Dunant (dew-NAWN). The so-called "Lady with the Lamp" became a celebrity in this profession during the Crimean War. For 10 points, name this profession of Clara Barton and Florence Nightingale.

ANSWER: nurse [or nursing; or medical nurses; or registered nurse; or RN; or graduate nurses; prompt on medicine; do not accept or prompt on "doctors"]

<Bentley, History - European>

13. One form of this technique, which is known as the analog method, is often criticized for resembling simple pattern matching. Spaghetti plots are often used to visualize results from the "ensemble" form of this technique, which uses data from both its short- and medium-range forms. The paper "Deterministic Nonperiodic Flow" was authored by Edward Lorenz after he made a small adjustment to (*) equations used for this technique. This technique cannot ever be truly accurate since fluctuations in the atmosphere cause chaotic behavior. In general, this process involves looking at barometric pressure, humidity, and variables such as past rainfall to cover an upcoming period. For 10 points, name this process of trying to predict the weather.

ANSWER: weather forecasting [accept weather prediction or close equivalents until "predict" is read]

<Jose, Science - Earth Science>

14. This character tells another man a story about a dead philosopher who is sentenced to walk a quadrillion kilometers through the darkness to heaven. This character learns that a writer has earned "peace" rather than "light" during a surprise meeting with Levi Matvei. The Grand Inquisitor reproaches his prisoner for refusing this character, who appears as a shabbily-dressed gentleman in a hallucination of (*) Ivan Karamazov. In another novel, this character predicts the beheading-by-streetcar of, then takes the apartment belonging to, Berlioz, and is accompanied by the talking cat Behemoth. For 10 points, name this character who terrorizes Moscow in the form of Professor Woland in Mikhail Bulgakov's *The Master and Margarita*.

ANSWER: the Devil [or Satan; accept Lucifer; accept Professor Woland until "Professor" is read]

<Bollinger, Literature - European>

15. "Buufis" is a condition unique to a place of this type that is profiled in Ben Rawlence's book *City of Thorns*. Several of these places known as *Ma'abarot* (mah-ah-bah-ROTE) were established in the 1950s. The majority of Sahrawis live in one of these types of places. A consolidated one of these places called Mae La was formed after a series of DKBA raids in Thailand in the mid 1990s. One of the largest of these places in Africa is in Bidi Bidi. The (*) UNHCR mandates one shower per 50 people in these places. Two of these places in Beirut were ravished by Kataeb militia during the Sabra and Shatila massacre. Dadaab, one of these places in the Kenyan desert, houses a large population of Somalis. For 10 points, name these locations where people fleeing a war might gather.

ANSWER: refugee camps [or refugee absorption camps; or Palestinian refugee camps; or refugee villages; or displaced persons camps; or transition camps; or Jewish immigrant camps; prompt on tent city/ies]

<Bentley, Geography - World>

16. In this composer's late Mass in E-flat major, the first eight bars of the Sanctus shift to B minor to G minor to E-flat minor. His longest symphony uses the three-key exposition "C major, E minor, G major," and two unison horns open it with the motto (read slowly) "long C, D, E, long A, short B, C." The 3/4-time first movement of a B minor symphony by this composer opens with an 8-bar introduction in the (*) basses and cellos. Schumann praised the "heavenly length" of this composer's last symphony after Felix Mendelssohn premiered it after his death. An entr'acte (**ON-tract**) from this composer's incidental music to *Rosamunde* (**ro-zuh-MOON-duh**) may have been intended as the finale of that two-movement symphony. For 10 points, name this composer of the "Great" C major and "Unfinished" symphonies.

ANSWER: Franz **Schubert**

<Kothari, Arts - Music>

17. An anti-Semitic California group in favor of these people grew after Archie Price killed himself; that was called the Ham and Eggs movement. A plan to financially support this type of people emerged from a 1933 Letter to the Editor by Dr. Francis Townsend. A 60 Minutes exposé alleged that an interest group benefiting these people was established to bring business to Leonard Davis's Colonial Penn (*) Life Insurance firm. About 46 million people with this status are beneficiaries of a plan passed under George W. Bush called "Part D". These people, the largest demographic group of enrollees in Medicare, receive a pension via Title I of the 1935 Social Security Act. For 10 points, name this group of people represented by the AARP.

ANSWER: **old** people [or **elderly** Americans; or **senior citizens**; or **seniors**; or **retired** people; accept people **over 65** years old; prompt on **poor** people]

<Bentley, History - American>

18. This substance can form DX arrays, which can be used to create crystals and nanotubes, and TX arrays, which can be used as XOR (ex-or) gates. This substance can form i-motifs under acidic conditions. Replication protein A can bind to this substance to prevent it from forming secondary structures.

Enzymes such as TALENs and (*) Cas9 are used to cut this substance. Proteins with helix-turn-helix and zinc finger motifs can bind to this substance. Around 10 percent of the supply of this substance in human cells is thought to consist of Alu (**AL-oo**) elements, the most common transposable elements in the human body. This substance can be wound by topoisomerases or unwound by helicases. For 10 points, name this nucleic acid found in chromosomes in the eukaryotic nucleus.

ANSWER: **DNA** [or **deoxyribonucleic acid**; prompt on **nucleic acid**]

<Ramswami, Science - Biology>

19. One of these characters rumples bedclothes in the room of a professor who blows a whistle found next to a plus-shaped inscription composed of the syllables "fur fla bis fle" in the story "Oh, Whistle, and I'll Come to You, My Lad," by medievalist M. R. James. The Otis twins torment one of these characters with pea shooters and melted butter in an Oscar Wilde story set at Canterville Chase. One of these characters accidentally kills Charles Condomine's new wife Ruth in a play by (*) Noël Coward. A governess repeatedly sees one of these characters on the lake at Bly, and has visions of two of these characters, Peter Quint and Miss Jessel, haunting Miles and Flora. For 10 points, name these supernatural beings that include the villains of Henry James's "The Turn of the Screw."

ANSWER: **ghosts** [or **spirits**; or **phantoms**; or **specters**; prompt on **dead** people]

<Bollinger, Literature - British>

20. Indra's wife Indrani owns one of these things known as *usnisa* to represent her queenly status. An "ethnic" right to use one of these things was granted in the UK case of *Mandla v. Dowell-Lee*. In a faith that reserves yellow examples of these things for weddings, they are preferred over the more servile topi. One of these things is passed to the next patriarch of a family in the Rasam Pagri ceremony. Amar (*) Das was given a special one of these things upon attaining his highest position. Wearing one of these things is mandated alongside the wearing of Kachera. Boys are given one when they are old enough to tie it. Hargobind initiated the tradition of wearing them by gurus. For 10 points, Khalsa wear what type of head coverings in the Sikh tradition?

ANSWER: turbans [or dastar; accept pagri until it is read; accept topknot until "Mandla" is read; prompt on head-covering or headwear or headgear; do NOT accept or prompt on "hat"]

<Bentley, RMP - Other Religion>

21. One poem by this author states "history has many cunning passages, contrived corridors and issues" and asks "After such knowledge, what forgiveness?" This author imagined "an old man in a dry month" being "read to by a boy" in that poem. The speaker quotes Thomas Kyd's line "Hieronymo's mad againe" and a Gerard de Nerval line about the Prince of Aquitaine in the last stanza of a poem by this author. That poem by him exclaims (*) "Datta. Dayadhvam. Damyata" and states several times "London Bridge is falling down." This author intended his poem "Gerontion" to be a preface to a five-part poem whose sections include "What the Thunder Said." The line "April is the cruellest month" was written by, for 10 points, what author of "The Waste Land"?

ANSWER: Thomas Stearns Eliot [or T. S. Eliot]

<Jose, Literature - American>



NSC 2018 - Round 16 - Bonuses

1. Early in his career, this politician wrote a successful "Tragy Comedy" for Queen Henrietta Maria titled *The Lost Lady*. For 10 points each:

[10] Name this successor to Francis Wyatt who upset his white constituency by adopting friendlier relations with Native Americans. This governor died before he could explain his actions to King Charles II.

ANSWER: Sir William **Berkeley**

[10] William Berkeley served as governor of this colony in the 17th century. The first session of the House of Burgesses met in a church in Jamestown in this colony.

ANSWER: **Virginia** [or Colony of **Virginia**]

[10] During Berkeley's second term as governor, he faced a rebellion led by this man. This man advocated for a more vigorous anti-Indian policy and died of dysentery (**DISS-in-TAIR-ee**) before his rebellion ended.

ANSWER: Nathaniel **Bacon**

<Bentley, History - American>

2. Natalia Ginzburg won the Bagutta Prize for a book about the family of this writer, who found his mother Giulia (**Julia**) as an adult after she abandoned him as an infant. For 10 points each:

[10] Name this Italian who wrote about Don Rodrigo's attempts to stymie the wedding of Renzo and Lucia in *The Betrothed*.

ANSWER: Alessandro **Manzoni** [or Alessandro Francesco Tommaso Antonio **Manzoni**]

[10] In *The Betrothed*, Renzo finds Lucia in the Lazzaretto of Milan after one of these calamities strikes. Daniel Defoe published a journal allegedly kept during a year when one of these events struck London.

ANSWER: bubonic **plague** [or the **Black Death**]

[10] Manzoni wrote a 108-verse ode on hearing the death of this man. Prince Andrei Bolkonsky idolizes this man at the beginning of a novel by a different author, but is later killed while fighting against him.

ANSWER: **Napoleon Bonaparte** [accept either underlined portion] (The second novel is *War and Peace*.)

<Kothari, Literature - European>

3. Alexander Scriabin (**skree-AH-bin**) saw this note as "deep blue tending to violet," and his dissonant *Prometheus: Poem of Fire* ends abruptly with a "resplendent" triad in this note's major key. For 10 points each:

[10] Name this second note of a mystic chord whose root is C. Scriabin's carefree Poème (**po-EM**) Opus 32 No. 1, his only Piano Concerto, and his Third and Fourth Piano Sonatas are all in keys centered on this note.

ANSWER: **F-sharp** [accept **F-sharp major** or **F-sharp minor**; do not accept or prompt on any other answer]

[10] This organist used his favorite key, F-sharp major, in the "love theme" and lively finale of his *Turangalila-Symphonie*. This devout Catholic French composer of *Quartet for the End of Time* was inspired by Scriabin, the Tristan myth, Indian music, and birdsong.

ANSWER: Olivier **Messiaen** (oh-leev-YAY mess-YAWN)

[10] Messiaen, and supposedly Scriabin, experienced this unusual condition in which sounds can evoke colors.

ANSWER: **synesthesia** [accept word forms like **synesthetic**]

<Lifshitz, Arts - Music>

4. An analysis by Preston Marx concluded that this virus has been infecting monkeys in the island of Bioko for at least 20,000 years. For 10 points each:

[10] Name this virus that was first isolated from rhesus macaques in 1985. This virus causes immunodeficiency symptoms resembling AIDS.

ANSWER: **SIV** [or **simian immunodeficiency viruses**]

[10] Just like HIV, SIV compromises the immune system by affecting the "helper" type of these cells. These white blood cells also include the "cytotoxic" type.

ANSWER: helper **T** cells [or CD4+ **T** cells; or cytotoxic **T** cells; or CD8+ **T** cells]

[10] SIV can affect many cells in the immune system by triggering pyroptosis (**pie-ROP-toe-sis**). Pyroptosis is a special case of this general process of programmed cell death, which involves a proteolytic cascade of caspases.

ANSWER: **apoptosis**

<Ramaswami, Science - Biology>

5. According to Ian Hacking, this term implies that something appears to be inevitable, but isn't. For 10 points each:

[10] Name this process that Peter Berger and Thomas Luckmann apply to "reality." This term suggests that something is not a natural kind, and it is often applied to something to distinguish it from a "brute fact."

ANSWER: **social construction** [accept word forms; prompt on partial answer]

[10] Books like Andrew Pickering's *Constructing Quarks* apply social constructionist perspectives to this discipline. Paul Feyerabend (**FYE-ur-AH-bint**) argued that experiments and hypotheses should not be considered essential to it.

ANSWER: **science** [accept particle **physics**]

[10] This historian's book *The Structure of Scientific Revolutions* introduced the term "paradigm shift" to denote the rapid shifts in interpretation of evidence provoked by anomalies.

ANSWER: Thomas (Samuel) **Kuhn**

<Kothari, RMP - Philosophy>

6. This man wrote that an "Immanent Will that stirs and urges everything" created a "sinister mate" for a ship in a poem about the sinking of the *Titanic*. For 10 points each:

[10] Name this poet of "The Convergence of the Twain," who also wrote tragic novels like *Tess of the D'Urbervilles* and *Jude the Obscure*.

ANSWER: Thomas **Hardy**

[10] The speaker of this Thomas Hardy poem remarks that "every spirit upon earth seemed fervourless as I" before describing how a bird sang and flung "his soul upon the growing gloom."

ANSWER: "The **Darkling Thrush**"

[10] In this Hardy poem, the speaker wishes that "some vengeful god" would call out, "Know that thy sorrow is thy ecstasy!" Its speaker concludes that the "purblind Doomsters had as readily strown blisses... as pain."

ANSWER: "**Hap**"

<Bollinger, Literature - British>

7. During the 18th century, intellectuals in this country congregated at organizations such as the Poker Club and the Select Society. For 10 points each:

[10] Identify this country whose namesake "Enlightenment" produced works such as *The Theory of Moral Sentiments*.

ANSWER: **Scotland** [prompt on Great Britain or United Kingdom or UK; do not accept "England"]

[10] This member of the Scottish Enlightenment wrote *The Theory of Moral Sentiments* and came up with the metaphor of the invisible hand in *The Wealth of Nations*.

ANSWER: Adam **Smith**

[10] Smith was friends with James Hutton, who developed the theory of uniformitarianism and is often referred to as the "father" of this academic discipline. The American "father" of this discipline, William Maclure, was also born in Scotland.

ANSWER: **geology** [prompt on earth science]

<Bentley, Mixed/Other/General Knowledge>

8. In 1997, Fred Hoyle won the Crafoord Prize for his theoretical work on this process. For 10 points each:

[10] Hoyle theorized the existence of a resonance state in carbon-12 that had been formed as a result of this reaction. It takes three helium nuclei as inputs.

ANSWER: **triple alpha** process

[10] Hoyle surmised that life could not exist without that resonance; thus, it is argued that Hoyle's prediction was a "successful" use of this principle, which holds that the universe must be consistent with the fact that human life exists within it.

ANSWER: **anthropic** principle [accept cosmological **anthropic** principle; accept the weak or strong **anthropic** principle; prompt on fine-tuned universe]

[10] According to Hoyle, most of the Earth's carbon was formed in the interiors of these structures, the site of the triple alpha process. The CNO cycle and proton-proton chain both generate energy in these objects.

ANSWER: **stars** [or **stellar** interiors; accept specific types of **stars**]

<Jose, Science - Astronomy>

9. Identify the following about some of the practices of Jews from the Indian subcontinent, for 10 points each.

[10] Jasmine and satin were placed on the synagogues of Malabar's Jews during this holiday. This holiday takes place on the final day of Sukkot (**soo-COTE**) and marks the completion of a year's reading of the namesake text.

ANSWER: **Simchat Torah** (**seem-HOT toh-RAH**) [or **Simhat Torah**; or **Simchas Torah**; or **Simhath Torah**]

[10] On that holiday, a portable version of this object was constructed to parade around the street before its pieces were taken apart and sent down the river. It was traditionally kept in the Holy of Holies.

ANSWER: **Ark** of the Covenant [or **Aron** Ha-berit]

[10] This high holiday ended with an elaborate Closing of the Doors ceremony. This Day of Atonement takes place 10 days after Rosh Hashanah.

ANSWER: **Yom Kippur** [or **Yom Ha-kippurim**]

<Bentley, RMP - Bible/Christianity>

10. Some people investigated by this body were forced to wear a conical hat called a *coroza*, while others were given a garment known as a *sanbenito*. For 10 points each:

[10] Name this body established in Spain by Ferdinand and Isabella. It routed out "insincere" conversos.

ANSWER: Spanish **Inquisition**

[10] French historian Emmanuel Le Roy Ladurie's (le RWAH loh-DREE's) book *Montaillou* (mon-tye-YOO) examines the effects of the Inquisition on members of the group previously targeted by this event. Residents in the town of Béziers (bayz-YAY) were massacred during this campaign, which was called by Innocent III.

ANSWER: **Albigensian** Crusade [or **Cathar** Crusade]

[10] Mexico City in 1850 was the site of the last of these public ceremonies where the sentences of those accused by the Inquisition were read out.

ANSWER: **auto-da-fé** [or **act of faith**]

<Bentley, History - European>

11. At the end of this movie, the protagonist throws his marshal's star into the ground. For 10 points each:

[10] Name this film in which the outlaw Frank Miller returns to Hadleyville to exact revenge on sheriff Will Kane.

ANSWER: **High Noon**

[10] *High Noon* was both the first film, and the first film in this genre, to feature Lee van Cleef, who often appeared in the "spaghetti" type of these films directed by Sergio Leone.

ANSWER: **westerns** [or spaghetti **westerns**]

[10] Van Cleef played the mercenary Angel Eyes in this final film in Leone's "Dollars trilogy," which also featured Eli Wallach as Tuco.

ANSWER: *The **Good, the Bad, and the Ugly*** [or *Il **Buono, il brutto, il cattivo***]

<Jose, Arts - Film>

12. This concept gives its name to a period of artistic counterculture led by Gonzalo Arango and Fernando Gonzales Ochoa. For 10 points each:

[10] Give this term for a movement that arose in a certain country after La Violencia. Hemingway's code heroes are characterized largely by their response to things like death, darkness, and disorder, which he grouped under this concept.

ANSWER: **nada** [or **nothing**; accept the **nada** principle or **nada** concept; accept **nadaismo**]

[10] *Nadaismo* was a reaction to La Violencia, a protracted civil war in this country during which Gabriel García Márquez, a native of this country, worked as a journalist.

ANSWER: Republic of **Colombia** [or República de **Colombia**]

[10] García Márquez obliquely referenced La Violencia with the recently-ended civil war in *Leaf Storm*, the first of his novels to be set in this village that is home to the Buendia family.

ANSWER: **Macondo**

<Cheng, Literature - World>

13. Psycholinguistics often studies how people try to analyze these sentences, examples of which include "Ellen gave the child the dog bit a band-aid" (**gotcha!**). For 10 points each:

[10] Name these kinds of sentences whose grammatically correct meaning is hard to initially determine. They are named for an expression about being misled (**miss-LED**) down a certain kind of trail.

ANSWER: **garden path** sentences

[10] Garden path sentences illustrate how humans make mistakes in the initial steps of this process, which is the analysis of a sentence with respect to its grammar. Namesake "trees" are often used to model this process.

ANSWER: **parsing** [accept forms of the word **parse** or **parsing**; accept **parse** trees; accept **syntax analysis** or **syntactic analysis**; prompt on **syntax** or **syntactic**]

[10] When parsing a garden path sentence, there might be ambiguity in treating this part of speech as a noun or vice versa. A gerund (**JAIR-und**) is a noun derived from this part of speech, often by adding the suffix "-ing" (**I-N-G**).

ANSWER: **verbs**

<Jose, Social Science - Linguistics>

14. Answer the following about optical aberrations, for 10 points each:

[10] Chromatic aberrations arise when this value is dependent on the incident wavelength, causing different colors to focus to different points. This quantity multiplies a sine function in Snell's law.

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

[10] Some cameras minimize aberration using a doublet of compound lenses named for this scientist, who also names the cgs (**C-G-S**) unit for magnetic field.

ANSWER: Carl Friedrich **Gauss** [accept Double **Gauss** lens]

[10] This kind of aberration arises when using a lens to view an object far away from the optical axis; the resulting distortion makes it appear as though the object has a tail.

ANSWER: **coma** aberration [accept **comatic** aberration; do not accept or prompt on "chromatic aberration"]

<Busse, Science - Physics>

15. A group of these people sponsored by the CMS traveled to Buganda after Henry Morton Stanley reported that Kabaka Mutesa I would welcome them. For 10 points each:

[10] Identify this type of people. The Jesuits were among the first groups in modern times to send these people abroad to gain converts.

ANSWER: Christian **missionaries** [or Protestant **missionaries**; prompt on **Christians**; prompt on **priests**]

[10] Kabaka Mutesa was willing to have Christian missionaries in his kingdom to deter an invasion by this country. Muhammad Ali ruled as Khedive (**keh-DEEV**) in this modern-day country's capital.

ANSWER: **Egypt** [or Arab Republic of **Egypt**]

[10] Henry Morton Stanley later launched a "relief" mission to save this German-born governor of Equatoria. He was killed while working for the German East Africa Company.

ANSWER: Mehmed Emin **Pasha** [or Isaak Eduard **Schnitzer**; or Eduard Carl Oscar Theodor **Schnitzer**]

<Bentley, History - World>

16. This figure is decapitated after pleading for mercy, and its decapitated head is taken to Nippur shortly afterwards. For 10 points each:

[10] Name this inhabitant of the Cedar Forest, who is slain by a pair of heroes in an ancient epic.

ANSWER: **Humbaba** [or **Huwawa**]

[10] Humbaba is killed by Enkidu and this Mesopotamian hero, a king of Uruk who is two-thirds human and one-third divine.

ANSWER: **Gilgamesh**

[10] Gilgamesh and Enkidu offer Humbaba's heart to this god, who helped Gilgamesh earlier by sending the eight winds to blow into Humbaba's eyes. Gilgamesh later encounters the scorpion-men who guard this god's gates on Mount Mashu.

ANSWER: **Shamash** [or **Utu**]

<Jose, RMP - Other Myth>

17. A harsh review of the first edition of this book by the critic Rufus Griswold accused it of being a "mass of stupid filth." For 10 points each:

[10] Name this volume of poetry that was continuously revised and expanded between 1855 and 1891. Its "Deathbed" edition included over 400 poems, such as "I Sing the Body Electric."

ANSWER: ***Leaves of Grass***

[10] Over the course of his life, this poet of "Song of Myself" continuously expanded his collection *Leaves of Grass*.

ANSWER: Walt **Whitman**

[10] After this other poet wrote a celebratory letter praising the first edition for *Leaves of Grass*, Whitman included his words "I greet you at the beginning of a great career" on the cover of some future editions.

Whitman wrote *Leaves of Grass* partly as a response to this author's essay "The Poet."

ANSWER: Ralph Waldo **Emerson**

<Jose, Literature - American>

18. A work from this movement, Carl Andre's *Copper-Zinc Plain*, is meant to be walked on by museum-goers. For 10 points each:

[10] Identify this loose art movement that the critic Lucy Lippard called "the Silent Art." The conceptual artist Sol Lewitt is often classed with this movement, as are Frank Stella and Donald Judd.

ANSWER: **minimalism** [or **minimal** art]

[10] The BMPT Minimalists, active in this country, sought to remove all meaning from their works. Earlier in the century, the Fauves (**fohvz**) formed around Henri Matisse in this country.

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

[10] *Die Fahne Hoch!* (**dee FAH-nuh HOKE**) is an entry in a series of paintings using this color that Frank Stella made in the 1950s and '60s. A group of paintings named for this color that were originally created in the "Deaf Man's Villa" includes *Saturn Devouring His Son*.

ANSWER: **black** [or **negro**; accept *Black Paintings* or *Pinturas negras*]

<Bentley, Arts - Painting>

19. A 1944 Act of Parliament concerning these institutions is popularly named for R. A. Butler and enshrined the Tripartite System. For 10 points each:

[10] Identify these British institutions, subject to the A-Level system. The Clarendon Commission reformed how the one named Harrow was governed.

ANSWER: **schools** [or grammar **schools**; or **colleges**]

[10] Two years after the Butler Act was passed, the School Milk Act provided a third of a pint per day to all children under 18. When this future prime minister rescinded part of that legislation in 1971, she earned the nickname "Milk Snatcher."

ANSWER: Margaret **Thatcher** [or Margaret Hilda **Thatcher**, Baroness Thatcher; or Margaret Hilda **Roberts**]

[10] A longstanding tradition at Eton College is a rugby-like game named for one of these structures that was erected in 1717.

ANSWER: **wall** [accept the Eton **wall** game]

<Bentley, History - European>

20. Answer some questions about Rochelle salt, for 10 points each.

[10] Rochelle salt is a double salt containing tartrate and cations (**CAT-ions**) of these two elements, an alloy of which can be used as a coolant in fast neutron reactors.

ANSWER: **sodium** AND **potassium** [or **Na** AND **K**; or **NaK**; accept answers in either order; do not accept or prompt on incomplete answers]

[10] Rochelle salt is a component of Fehling's (**FELL-ing's**) reagent, which will turn from blue to this color in the presence of aldehydes. Dipping litmus paper into an acidic solution turns it into a dark shade of this color.

ANSWER: **red** [accept any shade of red like **crimson**; do not accept "purple" or "orange"]

[10] Pierre and Jacques Curie discovered that this phenomenon was as strong in Rochelle salt as it was in quartz. They used the latter to construct an electrometer by taking advantage of this phenomenon.

ANSWER: **piezoelectricity** [or word forms]

<Prieto, Science - Chemistry>

21. Name these figures from classical mythology who were sometimes depicted with more than one head, for 10 points each.

[10] Hesiod (**HEE-see-ud**) and Pindar give this creature 50 and 100 heads, respectively, but most other sources describe this guard dog of Hades as having only three heads.

ANSWER: **Cerberus** [or **Kerberos**]

[10] This Roman god of transitions, beginnings and endings, and doorways is usually depicted with either two heads or two faces, pointing in opposite directions.

ANSWER: **Janus**

[10] Aristophanes's description of this serpentine dragon who guarded the island of the Hesperides credits it with 100 heads, though other sources differ.

ANSWER: **Ladon**

<Carson, RMP - Greco-Roman Myth>

