

1. **This man rose to prominence following the fall of moderate Georges Danton. The event with which this man is most associated saw the deaths of Madame Roland and many Girondists, as well as Marie-Antoinette; that event was organized by this man's Committee of Public Safety. This man was killed (**) with the same device to which he had sentenced many others, and by which Louis XVI died. For 10 points, name this man who sent many to the guillotine during his "Reign of Terror" during the French Revolution.**

ANSWER: Maximilien Francois Marie Isidore de Robespierre

081-11-29-06102

2. **In mechanics, Varignon's theorem deals with this quantity. When a system of forces has a nonzero value for this quantity but no resulting force, it is called a "couple." This quantity can be measured in units of newton metres or joules per radian. It can be defined as the cross product of (*) displacement and force, or the time derivative of angular momentum. It is also known as "moment." For 10 points, name this measure of how much a force acting on an object causes it to rotate.**

ANSWER: torque [or moment before it is read]

024-11-29-06103

3. **One ruler of this empire was a son of Amyntas III who defeated the Sacred Band of Thebes at Chaeronea and created the League of Corinth. That man's son led this empire in conquering Punjab with a victory at the Hydaspes River. This empire's forces conquered Persia after defeating Darius III at (*) Issus and Guagamela (GWAH-guh-mell-uh) with the general Ptolemy (TOL-uh-mee). For 10 points, name this empire led by Philip II and Alexander the Great.**

ANSWER: Macedonia

079-11-29-06104

4. **Early theories of this object's formation include the fission theory and the co-accretion theory, while the current accepted theory is occasionally referred to as the "Big Splash" and involves collision with a Mars-sized object. This object contains ray craters such as those named Tycho and Copernicus, and its major features are classified as either terrae or (*) maria. For 10 points, name this only extraterrestrial object visited by humans, the only satellite of the third planet from the sun.**

ANSWER: the Earth's moon [or Luna]

003-11-29-06105

5. **The first group of stories in this author's *t zero* feature the eternal being Qfwfq (KIF-wif-ick) narrating tales based around scientific facts, a formula repeated from this author's earlier *Cosmicomics*. He collected brief descriptions of 55 urban areas framed as a conversation between Kublai Khan and Marco Polo in *Invisible Cities*. This man also wrote a work featuring the (*) Reader and the Other Reader in which every other chapter is in the second person. For 10 points, name this Italian author of *If on a winter's night a traveler*.**

ANSWER: Italo Calvino

082-11-29-06106

6. This man blasted the "empty and heartless" sound of rejoicing in his Fourth of July speech delivered in Rochester in 1852. He merged his newspaper with Gerrit Smith's *Liberty Party Paper* shortly before the Seneca Falls Convention, where he presented a passionate argument for women's suffrage. This man started that newspaper after reading (*) William Lloyd Garrison's *The Liberator*. For 10 points, name this author of *The North Star* and *My Bondage and My Freedom*, who was a runaway slave and prominent abolitionist.

ANSWER: Frederick Douglass [or Frederick Augustus Washington Bailey]

064-11-29-06107

7. One architect from this country designed the Paimio Sanatorium and a library with an undulating roof at Viipuri. Another man from this country designed a National Romantic-style railway station in this country's capital, but is better known as the father of another architect from here, who designed the Tulip Chair and became famous for his use of thin-shell concrete in buildings such as the Yale Whale, Dulles Airport, and the (*) TWA Terminal at JFK. For 10 points, Alvar Aalto, Eliel Saarinen, and his son Eero hail from this country with capital at Helsinki.

ANSWER: Finland

082-11-29-06108

8. Elihu bemoans the attitude of the friends of this man. Those three friends blame this man's misfortunes as being the fault of this man, but they cannot find what that fault may be. This man's misfortunes begin after the Devil tries to convince God that this man is only (*) pious because of his good fortune. The story of this man is an explanation of why bad things happen to good people. For 10 points, name this man who remains faithful to God despite all the tests he is put to in a namesake book of the Old Testament.

ANSWER: Job

002-11-29-06109

9. This principle was independently developed by William Castle. One phenomenon which would cause this principle not to apply is avoided by self-incompatibility in plants; that phenomenon, which favors homozygosity, is assortative mating. Deviation from it can be caused by meiotic drive, non-random (*) mating, genetic drift, or mutations. For 10 points, name this principle which states that allele and genotype frequencies remain constant in the absence of disturbing influences.

ANSWER: Hardy-Weinberg equilibrium

024-11-29-06110

10. One of this composer's symphonies has a horn enter a recapitulation of the theme four bars before the rest of the orchestra, and that work's second movement is a funeral march. This composer wrote the "Waldstein" piano sonata and the "Kreutzer" violin sonata. One symphony by this composer opens with a G-G-G-E flat motif. One symphony he wrote sets the (*) Schiller poem "Ode to Joy" for chorus. For 10 points, name this composer of the *Eroica* symphony, whose 5th symphony has a "fate knocking at the door" theme, and who was deaf when he wrote his 9th.

ANSWER: Ludwig van Beethoven

027-11-29-06111

11. **One conflict on this island began with William Shafter landing forces at Siboney and Daiquiri. Forces under Henry Lawton and Joseph Wheeler engaged defenders of this island at El Caney and Las Guasimas. After this island was occupied, its fate was decided by the Platt and Teller amendments. It was the site of another battle in which Leonard Wood charged up (*) San Juan Hill with the Rough Riders. For 10 points, name this island which was plunged into conflict by the explosion of the U.S.S *Maine* in one of its harbors.**

ANSWER: Cuba

015-11-29-06112

12. **An early work by this poet is a dream vision entitled *The House of Fame*. Another dream vision by this poet is *The Parliament of Fowls*. Like Shakespeare, he wrote about Troilus and Cressida, but he is best known for a work whose opening line mentions April showers. That work includes stories told by a (*) Manciple, a Pardoner, and a Prioress, who are pilgrims traveling to a cathedral. For 10 points, name this author of *The Canterbury Tales*.**

ANSWER: Geoffrey Chaucer

024-11-29-06113

13. **The Collatz conjecture concerns whether the sequence given by a certain function always reaches this number. The single element of the trivial multiplicative group is written as this. A nth of unity is a number that when raised to the nth power equals this. It is also known as (*) unity and the sum of an event's probability and that probability of its complement equals this. Sine equals this at pi over two. This number is the multiplicative identity. For 10 points, name this whole number that comes directly after zero.**

ANSWER: one [prompt on multiplicative identity before mentioned]

001-11-29-06114

14. **One member of this movement painted *Man With a Pipe* and *At the Bar*. Another artist in this style demonstrated it in *The Electricity Fairy* and *Regatta at Cowes*. Maurice Vlaminck and Raoul Dufy were members of this movement, which was named by critic Louis Vauxcelles, who dubbed the painters of this school the (*) "wild beasts." The most prominent member of this style used it to show five nude women holding hands in a circle in *The Dance*. For 10 points, identify this painting style, which was characterized by assertive colors and practiced by Henri Matisse.**

ANSWER: Fauvism

019-11-29-06115

15. **At one point, this character drinks the balm of Fierabras (FIE-UR-uh-brass). He tells a story about his descent into the cave of Montesinos. This character's story is supposedly chronicled by Cide Hamete Benengeli. Characters encountered by him include the Knight of the Mirrors, who is the squire of Sanson Carrasco. He rides the horse (*) Rocinante, and is accompanied by Sancho Panza on his quest to find Dulcinea. For 10 points, name this title character of a novel by Miguel de Cervantes.**

ANSWER: Don Quixote de la Mancha [or Alonso Quijano]

024-11-29-06116

16. **This location is the site of an evaporated glacial lake that was once over 80 miles long and 600 feet deep called Lake Manly. The highest point in this desert is located at Telescope Peak. The highest temperature in the (*) Western hemisphere was recorded at Furnace Creek in this desert. Another point of interest located in this desert can be found in the Badwater Basin. For 10 points, name this American desert that contains the lowest point on land in the Western hemisphere, at 282 feet below sea level.**

ANSWER: Death Valley

023-11-29-06117

17. **This figure's birthday is celebrated on the 8th of the 4th month of Chinese lunar calendar, and many of the myths surrounding his birth are collected in the *Jataka* tales. This figure delivered his first sermon in the Deer Park at Benares. His witnessing of the Four Sights and his meditation under the (*) Bodhi tree led him to the Four Noble Truths. For 10 points, name this founder of Indian religion with Theravadan and Mahayanan sects, also known as Siddhartha Guatama.**

ANSWER: the Sakyamuni Buddha [or Siddhartha before it is read; or Guatama before it is read]

084-11-29-06118

18. **This rapper claims that his “picture should be in the dictionary next to the definition of definition,” and on the same track, he disses Al Sharpton. That track, “Shoot Me Down,” appeared on the same album as another song that repeats the lines “We are not the same, I am a Martian” and “Phone Home.” He sampled the theme song from *The Office* on one song from his (*) *No Ceilings* mixtape. He picked up a guitar for the track “Prom Queen” on the album *Rebirth*. For 10 points, name this rapper behind popular hits like “A Milli” and “Lollipop.”**

ANSWER: Lil Wayne [or Dwayne Michael Carter, Jr.]

079-11-29-06119

19. **A man in this country called the "general of the streets" was appointed in 2010 as Minister of Youth. That man, Charles Blé Goudé (BLAY goo-DAY), was appointed despite the difference in opinion between this country's Electoral Commission and Constitutional Council about a 2010 presidential election. The internationally recognized winner of that election, (*) Alassane Ouattara (ahl-a-SAN wah-TAR-a), protested the awarding of the election in this country to the incumbent. For 10 points, name this West African country currently led by Laurent Gbagbo (gih-BAHG-bo).**

ANSWER: Republic of Cote d'Ivoire [or Ivory Coast; or Republique de Cote d'Ivoire]

023-11-29-06120

20. **In this story, signs advertising a restaurant note that the proprietor is "The Fat Boy With the Happy Laugh" and "A Veteran." That restaurant in this story is named The Tower and its owner is Red Sammy Butts, who is insulted by June Star following her dance routine. John Wesley describes Tennessee as being a "hillbilly dumping ground" in this work, which also includes the (*) cat Pitty Sing. For 10 points, name this story by Flannery O'Connor in which the Misfit murders the Grandmother.**

ANSWER: "A Good Man is Hard to Find"

030-11-29-06121

21. **The Alhambra Decree affected certain members of this group, which geography divides into the Ashkenazi and the Sephardi. This group was subject to the blood libel, which was responsible for several pogroms against it. The most notable action against this group saw the attack of (*) Kristallnacht and deportation of members of this group to places such as Dachau and Auschwitz. For 10 points, name this religious group persecuted during both the Spanish Inquisition and the Holocaust.**

ANSWER: European Jews

081-11-29-06122

22. **When performing the Born-Haber cycle for sodium chloride, the steps solely involving chlorine are the breaking of the chlorine-chlorine bond and a process whose energy gain is equal to this quantity. For nitrogen, this quantity is close to zero; that is a result of Hund's rule since nitrogen has a single electron in each of the three P orbital subshells. The largest values for this quantity are found in the (*) halogens, since they are one electron short of forming a complete octet. For 10 points, name this quantity equal to the amount of energy given off when a neutral atom gains an electron.**

ANSWER: electron affinity

064-11-29-06123

23. This man wrote a story in which four campers believe a hermit who invites them to a game of cards is an Aztec priest. In addition to writing "Four Men in a Cave," this man wrote a story in which the easterner claims that he "refused to stand up and be a man" after witnessing Scully's son cheat the Swede in a game of cards. That story is (*) "The Blue Hotel." For 10 points, name this author of a story about the Cook, the Correspondent, and the Oiler, "The Open Boat," as well as *The Red Badge of Courage*.

ANSWER: Stephen Crane

030-11-29-06124

1. Masaharu Homma was executed for war crimes as a direct result of this event. For 10 points each:
[10] Name this April 1942 movement of American and Filipino prisoners, which saw several thousands die of dehydration or be executed by Japanese soldiers.

ANSWER: **Bataan Death March**

[10] Responsibility for Japanese policy towards POWs was one of the reasons that this wartime Prime Minister of Japan was executed for war crimes in 1948.

ANSWER: Hideki **Tojo** [or **Tojo** Hideki]

[10] The Philippines were later liberated after this general made good on his promise to "return" to the islands. He supervised the occupation of Japan and was removed from command in Korea by Harry Truman.

ANSWER: Douglas **MacArthur**

019-11-29-06201

2. These compounds are characterized by a broad range of molecular weight and can undergo cross linking.

[10] Name these compounds which consist of repeating monomer units.

ANSWER: **polymer**

[10] Teflon is one polymer which gains its unique properties due to the large difference for this quantity between carbon and fluorine.

ANSWER: **electronegativity**

[10] The term tacticity describes a polymer which possesses this property. This property is possessed by molecules which have a non-super imposable mirror image.

ANSWER: **chirality**

064-11-29-06202

3. These rocks are between 20 and 60% quartz. For 10 points each:

[10] Name this intrusive felsic igneous rock that makes up much of the continental crust and thus contrasts with basalt that makes up the oceanic crust.

ANSWER: **granite**

[10] This other felsic rock can be considered the extrusive version of granite, though it does have a smaller grain size than granite.

ANSWER: **rhyolite**

[10] This black, glassy material results from the quenching of rhyolite lava.

ANSWER: **obsidian**

001-11-29-06203

4. In a moving scene, this character is told that he can bring fewer and fewer servants to the homes of his daughters until they cut to the chase and lock him outside in the pouring rain. For 10 points each:

[10] Identify this Shakespearean character who disowns his daughter Cordelia after she refuses to heap fake love upon him like his other daughters Regan and Goneril had.

ANSWER: King **Lear**

[10] Goneril and Lear are attracted to and die for this villain of *King Lear*, the illegitimate son of Gloucester.

ANSWER: **Edmund**

[10] This author took apart Tolstoy's incoherent rant about the "great evil" presented by *King Lear* in one of his essays, which include "Inside the Whale" and "Politics and the English Language."

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

020-11-29-06204

5. The ruins of this city that was once destroyed by Sennacherib are located near Al-Hillah, Iraq. For 10 points each:

[10] Name this city that was once the base of power for Nebuchadnezzar II and home to hanging gardens.

ANSWER: **Babylon**

[10] This other Mesopotamian kingdom was ruled by men like Sennacherib and Tiglath-pileser III. Its most populous city was Nineveh.

ANSWER: **Assyria** [or **Assyrian** Kingdom]

[10] This last great ruler of Assyria created the first organized library in the region. He officially instated Necho I as ruler of Egypt.

ANSWER: **Ashurbanipal**

001-11-29-06205

6. Answer these questions about Viking raids in England, for 10 points each.

[10] One man who repelled many Viking raids was this ninth-century king, the only English king to be nicknamed "the Great."

ANSWER: **Alfred** the Great

[10] This is the name of the tribute money paid to the Vikings to stop them from raiding an area. It was first paid after the Battle of Maldon.

ANSWER: **Danegeld**

[10] With a similar name to the Danegeld, this term refers to the area which was largely controlled by the Vikings, including Northumbria.

ANSWER: **Danelaw**

024-11-29-06206

7. Agarose and acrylamide are common materials used in this technique. For 10 points each:

[10] Name this molecular biology technique where DNA or protein is loaded into lanes and then an electric field causes separation based on size and charge.

ANSWER: gel **electrophoresis**

[10] This type of blot removes DNA from a gel for further analysis.

ANSWER: **Southern** blot

[10] This anionic detergent known by a three letter acronym is often used to denature proteins in polyacrylamide gel electrophoresis. It is also common in shampoo.

ANSWER: **SDS** [or **sodium dodecyl sulfate**; or **Sodium lauryl sulfate**; or **SLS**]

001-11-29-06207

8. Name the following about the geography of Utah, for 10 points each.

[10] This large, highly saline lake has no outlets and gets water from the Jordan, Weber, and Bear Rivers.

ANSWER: **Great Salt** Lake

[10] This location in Utah has a Speedway that is often used for land speed trials due to its smoothness.

ANSWER: **Bonneville Salt Flats**

[10] This national park to the northeast of Zion National Park is actually a series of naturally carved amphitheaters rather than what its name suggests.

ANSWER: **Bryce Canyon** National Park

023-11-29-06208

9. This essay was inspired by its author's outrage at the Mexican-American war. For 10 points each:
[10] Name this essay, which tells of its author's stay in jail for not paying a poll tax, and which states that "That government is best which governs least."

ANSWER: "**Civil Disobedience**"

[10] "Civil Disobedience" was penned by this Transcendentalist author, who also wrote about his time living away from civilization in *Walden*.

ANSWER: Henry David **Thoreau**

[10] Thoreau's last words are said to be "Moose" and this other word. Sherman Alexie wrote the "Absolutely True Diary of a Part-Time" one, which tells of his experience as a member of this ethnicity.

ANSWER: **Indian**

080-11-29-06209

10. This painter painted many views of Mont Sainte-Victoire. For 10 points each:

[10] Name this French painter of *The Card Players* whom Picasso called "the father of us all" for his influence on Cubism.

ANSWER: Paul **Cezanne**

[10] Cezanne may be best known for a painting of nudes doing this activity. Ingres painted a "Valpincon" example of someone doing this activity as well as some women doing it in Turkey.

ANSWER: **bathing** [or **_bathers**]

[10] Cezanne also painted several still lifes depicting these fruits spilling out of a basket.

ANSWER: **apples** [or **pommes**]

026-11-29-06210

11. This woman wrote *Sex and Temperament in Three Primitive Societies*. For 10 points each:

[10] Name this author whose most famous work was criticized by Derek Freeman.

ANSWER: Margaret **Mead**

[10] This aforementioned work of Margaret Mead discusses the maturation of adolescent girls in the title location.

ANSWER: ***Coming of Age in Samoa***

[10] Margaret Mead studied under Boas at this New York City university.

ANSWER: **Columbia** University

001-11-29-06211

12. This man's works include "The Shepheardes Calendar, and he also wrote the "Amoretti" for his wife.
For 10 points each:

[10] Name this English poet who created a namesake sonnet.

ANSWER: Edmund **Spenser**

[10] Spenser wrote this allegorical epic poem in which the title character, Gloriana, represents Elizabeth I while Duessa represents Mary, Queen of Scots.

ANSWER: ***The Faerie Queen***

[10] In *The Faerie Queen*, this character killed the half-woman half-serpent monster Error and marries the lovely Una.

ANSWER: **Red Cross Knight**

030-11-29-06212

13. David Lee Roth's first solo success was a cover of this song, which originally appeared on a 1965 Beach Boys album. For 10 points each:

[10] Name this song that contrasts the title females with "mid-west farmers' daughters" and dubs them the "cutest in the world" after repeatedly stating "I wish they all could be" these people.

ANSWER: "**California Girls**"

[10] A more recent hit named "California Gurls" was sung by this performer, who was cut out of *Sesame Street* and also recorded "Firework" and "Hot and Cold."

ANSWER: Katy **Perry** [or Katheryn Elizabeth **Hudson**]

[10] This band declared "I hate California girls" on the 2008 record *Distortion*. This Stephin Merritt vehicle may be better known for 1999's triple album *69 Love Songs*.

ANSWER: The **Magnetic Fields**

019-11-29-06213

14. Name these prominent families of Renaissance Italy, for 10 points each.

[10] Cosimo the Great and Lorenzo the Magnificent were members of this family that dominated Florence's politics for centuries.

ANSWER: de **Medicis**

[10] Leonardo's patron Ludivico the Moor and the military strongman Francesco I were rulers of fifteenth-century Milan as part of this family.

ANSWER: **Sforzas**

[10] The Sforzas took over Milan from this previous dynasty, which created the title of Duke of Milan during its two-hundred-year rule.

ANSWER: **Viscontis**

019-11-29-06214

15. This man's architecture firm helped designed the problematic Millennium Bridge in London. For 10 points each:

[10] Name this British architect of The Hearst Building, the Millau Viaduct, and London City Hall.

ANSWER: Norman Robert **Foster**, Baron Foster of Thames Bank

[10] Norman Foster added a glass dome in his redesign of this home of the German Parliament, which is also known for a 1933 fire that helped establish Nazi rule.

ANSWER: **Reichstag** Building

[10] Foster designed the metro stations of this Spanish city, also home to a Frank Gehry designed Guggenheim art museum.

ANSWER: **Bilbao**

001-11-29-06215

16. Answer some questions about mythological symbols for 10 points each:

[10] The ouroboros is a depiction of one of these animals eating its tail. In Norse myth, the Midgard one is named Jörmungandr.

ANSWER: **serpent** [or **snake**]

[10] This staff carried by Hermes is sometimes used as a symbol for medicine.

ANSWER: **caduceus**

[10] In Egyptian mythology, the "wadjet" was often associated with this cow goddess and alter ego of Sekhmet.

ANSWER: **Hathor**

015-11-29-06216

17. The title character of this work falls in love with a woman already engaged to Albert. For 10 points each:

[10] Name this novel of the Sturm und Drang movement which ends with the protagonist shooting himself in the head.

ANSWER: The Sorrows of Young Werther [or Die Lieder des Jungen Werthers]

[10] *The Sorrows of Young Werther* was a work by this German author of *Faust* and *Wilhelm Meister's Apprenticeship*.

ANSWER: Johann Wolfgang von **Goethe**

[10] This is the name of the woman that Werther falls in love with in the play. A Thomas Mann novel is titled after this woman "in Weimar".

ANSWER: **Lotte** [or **Charlotte**]

064-11-29-06217

18. Movements in this work include "The Sea and Sinbad's Ship" and " Festival At Baghdad". For 10 points each:

[10] Name this symphonic work based around *The Arabian Nights*.

ANSWER: **Scheherazade**

[10] *Scheherazade* is by this Russian composer of *Capriccio Espagnol* and *The Tale of Tsar Saltan*.

ANSWER: Nikolai Andreyevich **Rimsky-Korsakov**

[10] This piece from the *The Tale of Tsar Saltan* depicts the title movement of an insect. The difficulty in this piece is the long stretch of 16th notes.

ANSWER: **Flight of the Bumblebee**

001-11-29-06218

19. It states that the restoring force is equal in magnitude to the spring constant times the displacement.

[10] Name this law of elasticity.

ANSWER: **Hooke's** Law

[10] Related to Hooke's Law is this ratio of stress to strain.

ANSWER: **Young's** Modulus

[10] This is the ratio of transverse strain to longitudinal strain.

ANSWER: **Poisson's** Ratio

001-11-29-06219

20. This man received a notable name after wrestling with an angel, and received the enmity of his brother after claiming the birthright that that man had sold him. For 10 points each:

[10] Name this grandson of Abraham, brother of Esau and father of Joseph who also dreamt of a procession of angels traveling up and down his namesake "ladder."

ANSWER: **Jacob** [or **Israel**; or **Yakov**]

[10] Jacob's mother was this wife of Isaac who was chosen for her husband when she offered water not only to her father-in-law's servant, but to his camels as well. Her name means both "to bind" and "enchantingly beautiful."

ANSWER: **Rebecca** [or **Rifkah**]

[10] This man, Rebecca's brother, also becomes Jacob's father-in-law when he marries this man's daughters Rachel and Leah.

ANSWER: **Laban** [or **Lavan**]

081-11-29-06220

21. One work in this genre sees the title character, a ghost, protect her living lover from evil female spirits called the Wilis. For 10 points each.

[10] Name this type of musical work exemplified by Adolphe Adam's *Giselle*.

ANSWER: **ballet**

[10] This French composer wrote the opera *Lakme* and the ballet *Le Corsair*.

ANSWER: Leo **Delibes**

[10] Probably the most influential ballet choreographer ever is Marius Petipa, a Frenchman who moved to this country.

ANSWER: **Russia**

026-11-29-06221