

1. Victor Mahillon created the small "Bach" form of this instrument. The natural form of this instrument doesn't have valves. Many of Purcell's works contain sections called "tunes" for this instrument. Anton Weidinger created a keyed version, prompting Haydn to write a concerto for it in E flat major. Jeremiah Clark's The Prince of Denmark's March is sometimes called a voluntary for it. This instrument is played by (*) Wynton Marsalis. It is similar to a cornet. For 10 points, name this B flat brass instrument which was played by Louis Armstrong.

ANSWER: trumpet

001-11-29-09102

2. In this game, items like heart boosts and the parrot Squawks are sold by a character named Cranky, and a pig with glasses marks the players' reaching of checkpoints in levels. This game's antagonists are the Tiki Tak Tribe, who stole the protagonist's (*) bananas. For 10 points, name this game for the Wii, which sees the return of the title character and Diddy Kong.

ANSWER: Donkey Kong Country Returns [do not accept or prompt on incomplete answers]

088-11-29-09103

3. The advisor Aeschere (ASH-er-uh) is killed in retribution for the death of this character. His slayer is rewarded with a necklace by Queen Wealtheow (WEE-al-thow) and this character is apparently provoked by the sound of singing soldiers. He is killed by a warrior from Geatland who fights unarmed and tears off his shoulder. He attacks the mead hall Heorot (HAIR-ut) of the Danish King Hrothgar (ROTH-gar). His death provokes the wrath of his (*) mother, who lives at the bottom of a lake. For 10 points, name this monster killed in the first part of *Beowulf*.

ANSWER: Grendel

064-11-29-09104

4. The entire mass of this organ is sometimes referred to as the corpus vesicae fellae. The Sphincter of Oddi and the hormone CCK control the release of products from the pancreas and this organ. One of the main causes of jaundice is the creation of a certain "stone" in this organ. This organ is removed during a cholecystectomy and stores a product that is released into the (*) duodenum of the small intestine during digestion. For 10 points, name this organ that stores bile produced by the liver.

ANSWER: gallbladder

064-11-29-09105

5. In one novel by this author, the protagonist continually encounters threatening red-haired men before purchasing some over-ripe strawberries. In another novel by this author, Naphta and Settembrini continually debate. This author created the writer Gustav von Aschenbach, who expires on the beach after witnessing a fight between Jasiu and Tadzio. In another novel by this author, (*) Hans Castorp visits a sanatorium. For 10 points, name this German author who wrote *Death in Venice* and *The Magic Mountain*.

ANSWER: Paul Thomas Mann

026-11-29-09106

6. After this battle ended, the losing side captured Fort Bowyer, but had to give it back two days later. Among the leaders who took part in this battle were the Choctaw scout Pierre Jugeant and the pirate Jean Laffite. Forces under the command of Edward Pakenham could not penetrate the fortifications along a canal, causing over two thousand British casualties compared to the 71 American casualties. Taking place (*) after the Treaty of Ghent was signed, this is, for 10 points, what battle at the end of the War of 1812 that took place near a Louisiana city?

ANSWER: Battle of New Orleans

083-11-29-09107

7. This thinker was ridiculed by the newspaper *The Corsair*, and near the end of his life he attacked the bishop H.L. Martensen in several letters. This author of *The Concept of Anxiety* presented three forms of despair in his *Sickness unto Death*, which he wrote under the pseudonym Anti-Climacus. He contrasts the aesthetic and ethical ways of life in his book (*) *Either/Or*, while another work by him centers on Abraham's decision to sacrifice his son Isaac. For 10 points, name this Danish philosopher of *Fear and Trembling*.

ANSWER: Søren Aabye Kierkegaard

083-11-29-09108

8. This character wears a red hunting hat that he bought after losing the fencing team's foils, and wonders where the ducks in Central Park go in the winter. Carl recommends that this character see a psychiatrist, to whom he tells "the first thing you'll probably want to know is where I was born" and rails against "phonies." Still not over the death of his brother (*) Allie, he decides to become a deaf-mute hermit, but rejects his sister Phoebe's wish to run away with him. For 10 points, name this main character of *The Catcher in the Rye*.

ANSWER: Holden Caulfield [or Holden Caulfield]

003-11-29-09109

9. One equation useful for the simplest type of these circuit components is permittivity times area all divided by distance. The SI unit of these components is defined in coulombs per volt. In parallel, the measure of the effectiveness of these components adds; in series, you must take the sum of the reciprocals of the individual measures. The most basic types of these circuit components are made up of two (*) parallel plates. For 10 points, name these circuit components whose ability to store charge is measured in farads.

ANSWER: capacitors

026-11-29-09110

10. The Bar Confederation fought for the independence of this nation. The thirteenth of the Fourteen Points called for this country's establishment and its access to the sea. The Piasts were one line of kings from this nation, which was home to a parliament called the Sejm ("SAME"). This thrice-partitioned nation was the birthplace of Pope (*) John Paul II. For 10 points, name this country whose first post-communist president was Lech Walesa, who started the Solidarity union in this nation's Gdansk shipyards.

ANSWER: Republic of Poland [or Rzeczpospolita Polska]

026-11-29-09111

11. **The hypothesis that this structure consists of two separate parts was put forth by Inge Lehmann. Some scientists believe that it rotates at a different speed than the rest of the Earth. S-waves cannot travel through one part of this structure. Convection in one part of this structure creates a (*) magnetic field which deflects the solar wind. That part of this structure consists of nickel and iron and lies beneath the mantle. For 10 points, name this innermost layer of the Earth.**

ANSWER: core

024-11-29-09112

12. **The Limbourg brothers created a decorative one of these for the Duc de Berry. The one used in Baha'i is divided into 19 subunits while the one used by Hindus is divided into tithi. One of these introduced during the French Revolution contained a division known as Thermidor. The (*) Jewish one contains such divisions as Kislev and Tishrei while the Muslim one, based off of lunar cycles, contains such divisions as Ramadan. For 10 points, name this system that have Julian and Gregorian variants in the western world and which are typically divided into 12 months.**

ANSWER: calendars

064-11-29-09113

13. **This group grew out of the Bible Students movement, and adopted their current name in 1931 under Joseph Rutherford. This group's founder preached that Christ returned to the earth in 1874, and that the "Gentile Times" would end in 1914. Founded by Charles Taze Russell, they practice disfellowship, or shunning, and believe that exactly (*) 144,000 people will be allowed into heaven after Armageddon. For 10 points, name this Christian sect which publishes *The Watchtower* and refuses blood transfusions.**

ANSWER: Jehovah's Witnesses [or The Watchtower Bible And Tract Society]

082-11-29-09114

14. **While in a flower shop, this woman hears the backfiring of a car that she believes may be carrying the queen; that event occurs shortly after this woman meets Hugh Whitbread. Later, this woman hears of the suicide of a man who jumps out of a window, Septimus Smith. She is visited by (*) Peter Walsh and Sally Seton, making her reconsider her decision to marry Richard. For 10 points, name this party hostess and title character of a stream of consciousness novel by Virginia Woolf.**

ANSWER: Mrs. Clarissa Dalloway [or Mrs. Clarissa Dalloway]

081-11-29-09115

15. **An October 2010 report noted that the Furtwängler Glacier near the summit of this mountain is rapidly melting. Home to the Chagga people, this mountain is known for Gilman's Point, a common stopping point located on the rim of a volcanic crater. Its actual summit of (*) Uhuru Peak can be reached by a variety of trails, many of which are accessible to those without climbing equipment. This mountain's name likely comes from Swahili. It is located in Tanzania. For 10 points, name this highest mountain in Africa.**

ANSWER: Mount Kilimanjaro

083-11-29-09116

16. **This man achieved full power within his party at the Zunyi Conference. That conference occurred while this man and other members of his party were traveling from Jiangxi (jee-AHNG-shee) to Yanan as part of the Long March. This leader's third wife was part of an influential group that was named the Gang of Four. This ruler was responsible for his country taking part in the (*) Great Leap Forward and the Cultural Revolution. For 10 points, name this political rival of Chiang Kai-shek who was the first leader of Communist China.**

ANSWER: Mao Zedong [or Mao Tse-tung]

023-11-29-09117

17. In one opera by this composer, Leila is recognized as a woman who saved a man's life because of a necklace, and two characters sing the "Friendship Duet." Zurga and Nadir feature in that opera by this composer. In another opera, this composer wrote the "Flower Song" and told of (*) Don Jose's murder of the title character after she spurns him for the bullfighter Escamillo. For 10 points, name this French composer of the operas *The Pearl Fishers* and *Carmen*.

ANSWER: Georges **Bizet** [or named Georges Alexandre César Léopold **Bizet**]

026-11-29-09118

18. This man commissioned Francis d'Avignon to create a series of lithographs of famous Americans to accompany one of his works. Among his best-known early works is one depicting himself, his wife, and a woman identified as "Mrs. Haggerty," possibly his wife's sister. Along with Alexander Gardner, this man perfected the carte-de-viste process, by which he could produce multiple copies of a single image. His later exhibits included (*) "The Dead at Antietam." For 10 points, name this early American photographer known for his photographs of Civil War battlefields.

ANSWER: Mathew B. **Brady**

003-11-29-09119

19. This entity is the subject of the BPP algorithm. Archimedes approximated it by inscribing and circumscribing progressively larger n-gons. The probability that two integers are relatively prime is equal to six divided by the square of this. This is the definite integral from negative one to one of one over square root one minus x square dx. Lambert showed that it is (*) irrational. This is the equal to the inverse cosine of negative one. For 10 points, name this constant multiplied by the square of the radius to find the area of a circle.

ANSWER: **pi**

001-11-29-09120

20. One participant in this event supposedly ordered the killing of Simon Sudbury. A more notable leader of this event was killed by Mayor William Walworth during an encounter in Smithfield. Among its causes was an unpopular bill suppressing the wages of workers, passed in the aftermath of the Black Death. John Ball and Jack Straw were two participants in this event aimed at an unpopular (*) poll tax levied by John of Gaunt, the regent for Richard II. For 10 points, name this English uprising of 1381.

ANSWER: the **Peasants'** Revolt [or Wat **Tyler's** Rebellion; do not accept or prompt on "Peasants' War"]

064-11-29-09121

21. This artist used a Claude Lorrain painting as the basis for his *Dido Building Carthage*. Spectators on the banks of the Thames watch a blazing fire in his *The Burning of the House of Lords and Commons*. This artist showed a tugboat hauling away a British naval vessel that had served in the Battle of Trafalgar. Another work by him (*) supposedly depicts a rabbit crossing in front of an extremely obscure and clouded train. For 10 points, name this painter of the works *The Fighting Temeraire* and *Rain, Steam and Speed*.

ANSWER: Joseph Mallord William **Turner**

064-11-29-09122

22. The pointer of this name does not point to any valid address. This name is given to the ASCII character used to terminate c strings. The kernel of a matrix is also known as this space. This term also applies to the empty set. The statistical results of an experiment can reject the hypothesis of this name which assumes that no significant effect occurred. (*) For 10 points, name this term that refers to things with out value, that when combined with void describes a contract without legal effect.

ANSWER: **null**

001-11-29-09123

23. **This country experienced an interregnum during a crisis that took place between 1383 and 1385. As a result, the Aviz Dynasty was installed as its ruling house, and that dynasty later gave rise to the Braganza Dynasty. The Carnation Revolution brought democracy to this country, overthrowing the government of António Salazar. This country was home to (*) Henry the Navigator, who supported its explorers, and later explorers from this country include Vasco da Gama. For 10 points, name this country that colonized Brazil.**

ANSWER: **Portugal** [or **Portuguese** Republic; or Republica **Portuguesa**]

024-11-29-09124

1. This man was inspired to write one work after he witnessed Johann Tetzel selling indulgences. For 10 points each:

[10] Name this leader during the Protestant Reformation who wrote his *Ninety-Five Theses* while living in Wittenberg.

ANSWER: Martin **Luther**

[10] This man argued against Luther at the Marburg Colloquy and led the Reformation in Zurich until his death in the Second Kappel War.

ANSWER: Huldrych **Zwingli** [or Ulrich **Zwingli**]

[10] This city became the home of the writer of *The Institutes of the Christian Religion* after he was persuaded to stay by Guillaume Farel, and it was in this Swiss city that Michael Servetus was captured and tried before being executed.

ANSWER: **Geneva**

023-11-29-09201

2. For 10 points each, name these people who at one or another appeared on the *Food Network*.

[10] For a ten year span, this man had a *Food Network* show taped in front of an audience. He is known for catchphrases “Bam!” and “Kick it up a notch!” when he uses his spice blend called “essence”.

ANSWER: Emeril **Lagasse**

[10] This man hosted the series *Feasting on Asphalt* but is better known for describing cooking from a scientific approach in his show *Good Eats*.

ANSWER: Alton **Brown**

[10] This woman enjoys preparing artery clogging, butter filled meals in her show on home cooking, which prepares traditionally Southern cuisine. She is occasionally joined by her sons Jamie and Bobby.

ANSWER: Paula **Deen**

064-11-29-09202

3. The eighth of them stated that the Alsace-Lorraine territory should be returned to France. For 10 points each:

[10] Name this series of proposals that also included freedom of the seas and the creation of an independent Poland.

ANSWER: **14 Points**

[10] The 14 Points were proposed by this U.S. President during World War I.

ANSWER: Thomas Woodrow **Wilson**

[10] The Versailles Treaty was opposed by this Republican senator from Massachusetts. This man opposed a measure in the Covenant of the League of Nations that allowed its members to go to war should any one of its members be attacked.

ANSWER: Henry Cabot **Lodge**

064-11-29-09203

4. This object is held onto a mouthpiece with the help of a ligature. For 10 points each:

[10] Name this part of many woodwinds, which is often formed from *Arundo donax*.

ANSWER: **reeds**

[10] A Belgian inventor developed this single-reed instrument, which has a metal neck and body, unlike the clarinet family.

ANSWER: **saxophone**

[10] This composer called for tenor saxophone in his Sixth Symphony and three saxophones in his Ninth, but works such as *Sinfonia Antarctica* and *Fantasia on "Greensleeves"* are better known.

ANSWER: Ralph **Vaughan Williams**

003-11-29-09204

5. This author collected "Five Stories of Music and Nightfall," including "Crooner" and "Malvern Hills," in his book *Nocturnes*. For 10 points each:

[10] Identify this Japanese-born British author who wrote about Stevens's attempts to master the art of bantering in *The Remains of the Day*.

ANSWER: Kazuo **Ishiguro**

[10] Ishiguro's Stevens is a member of this profession, serving his master Lord Darlington. Wodehouse wrote the best known character study of a member of this profession in *The Inimitable Jeeves*.

ANSWER: **butler** [or **valet**; prompt on "servant," I suppose]

[10] *The Remains of the Day* handily won this literary prize annually awarded to the best English-language novel written by a Commonwealth countryman.

ANSWER: Man **Booker** Prize for Fiction

020-11-29-09205

6. Martin Luther called this letter the most important portion of the New Testament, and this letter is used to defend the idea of salvation by faith alone. For 10 points each:

[10] Name this longest Pauline Epistle written to the Christians living in the title Italian city.

ANSWER: Epistle of Paul to the **Romans**

[10] Romans 5:12 notes that this entity entered the world through one man. In Chapter 6, Paul notes that death is the "wages" of this activity.

ANSWER: **sin**

[10] Paul had converted after having been blinded on the road to this city, where he is healed by Ananias in the Book of Acts.

ANSWER: **Damascus**

002-11-29-09206

7. One work of this author set in China is "The Poet," about Han Fook's sacrifices to become the title artist. For 10 points each:

[10] Name this German author of *Siddhartha*.

ANSWER: Hermann **Hesse**

[10] A booklet in this Hesse novel is labeled "only for madmen," and its main character, Harry Haller, experiences the surreal in the Magic Theater.

ANSWER: **Steppenwolf**

[10] The title character of this Hesse novel saves Emil Sinclair from the bullying of Franz Kromer. The son of Frau Eva, the title character of this work dies in World War I.

ANSWER: **Demian**

030-11-29-09207

8. Name some Canadian Prime Ministers, for 10 points each.

[10] This PM invoked the War Measures Act during the October Crisis. He was in office for most of the period between 1968 and 1984.

ANSWER: Pierre Elliott **Trudeau**

[10] This PM was appointed as a result of the King-Byng affair. He served two brief terms in the 1920s.

ANSWER: Arthur **Meighen**

[10] This woman was the first female PM. She was defeated only a few months after taking power in 1993.

ANSWER: Kim **Campbell**

024-11-29-09208

9. These structures are often surrounded by a myelin sheath, which aids in saltatory conduction. For 10 points each:

[10] Name these parts of the neuron that conduct electrical impulses to a synapse, which are typically longer projections than dendrites.

ANSWER: **axons**

[10] These gaps in the myelin sheath contain clusters of ion channels.

ANSWER: **nodes** of **Ranvier** [prompt on **nodes**]

[10] In this disease, the body's immune system attacks the central nervous system's myelin sheath, leading to poor conduction as ion channels spread across the axon membrane.

ANSWER: **multiple sclerosis** [or **MS**]

003-11-29-09209

10. One event during this ritual is drinking from the Zamzam Well. For 10 points each:

[10] Name this pilgrimage to Mecca during the last month of the Islamic calendar, compulsory for all Muslims who can afford to do so.

ANSWER: **hajj**

[10] Another event during the hajj is the circling of this cube-shaped building, legendarily built by Ibrahim, seven times.

ANSWER: **Ka'aba**

[10] "Lesser," non-compulsory pilgrimages to Mecca are not performed with the same calendar restriction as the hajj, and are known by this term.

ANSWER: **umrah**

003-11-29-09210

11. For 10 points each, answer the following about derivatives.

[10] The derivative is equal to this function of the line tangent to the curve at a point. This function is equal to the rise over run.

ANSWER: **slope**

[10] This theorem from calculus states that an integral and an antiderivative are equivalent functions.

ANSWER: **fundamental theorem** of **calculus** [or **FTC**; prompt on **fundamental** theorem]

[10] This general kind of function is the solution of a first-order constant-coefficient differential equation.

ANSWER: **exponential** function

003-11-29-09211

12. Enrico Caruso's recording of an aria in this opera was the first record to sell a million copies. For 10 points each:

[10] Name this opera in which Canio sings "Vesti la giubba" before donning his costume. It ends with Canio stabbing his wife Nedda and her lover Silvio during a performance of a comedia dell'arte troupe.

ANSWER: **Pagliacci** [or *I Pagliacci*; or **Clowns**; or **Players**]

[10] This Italian composer wrote *Pagliacci*.

ANSWER: Ruggero **Leoncavallo**

[10] *Pagliacci* is often double-billed with this other Italian's verismo opera *Cavalleria Rusticana*, or *Rustic Chivalry*.

ANSWER: Pietro Antonio Stefano **Mascagni**

026-11-29-09212

13. One formulation of this is known as Clausius's statement. For 10 points each:

[10] Name this law that implies that the total entropy in the universe does not decrease over time.

ANSWER: **Second Law** of Thermodynamics

[10] One attempt to circumvent the second law of thermodynamics is this one, in which the namesake being controls a door between two compartments and thus separates high energy molecules from low ones.

ANSWER: **Maxwell's Demon**

[10] The laws of thermodynamics can be explained using this branch of physics that looks at the properties of a large number of particles using probabilistic considerations.

ANSWER: **statistical mechanics**

001-11-29-09213

14. In Java, this method must be public static void. For 10 points each:

[10] Name this first programmer written method or function to be run upon beginning execution of a program.

ANSWER: **main** method [or **main** function]

[10] This type of method is called when an object is to be eliminated in C++, usually after invoking the operator delete. Method names of this sort begin with a tilde.

ANSWER: **destructor** [or **dtor**]

[10] The delete operator in C++ is called on a variable of this type. Like a reference, these variables consist of the memory address for an object. They can be dangling if not properly handled after calling delete.

ANSWER: **pointer**

001-11-29-09214

15. The grandfather of the title character of this novel could only see his wife through a hole in a cloth. For 10 points each:

[10] Identify this novel about the conflict between Shiva and Saleem Sinai, both of whom were born exactly when India and Pakistan came into being.

ANSWER: **Midnight's Children**

[10] *Midnight's Children* was written by this former husband of Padma Lakshmi, whose novel *The Satanic Verses* resulted in a fatwa upon his head.

ANSWER: Sir Ahmed Salman **Rushdie**

[10] Mary Pereira, the woman who switches Shiva and Saleem, later owns a pickle factory, much like the central family of this novel by Arundhati Roy.

ANSWER: *The **God of Small Things***

020-11-29-09215

16. This man wrote a play about Shelly Levene, a washed-up real estate salesman who is caught stealing leads. For 10 points each:

[10] Name this author of *Glengarry Glen Ross* who also directed movies such as *The Spanish Prisoner* and *House of Games*.

ANSWER: David **Mamet**

[10] Gert's breathing problems are a result of his domineering mother, Grandma Kurnitz in this man's play *Lost in Yonkers*. He also wrote *The Odd Couple*.

ANSWER: Neil **Simon**

[10] Roy Cohn is haunted by Ethel Rosenberg as he is dying of AIDS in *Angels in America*, which was written by what playwright?

ANSWER: Tony **Kushner**

030-11-29-09216

17. One experiment run by this man involved a group of collaborators known as confederates. For 10 points each:

[10] Name this American psychologist who ran a 1950's experiment which asked participants to identify which member of a group of lines was the longest.

ANSWER: Solomon **Asch**

[10] That aforementioned experiment dealt with this concept in which a single member of a group will act according to the majority of the group.

ANSWER: **conformity** (accept equivalents)

[10] Conformity is similar to this other concept which arises when a person holds two conflicting viewpoints at the same time.

ANSWER: **cognitive dissonance**

064-11-29-09217

18. For 10 points each, name these Pop Artists.

[10] This man founded a studio known as The Factory, and created silkscreen prints of objects of mass consumer culture such as *Campbell's Soup Cans*.

ANSWER: Andy **Warhol** [or Andrew **Warhola**]

[10] This man's style using Ben-Day dots both evoked and parodied comic book styles. He is best known for a work depicting a fighter plane firing a rocket into another plane.

ANSWER: Roy Fox **Lichtenstein**

[10] This artist created series of monochromatic *White Paintings*, *Black Paintings*, and *Red Paintings*, and pioneered an art form known as combines.

ANSWER: (Milton Ernst) "Robert" **Rauschenberg**

003-11-29-09218

19. This leader advocated a policy of "peaceful coexistence" with the United States. For 10 points each:

[10] Name this leader of the Soviet Union who sent in troops to quell the 1956 revolution in Hungary.

ANSWER: Nikita Sergeyeovich **Khrushchev**

[10] Khrushchev supposedly banged one of these objects during a speech at the UN in 1960. Journalist Muntadhar al-Zaidi threw both of his at President Bush in 2008.

ANSWER: **shoes**

[10] Khrushchev gave this report to the Twentieth Congress in 1956, which introduced his intentions of de-Stalinization.

ANSWER: **Secret Speech** [or *On the Personality Cult and Its Consequences*]

023-11-29-09219

20. Answer the following about rivers in South America, for 10 points each.

[10] This river is the longest in South America and the second longest river in the world.

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

[10] This river flows mostly through Venezuela, with part of its course entering into Colombia.

ANSWER: **Orinoco** River [or Rio **Orinoco**]

[10] This second longest river of South America joins with the Uruguay River to form the Rio de la Plata.

ANSWER: **Paraná** River [or Rio **Paraná**]

023-11-29-09220

21. One dictator from this country had one of his subordinates murdered by chainsaw while listening to polka music. For 10 points each:

[10] Identify this nation ruled by Alfredo Stroessner and Jose Estigarribia, which lost a vast majority of its population under the reign of Fransisco Solano López.

ANSWER: Republic of **Paraguay** [or República del **Paraguay**; or Tetã **Paraguái**]

[10] López was responsible that great culling of his own people by fighting Argentina, Brazil, and Uruguay in this war.

ANSWER: War of the **Triple Alliance**

[10] Three days of inconsequential rule by Tomás Romero separated the reign of a president with this surname and Stroessner. Another president of this surname leads Venezuela today.

ANSWER: **Chávez** [or Federico **Chavez**; or Hugo Rafael **Chavez** Frias]

020-11-29-09221