Tossups

1. (kerrith_blit) **After his first volume of poetry was published, he had a nervous breakdown and began to travel for his health. He returned to England and** (*) immediately enlisted at the outbreak of World War I. While waiting for battle, he wrote his most famous work, a collection of patriotic war sonnets that made him a national hero and symbol of the English soldier. Ironically, he died of blood poisoning before he ever saw combat. FTP, name the author who wrote, "If I should die, think only this of me: / That there's some corner of a foreign field / That is forever England."
Answer: Rupert _Brooke_

2. (Maddog_AmHist) **There were two of these institutions, the first formed in 1791 and the second in 1816, and coincidentally they both lasted for 20 years,** (*) perhaps because that was the length of the charter. The first was not rechartered because of its conservative policies and strong opposition from the agrarian population, and the second was attacked vehemently by Andrew Jackson, who vetoed the second's institution's recharter. FTP, name these institutions, the dream of Alexander Hamilton, which were established by Congress to serve as government fiscal agents and as depositories for federal funds.
Answer: _Bank of the United States_

3. (jlive_phys) **Willem s'Gravesande argued that if dents in clay made by the impact of balls dropped from a height were used to measure the force of a body in motion, then force would have to be understood as this absolute quantity invented by Leibniz.** (*) Leibniz set it equal to the product of the mass and the square of the velocity, and he thought it was the dynamic quantity conserved in the universe. FTP, identify this Enlightenment concept of mechanics which literally means "living force."
Answer: _vis viva_

4. (kyle_misclit) **He joined the Communist party before World War II, writing *The Heart of the Grenade* in support of the Soviets.** (*) However, he resigned from the Polish Communist Party in 1957, disappointed with the slow reform movements undertaken by First Secretary Władysław Gomułka. Better known for his writings, this poet's major work, *Poem for Adults*, was published in 1955 and denounced his government's support for Josef Stalin's regime in the USSR. FTP, name this poet and essayist often associated with the Avant-Garde movement.
Answer: Adam _Wazyk_

5. (piguy_chem) **These reagents are named in honor of the French chemist who discovered their usefulness in 1905 and received the Nobel Prize in chemistry in 1912 for their discovery.** (*) The reaction using these reagents is always carried out in an ether solvent, which is needed to solvate and stabilize the reagent as it forms. They may be made from primary, secondary, and tertiary alkyl halides, as well as from vinyl and aryl halides. FTP, name these reagents, which result from the reaction of an alkyl halide with magnesium metal.
Answer: _Grignard_ reagent(s)

6. (Maddog_sociol) **In *The Social System*, he argued that the crucial feature of societies is homeostasis, or the maintenance of a stable state. Considered a functionalist, he believed that society was an organism, with each part having a specific function.** (*) His main arguments regarded society as a self-regulating entity with basic needs, such as the delivery of goods and services as well as the care of children. FTP, name this noted American sociologist, author of *The Structure of Social Action* and *Sociological Theory and Modern Society*.
Answer: Talcott _Parsons_

7. (brian_alit) **"Whoso would be a man must be a nonconformist," urges this bedrock essay** (*) of transcendentalism. It has been called an American response to the growingly popular nihilist movement in Europe, capturing beautifully the general spirit of 1841 America. FTP, name this Ralph W. Emerson essay, which argues that every person has the ability to know and contribute to himself.
Answer: _Self-Reliance_

8. (piguy_chem) **This polymer is composed of D-glucose units linked by β-1,4' <beta one four prime> glycosidic bonds.** (*) The most abundant organic material, long molecules of this polymer, called microfibrils, are held in bundles by hydrogen bonding between the numerous OH groups of the glucose rings. About 50% of dry wood and 90% of cotton fiber is composed of this polymer. FTP, name this polymer that is used as a structural material to support the weight of plants.
Answer: _cellulose_ (prompt on starch)

9. (chalsey_myth) **She is of the line descended from Perseus, being the daughter of Electryon and wife of Amphitryon.** (*) As one of Zeus' mistresses, she bore him a daughter, Semele, who would also bear Zeus a son, Dionysus. This woman was more known, however, for her son fathered by Zeus. FTP, name this mother of the Greek hero who was famous for his twelve great labors whose name means "might of the moon."
Answer: _Alcmene_

10. (Maddog_asianlit) **Good friends with Muhammad Ali Jinnah, his only work in English was *The Reconstruction of Religious Thought in Islam*. Writing poetry both in Urdu and Persian,** (*) he was an outspoken voice for Muslim rights in colonial India. FTP, name this poet and philosopher who proposed a plan for a separate Muslim homeland in India in 1938, creating the basis for modern Pakistan.
Answer: Mohammad _Iqbal_

11. (jgaunt_mischist) **He published around 50 mathematical papers in his lifetime and was one of the first mathematicians to investigate the basic properties of numbers. He approached logic in a new way,** (*) simplifying it to a simple algebra, thus incorporating logic into mathematics. This algebra of logic now finds modern applications in computer construction and switching circuits. FTP, name the discoverer whose pointed out the analogy between algebraic symbols and those that represent logical forms who will forever be linked to and, or, the exclusive or, and nor.
Answer: George _Boole_

12. (kerrith_music) **Of its six movements, the last one is most famous, the culmination of the piece. The composer called it a "symphony," but it is more often thought of as a song cycle** (*) for orchestra, tenor, and baritone. The first movement is "Drinking Song of Earth's Misery;" subsequent movements describe the beauty of spring and youth, the joys of wine and merriment, the sorrow of death and loneliness, and the composer's tender farewell to life. FTP, name this work of Gustav Mahler based on Hans Bethge's *The Chinese Flute*.
Answer: _Das Lied von der Erde_ (Song of the Earth)

13. (jlive_philo) **In book nine of Aristotle's *De Interpretatione*, we are introduced to this example in a treatment of the logical concepts of necessity and possibility.** (*) It is necessary that either there will be one of these tomorrow or there will not be one of these tomorrow, which seems to suggest a form of logical determinism. FTP, identify this example possibly inspired by Athens' illustrious navy.
Answer: _sea-battle_ (accept sea-fight or clear knowledge equivalents)

14. (Maddog_Art) **The only known image of this artwork is an Alfred Stieglitz photograph taken shortly before it disappeared in 1917. The artist was one of the founders of the American Society of Independent Artists**, (*) and he created this work as an example of his belief that art should appeal to the intellect, not the senses. He submitted the work for the Society's annual open exhibition to test how open it really was. He was not surprised when this piece was refused, and he promptly resigned his membership. FTP, identify this artwork by Marcel Duchamp, a urinal turned 90 degrees and signed R. Mutt.
Answer: The _Fountain_

15. (tallpaul_bhist) **The poor administration of Henry VI of England led to discontent, leading to this escalating rebellion that originated with Richard, Duke of York, his initial appointment to the title of "Protector," and the subsequent malcontent of Margaret of Anjou.** (*) Beginning in 1455 with the Battle of St. Alban's, this dispute over the English crown ended with Henry Tudor's victory in 1485 at Bosworth Field and his subsequent marriage to Elizabeth of York. FTP, name these struggles between the Lancasters and the Yorks that are named after a particular symbolic flowering plant.
Answer: _Wars of the Roses_

16. (greg_polisci) **It was created in its current form in August of 1991 after its previous incarnation shut down on the orders of Boris Yeltsin.** (*) Now published in English and Portuguese as well as in Russian, it continues to be the mouthpiece for Russia's communist party even though it no longer receives government support. FTP, name this newspaper founded in 1912 whose title is derived from the Slavic word for truth.
Answer: _Pravda_

17. (piguy_bio) **This disease, which was first described by Hippocrates in 412 BC, is the last remaining great plague from the past. The disease is caused by orthomyxoviruses, viruses that have an envelope surface antigen called hemagglutinin that is responsible for their infectivity.** (*) Like many other viral respiratory infections, this disease is a relatively superficial infection. Symptoms of the disease, which begin to appear 36 to 48 hours after infection, include fever, malaise, muscle soreness, cough, nasal discharge, sore throat, and gastroenteritis. FTP, name this disease that people often get shots for in the winter.
Answer: _influenza_ (accept "flu")

18. (Maddog_econ) **Prior to the adoption of this theory in classical economics, economists believed that the cost of production was the sole determinant of the value of goods. Part of the Law of Diminishing** (*) Utility, it was first developed by British economist William Stanley Jevons. FTP, identify this economic concept that states that each purchaser makes purchases according to an adjustment between his or her own valuations of commodities and those that prevail in the market.
Answer: _marginal utility_

19. (greg_ceurhist) **Born in 1484, he became a noted humanist scholar while a pastor in Glarus and first preached in Zurich in 1519.** (*) While in Zurich he gave a series of lectures on the New Testament that helped begin the Swiss reformation. Unlike Luther, he taught that the *Bible* was the only source of religious truth. FTP, name this founder of the Swiss reformed church who was killed in battle in 1531.
Answer: Ulrich _Zwingli_ (accept Huldrych Zwingli)

20. (kyle_misclit) **She released her latest book, *La Nieta de los Mayos*, or *Crossing Borders*, in 1998. Born in Guatemala in 1959,** (*) she grew up in a traditional Quiché (key-chay) family until war tore the country apart. Forced into exile in 1981, she dictated her experiences to Elizabeth Burgos Debray, who then published them into her most renowned work. FTP, name this controversial Guatemalan peace activist who won the 1992 Nobel Peace Prize.
Answer: Rigoberta _Menchú_ Túm

21. (Maddog_geog) **The last great barrier to navigation on this river are the Quebrabasa rapids in Mozambique. In Mozambique, it also passes through the Kariba and Cahora Bossa** (*) Dams before emptying into the Indian Ocean. From its headwaters, it flows through eastern Angola, passes through Zambia, forms the Northern border of Botswana, and creates the border between Zambia and Zimbabwe. FTP, name this river, the fourth longest in Africa, that is also the home of Victoria Falls.
Answer: _Zambezi_ River

22. (Maddog_asianhist) **After 9 years of working closely with the new emperor, the members of this rebellion grew dissatisfied with the direction of the new government. In response, Saigo Takamori,** (*) a field marshal who had helped train the fledgling Japanese army, led a massive force against the government. However, the samurai were easily defeated by the advanced weapons of the Japanese army, and after receiving a bullet wound Takamori committed Seppuku on the battlefield. FTP, identify this uprising of the Shimazu clan against the Meiji government, the basis for *The Last Samurai*.
Answer: _Satsuma Rebellion_ (accept revolt or equivalents)

23. (laura_psych) **During World War II, as a sailor with the Merchant Marines, this man played an instrumental role in smuggling Jews through a British blockade in Palestine.** (*) It was during these times that he began to contemplate the psychological subject that would make him famous. He earned a B.A. in Psychology from the University of Chicago in one year and in 1958 completed his Ph.D. which dealt with the subject for which he is known. FTP, name this psychologist known for his work in moral education and his theory on moral development.
Answer: Lawrence _Kohlberg_

Bonii

1. (Maddog_myth) FTPE, identify which one of the nine worlds of Norse mythology is described.

10—This is the world of the aesir, the highest gods in the Norse pantheon.
Answer: _Asgard_

10—This is the world of humans.
Answer: _Midgard_

10—This is the land of the giants.
Answer: _Jotunheim_

2. (piguy_phys) Given a quantity, give the SI unit by which it is measured, FTPE.

10—Electric potential.
Answer: _volt_

10—Absorbed dose.
Answer: _gray_

10—Capacitance.
Answer: _farad_

3. (Maddog_ceurhist) FTPE, given clues, name these events or terms of the French Revolution.

10—This group of revolutionaries that were dedicated to the revolution and direct democracy was composed mostly of artisans and shopkeepers. Their name was derived from the pants they wore.
Answer: _sans-culottes_

10—Originally called Brissotins, this main opponent of the Jacobins was a moderate faction and still favored some form of monarchy.
Answer: _Girondins_

10—A major shift in the revolution, members of the convention had Robespierre and his close followers arrested. In the next two days, the leader of the Committee of Public Safety and 82 of his associates were guillotined.
Answer: _Thermidorean Reaction_

4. (kyle_blit) FTPE, identify the following authors of these titles.

10—*Madame Bovary*.
Answer: Gustave _Flaubert_

10—*Tom Jones*.
Answer: Henry _Fielding_

10—*The Rape of the Lock*.
Answer: Alexander _Pope_

5. (jlive_philo) Identify the philosophical work, five for one, ten for two, twenty for three, or thirty for all four.

A—The most important work of Spinoza, it considers God, mind, emotions, and freedom in the geometric method.

Answer: _Ethics_

B—This work of Martin Buber opens by suggesting that "the world is twofold for man in accordance with his twofold attitude."
Answer: _I and Thou_

C—In this essay, W. V. Quine argues against the analytic/synthetic distinction and a theory called reductionism.
Answer: _"Two Dogmas of Empiricism"_

D—Boethius wrote this, his masterwork, while imprisoned at Pavia.
Answer: _Consolation of Philosophy_

6. (tallpaul_bhist) FTPE, identify the ruling British house from the following information.

10—This royal house originally ruled Scotland and later England beginning in 1603 with James I. Its last ruling member was Queen Anne in 1714.
Answer: House of _Stuart_

10—After the Stuarts came this royal clan from a German state. George I gained the crown because Parliament could not abide by a Catholic ruler. Victoria was the last member of this family to rule over Britain.
Answer: House of _Hanover_ (accept Hanoverians)

10—This Royal House was renamed to its current name by King George V on July 17, 1917 on account of the German origins of the original name. It is the family name of the current British Royal family.
Answer: House of _Windsor_

7. (piguy_chem) Answer these related questions about molecular geometry, FTPE.

10—This type of bond is the most common bond in organic compounds and has most of its electron density centered along the line joining the nuclei. Every double or triple bond contains one of these.
Answer: _sigma_ bond

10—When this type of hybrid orbital is present, the resulting molecular shape is a tetrahedral arrangement.
Answer: _sp^3_ hybrid orbital

10—Within 5 degrees, give the bond angle of methane, formula CH_4.
Answer: _109.5°_ (accept 104.5°-114.5°)

8. (Maddog_AsianHist) FTPE, answer these questions about the period of Chinese history from 220-589 AD, often referred to as the Age of Division.

10—The Age of Division began with the fall of this dynasty, commonly believed to be the golden age of Chinese imperialism, in 220.
Answer: _Han_

10—The period from 200-265 AD, a time of chivalry and heroism in Chinese lore, is labeled by this name, which describes the political division in the country.
Answer: The _ Three Kingdoms_

10—This city located on the Yangtze River served as the capital of four short lived dynasties during the Age of Division, but is better known as the site of Japanese atrocities in 1937.
Answer: _Nanjing_ (accept Nanking)

9. (kyle_flit) Identify the following Alexandre Dumas characters. You will receive five points for one correct response, ten points for two, twenty for three, or thirty for all four correct.

A—The central character of *The Three Musketeers* is not any of the musketeers but rather this young nobleman, who seeks to become a musketeer.
Answer: _D'Artagnan_

B—This Dumas character uses personas such as Sinbad the Sailor, Lord Wilmore, and The Count of Monte Cristo when committing various crimes across Europe.
Answer: Edmond _Dantès_

C—He is the prosecutor responsible for framing Dantès, becoming a prime target for the Count after he becomes more power-hungry.
Answer: Gérard de _Villefort_

D—D'Artagnan's landlord, who confronts Cardinal Richelieu after his wife is kidnapped, but after meeting him, turns on her.
Answer: Monsieur _Bonacieux_

10. (katypeters_music) Answer the following about a musical work FTPE.

10—This work consists of 11 sketches connected by a repeating theme titled "Promenade."
Answer: _Pictures at an Exhibition_

10—This man composed *Pictures at an Exhibition* as a work for two pianos.
Answer: Modest _Mussorgsky_

10—This French composer orchestrated *Pictures at an Exhibition*.
Answer: Maurice _Ravel_

11. (jlive_math) Identify the mathematical term being described FTPE.

10—A sentence or statement of this form or type is false whenever its antecedent is true and its consequent is false, and it is true otherwise.
Answer: _conditional_ (accept material implicational, if-then, and only-if)

10—The empty set is a subset of any set you might name. That is, if x is an element of the empty set, then x is an element of any set you might name. Since the empty set has no elements, the antecedent of this conditional is false. In such a case—whenever the antecedent of a conditional statement is false—we say that the statement is this.
Answer: _vacuously true_ (prompt on true)

10—In order to avoid the paradoxes of material implication, C. I. Lewis developed this version of the conditional for modal logic.
Answer: _strict_ implication

12. (Maddog_AmHist) If I were to ask you to name the 1st, 5th and 16th Presidents, you would spew out Washington, Monroe, and Lincoln, and gladly scamper off with 30 points. However, this question would be much more interesting if it involved Canadian Prime Ministers. So you will get to name some of them, FTPE.

10—The 1st Prime Minister of Canada.
Answer: Sir John A. _McDonald_

10—The 5th Prime Minister.
Answer: Sir John S.D. _Thompson_

10—The 16th Prime Minister.
Answer: Louis _St. Laurent_

13. (piguy_bio) Identify these plant tissue types for the stated number of points.

5—This tissue, which provides a protective covering over plant parts, is composed mostly of parenchyma cells with scattered guard cells and trichomes.
Answer: _epidermis_

10—This tissue conducts carbohydrates formed in photosynthesis throughout the plant and provides structural support.
Answer: _phloem_

15—When plants grow, their cells only divide in specific areas. Name this area, which is composed of cells that do not differentiate.
Answer: _meristem(s)_ OR meristematic tissue (do not accept apical or lateral meristem unless both are given, as simply apical meristem or lateral meristem is too specific)

14. (Maddog_asianlit) FTPE, given works by Indian authors, identify the author.

10—*Sadhana: The Realization of Life*.
Answer: Rabrindanath _Tagore_

10—*The Serpent and the Rope* and *The Cat and Shakespeare*.
Answer: Raja _Rao_

10—*Hind Swara*j, or *Indian Home Rule*.
Answer: Mohandas _Gandhi_

15. (Maddog_mischist) FTPE, name the Native American tribe of South America from description.

10—This group built a massive empire in the Andes during the 15th century. Rich in gold, their empire was conquered by the Spanish in the 1530s.
Answer: _Inca_ (accept Quechua)

10—At its peak, this group spread from Florida all the way to southern Brazil, and they were the first natives encountered by Columbus. European diseases destroyed the population in the West Indies, and most remnants of the tribe now reside in Guyana.
Answer: _Arawak_

10—Second only to the Incas in size and advancement, this tribe was centered near modern day Bogota on the Magdalena River. They stiffly resisted Spanish encroachment, but in the end they were nearly exterminated.
Answer: _Chibcha_

16. (jlive_econ) Identify these fancy-sounding economics terms from descriptions FTPE.

10—Literally, this term indicates the passing of family wealth exclusively to the oldest child, although it is usually interpreted to mean the oldest male child.
Answer: _primogeniture_

10—The Latin phrase meaning "let the buyer beware."
Answer: _caveat emptor_

10—Another phrase co-opted from Latin, this one indicates a simultaneous and equal change.
Answer: _pari passu_

17. (Maddog_AmHist) FTPE, answer these questions about early Mexican leaders.

10—This man became the short-lived emperor under the Plan of Iguala in 1822.
Answer: Agustin de _Iturbide_

10—This man helped drive Iturbide out of office, and became president of the new republic in 1823.
Answer: Guadalupe _Victoria_

10—This leader helped Guadalupe Victoria depose Iturbide and would become President of Mexico three times himself.
Answer: Antonio Lopez de _Santa Anna_

18. (kyle_alit) FTPE, name the writers of the following short stories.

10—"The Storm," "The Awakening."
Answer: Kate _Chopin_

10—"The Bride Comes to Yellow Sky."
Answer: Stephen _Crane_

10—"Holy the Firm."
Answer: Annie _Dillard_

19. (piguy_sports) For the specified number of points, answer the following hockey questions.

5—During the 2002 Stanley Cup playoffs, this Red Wings captain truly showed his courage by playing with a severely injured knee that would require surgery after the playoffs and keep him out until the middle of the next season.
Answer: Steve _Yzerman_

10—During that same playoff year, this Maple Leafs captain tried to inspire his team by playing with a broken wrist that he sustained in his first playoff game that year. He froze the wrist before games for the next two games, collecting two points, but the pain overcame him, keeping him out for the rest of the playoffs.
Answer: Mats _Sundin_

15—In Game 6 of the 1964 Stanley Cup Finals against the Red Wings, this typically defensive defenseman broke his ankle in the third period and was carried off on a stretcher. He then returned in overtime after freezing and wrapping his ankle to score the game-winning goal, a moment that Sports Illustrated ranked as the 17th best sports moment of the 20th century.
Answer: Bob(by) _Baun_

20. (Maddog_geog) FTPE, identify the plateau.

10—Dominating central India, this plateau stretches from the Eastern to Western Ghat mountain ranges.
Answer: _Deccan_ Plateau

10—This plateau region in Peru lies in the east central foothills of the Andes. It is bordered by the Ucyali River to the east and the Nevati River to the north.

Answer: _Gran Pajonal_

10—This upland region of the southeastern United States splits the Appalachian Mountains. It extends from southwestern Virginia and southeastern Kentucky across eastern Tennessee, northwestern Georgia and northeastern Alabama.
Answer: _Cumberland_ Plateau

21. (piguy_trash) For each specified televised shopping channel, give the location of their headquarters. For each channel, five points will be awarded for giving only the state in which the channel is based and ten points will be awarded for giving both the city and state.

A—QVC.
Answer: _West Chester, Pennsylvania_

B—Home Shopping Network.
Answer: _St. Petersburg, Florida_

C—Shop at Home Network.
Answer: _Nashville, Tennessee_

22. (piguy_sports) The players on the LPGA tour are often buried in obscurity, despite the players' obvious talents. You can bring two of them into the light by answering the following questions for fifteen points each.

15—Who is the LPGA all-time victory leader, with 88 wins?
Answer: Kathy _Whitworth_

15—Who holds second place, with 82 wins?
Answer: Mickey _Wright_

23. (brian_polisci) Name these republican figures in California politics who are jostling for the California Senate nomination in 2004, FTPE.

10—He served a term as secretary of state before losing in the gubernatorial primary to Bill Simon in 2002.
Answer: Bill _Jones_

10—She was George W. Bush's first appointee as U.S. Treasurer and is a former mayor of Huntington Park.
Answer: Rosario _Marin_

10—He was once a higher-ranking member of the republican State House caucus but now is a radio talk-show host in California.
Answer: Howard _Kaloogian_