

## Tossups by Vanderbilt

1. The Stoics and Nietzsche embraced this belief, the Stoics as a consequence of perpetual divine activity and the German because of no reason he ever elucidated - but definitely not having to do with divine providence. An outcropping of the Stoic belief that the "best world" cannot be everlasting and thus dynamic, it is the doctrine that the same events have occurred over and over - and will continue to do so. FTP, name this tenet common in cyclical philosophy.

Answer: the eternal return

2. It first rose to prominence during the tenure of Andrew Jackson, who had little regard for George Washington's suggestion that appointments be made to "fit the job." It grew in importance over successive years, particularly as a tool of political machines like the Prendergasts in Kansas City and Tammany Hall in New York. FTP, name the process of political patronage that involved installing unqualified political allies to governmental posts and which was outlawed by the 1883 Pendleton Act.

Answer: the spoils system

3. It missed its author's mark, attacking the German state for suppressing the proletariat - he seemed not to realize that the target of Nazism was not the workers but rather the Jews. "Arturo Ui," one of the 24 theatrical vignettes, illustrates this error by comparing the Hitler's role in post-WWI Germany to a gangster in a Chicago racketeering scheme. FTP, name this work, Bertolt Brecht's most direct attack on Nazi Germany.

Answer: The Private Life of the Master Race (accept: Fear and Misery in the Third Reich)

4. The first stroke in this tournament was not even taken by a competitor, but rather Dr. E. C. Rushmore, who played as a marker with John Reid. The 1908 champ, Frank McLeod, is the lightest on record at a mere 108 pounds, and the first TV audience, in 1947 at St. Louis, was a tiny 200 households. The 1895 competition, held in Newport, RI, was delayed a month to avoid the America's Cup race. FTP, name this annual "major" golf tournament, known for its long holes, inescapable rough, and speedy greens.

Answer: U. S. Open

5. Born in 1760 in San Quentin, this man was an ardent supporter of the French revolution up until the time of the Reign of Terror. Under the pen name "Gracchus," he wrote a pamphlet entitled Tribune of the People, which harshly condemned the enemies of the Revolution. His belief in complete political and economic equality led him to attempt to overthrow the Directory, but he failed and was put to death. FTP, name this French political theorist, the founder of revolutionary socialism.

Answer: François Noel Babeuf

6. Until the postulation of the tachyon, a mathematically derived quirk in Einstein's theory of special relativity, there was no need for this class of particle. Also known as a bradyon, it is effectively all particles other than tachyons - that is, all particles with a real positive mass and a speed less than "c" in all inertial frames. FTP, name the general term for such a slow particle.

Answer: tardon (accept early: bradyon)

7. A 1988 performance of this opera by the Opera North required audiences to use scratch-and-sniff cards to drive home the conceit of a play-within-a-play. The actions of the opera center on a fairy tale concerning such conspirators as Fata Morgana, Clarissa, and Prime Minister Leandro, who attempt to prevent the cure of the melancholy son of the King of Clubs. FTP, name this strange, Carlo Gozzi-inspired work by Sergi Prokofiev, in which the Prince's melancholy is replaced with an overwhelming desire to find fruit.

Answer: The Love for Three Oranges (Lyubov'k tryom apel'sinam)

8. His father, a banker, died when he was only 18 months old, and he grew up in the tightly controlled confines of a Marianite school. His first poetry collection, *Clasped Hands*, did not stir up much interest, nor did "The Black Notebook," published under the pseudonym Forez. His novels, however, won him the 1952 Nobel Prize in Literature. Such works as "A Woman of the Pharisees," "The Desert of Love," and "Viper's Tangle" brought him great success. FTP, name the French author best known for "Therese Desqueyroux" and "A Kiss for the Leper."

Answer: Francois Mauriac

9. This city is home to the *Nay Galleria d'Art*, as well as an extension of Queen's College, England. Other cultural events in this city include an annual ATP tennis tournament, the *Temporada de Opera Otoño*, and a yearly procession through downtown known as *La beateta*. FTP, name the Mediterranean city, the largest city of the Balearic Island of Majorca.

Answer: Palma

10. The copper panel from the temple of Ninkhursag, near Ur, displays Imdugud, a god with the body of an eagle and the head of this animal. A large stone statue of the animal trampling a human stands in the ruins of Babylon, too heavy to be moved away by archaeologists. Vishnu's avatar Narasimha appears in this shape, as does the head of the Egyptian Nefertum and Sekhmet. FTP, name the creature captured by Gilgamesh in Uruk and by Hercules in Nemea.

Answer: lion

11. The United Nations agreed to a trusteeship of the Bonin and Ryukyu Island chains, while all claims to the Pescadores, the Kuriles, Sakhalin, and Formosa were completely renounced by Japan. Signed the same day, the U.S.-Japanese Treaty supplanted the earlier Tripartite Security Treaty. It provided for the complete withdrawal of occupation forces within 90 days of the ratification of every signatory of the treaty. FTP, name the agreement signed by 49 nations (not including the USSR) in the western United States.

Answer: San Francisco Peace Treaty (prompt on: Japanese Peace Treaty)

12. Most of the paintings in this series feature extremely dark, silhouetted figures against lightly colored, often beige backgrounds. Contrary to many Abstract Expressionists, its painter encouraged the creation of numerous prints of his works, and the dark, melancholy character of the prints of this series was very popular. FTP, name this series of paintings by Robert Motherwell mourning the rise of Francisco Franco.

Answer: Elegy to the Spanish Republic (accept: the Elegy series)

13. Godwin, Earl of Wessex, deposed the Norman archbishop of Canterbury in favor of a Saxon,

Stigand. Stigand's support of an anti-pope prompted this man, then a papal advisor to Alexander II, to sanction William the Conqueror's invasion of England. However, he is better known for the political conflicts that occurred in his tenure as pope. FTP, name the man, born Hildebrand, who at Canossa temporarily reconciled with Henry IV.

Answer: Saint (Pope) Gregory VII

14. The central lawyer for the defendant, William Corrigan, was a young man who was replaced by F. Lee Bailey during the appeal process. Under the eyes of the Welsh Judge Edward Blythin, the defense revealed such evidence of police incompetence as losing a cigarette found in the bathroom. Nonetheless, the jury found the defendant guilty of second degree murder and Judge Blythin sentenced him to life in prison. FTP, identify this 1954 case, overturned by the Supreme Court in 1965, which inspired "The Fugitive."

Answer: Ohio v. Sheppard (accept: Sheppard v. Ohio)

15. This theory was the basis for a series of predictions by Willem de Sitter and Alexander A. Friedmann concerning the expansion of the universe, as well as Arthur Eddington's theories concerning the breakup of objects due to excessive photon pressure. Its cornerstone is the field equation  $G = 8\pi T$ , where "G" is the gravitational tensor and "T" is the metric tensor. FTP, name this far-ranging theory developed in 1915 by Albert Einstein.

Answer: general theory of relativity

16. Black Comedy deals with the confusion caused by a power outage, while the conquest of the Incan empire is related in The Royal Hunt of the Sun. Five Finger Exercise deals with a troubled music tutor, and a young boy's violent fantasies are the subject of Equus. FTP, all of these works are plays by what author best known for Amadeus?

Answer: Peter Shaffer

17. Born in 1887, this architect's innovations ran counter to the functionalist trends of the day. A great fan of poured concrete, he used the harsh material to form rounded, organic buildings with an expressionist flair. He created many department stores and movie theaters in addition to the De La Warr Pavilion, a glass-enclosed staircase. FTP, name the German architect best known his Klingon-esque Einstein Observatory in Potsdam.

Answer: Erich Mendelshon

18. It predated the Monophysite heresy, but due to the similarities between them this heresy merged with its more popular cousin in the early 6th century. According to the heresy, the Logos (divine nature) of Christ was his "mind," while his "body" was a glorified, spiritualized form of humanity. FTP, name this heresy identified with a 4th century bishop of Laodicea, Syria.

Answer: Apollinarianism

19. He conducted the only nude interview in the history of the Presidency when Anne Royall, disappointed that the White House would not grant an interview, sat on the President's clothes and refused to move until he answered her questions. Glowering from chin-deep water, he obliged. Despite such incidents, he nonetheless continued his daily swims in the Potomac. FTP, name the man elected by the votes of "The Last Patroon," General Stephen Van Rensselaer, and

House Speaker Henry Clay.

Answer: John Quincy Adams (accept: J. Q. Adams)

20. A minor character in the Odyssey, this man (actually a front for the goddess Athena) was one of the crafty warrior's most steadfast companions. The tutor of Telemachus, he provided the stability and caring that the young child needed to mature into the warrior who helped Odysseus expel Penelope's suitors. FTP, identify this man, whose name has become synonymous with a trusted teacher or counselor.

Answer: Mentor

21. Such corporations as Qwest Communications, Cisco Systems, and Nortel have collaborated with many universities to form "Abilene," a new network protocol. This is one step in a larger project, privately financed (as opposed to the federally funded Next-Generation-Internet) that also includes the "Backbone Network Service." FTP, name this project sponsored by University Corporation for Advanced Internet Development (UCAID), a high-speed successor to the Internet specifically designed for higher education.

Answer: Internet2

22. It lasted for forty-five days, and took place at a depth of 62 feet. The U.S. Navy provided all the funding, and participants included former astronauts like Scott Carpenter, who was a field leader for one of the two teams of three people each. FTP, name this 1965 experiment in underwater living.

Answer: Sealab II

23. In 1845, German physician Robert Remak's experiments led him to revise Karl Ernest Baer's theories in this field. He reduced the number of layers present to only three: the ectoderm, mesoderm, and endoderm. FTP, name this field of study, which follows the development of fertilized eggs.

Answer: embryology

24. First excavated by Austen Layard in 1845, this city fell to the Medes in 612 B.C. FTP, name the capital city of the Assyrian Empire.

Answer: Nineveh

25. This Berber general led a mixed force of Arabian peoples across the Mediterranean, and, upon landing his fleet, decisively defeated Roderick, the last Visigoth king. He then secured Cordoba and Toledo for his master, Musa, under whose leadership the Arabs were defeated by Charles Martel at the Battle of Tours. FTP, name this general for whom the Rock of Gibraltar is named.

Answer: Tariq ibn-Ziyad

26. Motley Crüe, Six Flags, Crystal Dynamics, The Sega Channel, Hootie and the Blowfish, "Sunset" magazine, 3DO, Court TV, Studio Stores, Travis Tritt, Moesha, Daffy Duck, The Atlantic Group, Black Entertainment Television, Hanna-Barbera Cartoons, "Money" magazine, and the Atlanta Braves. FTP, the rights to all these entities are owned by what media conglomerate, the largest in the world?

Answer: Time-Warner Inc. (prompt on: Ted Turner)

## Bonuses by Vanderbilt

1. The early years of Charles V's rule in Germany were quite tumultuous.

Identify the conflicts from a brief description, 5-10-15.

5 - This 1525 battle saw Charles completely defeat and capture the French King, Francis I, and led to the signing of the Peace of Madrid.

Answer: battle of Pavia ✗

10 - The instigators of this uprising demanded social and economic equality in their "Twelve Articles."

Answer: the Peasant's War ✗

15 - Led by Franz von Sickingen and Ulrich von Hutten, major battles in this Reformation conflict were at Trier and Landstuhl.

Answer: Knight's War ✗

2. Identify the substance, 30-20-10-5.

30 - First isolated in 1770, its absolute structure was notoriously difficult to determine because there are 256 different stereoisomers of its basic structure.

(20) - The Nobel Committee awarded Adolf Windaus and Heinrich Wieland the 1928 Nobel Prize for their outline of its structure.

10 - Their work turned out to be incorrect, as demonstrated by the x-ray diffraction studies of J. D. Bernal. Wieland used the British physicist's results to correct his rendering of the structure. This compound can be activated to form vitamin D.

5 - This common chemical compound is found in abundance in human gallstones, but has a more harmful effect when it overruns arteries.

Answer: cholesterol

3. Give the terms from economics, ten points each.

A. Name the napkin-based hypothesis against over-taxation.

Answer: Laffer curve ✓

B. Name the computer-modeling technique used to predict economic trends.

Answer: econometrics ✗

C. Name the Soviet theory that predicted cyclical recessions.

Answer: Kondratieff long-wave cycle ✓

4. Identify the related English literary figures, 5-10-15.

A. This poet wrote The Vanity of Human Wishes and edited The Idler.

Answer: Samuel Johnson ✗

B. Johnson's poem The Vanity of Human Wishes was based upon the works of the Roman satirist known for his terse, tightly drawn vignettes.

Answer: Juvenal (accept: Decimus Junius Juvenalis) ✗

C. A friend of Samuel Johnson, this playwright died in a debtor's prison, but before this ignoble end wrote the successful poem The Wanderer and the popular play Sir Thomas Overbury.  
Answer: Richard Savage ✗

5. Answer the following questions about Irish religious history, 5-10-15.

5 - A pupil of Germanus of Auxerre, he founded churches in Meath, Connaught, and Ulster as well as the bishopric of Armagh. He wrote Confessions and the weird chant Lorica, and first "visited" Ireland as a slave.

Answer: St. Patrick ✗

10 - This 1152 synod reaffirmed Patrick's faltering diocesan system and definitively recognized the primacy of the archbishop of Armagh. The synod's location is the same as the most famous Irish illuminated manuscript.

Answer: Synod of Kells ✓

15 - Patrick served under this bishop, who in 431 opened Ireland to Christianity by building its first church.

Answer: St. Palladius ✗

6. Lord Byron was quite an author - and one who had many pieces set to music. Name the composer from the work FTP each.

A. Manfred Symphony Answer: Peter Tchaikovsky ✗

B. Overture to Manfred Answer: Robert Schumann ✗

C. Harold in Italy Answer: Hector Berlioz ✓

7. Identify the art movement from members, 10-5.

10 - Luigi Russolo, Gino Severini

5 - Umberto Boccioni, Giacomo Balla

Answer: Futurism

10 - Thomas Woolner, James Collinson

5 - John Everett Millais, Dante Gabriel Rossetti

Answer: Pre-Raphaelites

10 - Amedeo Modigliani's sculptures

5 - Constantin Brancusi

Answer: Biomorphism (accept: Cycladic sculpture)

8. Name the laws of electricity from a description FTP each.

A. For current to move against an opposing force in the direction of the current, the change in potential is  $-iR$ .

Answer: resistance rule (accept law, etc) ✗

~~X~~ B. For a move through a device that lacks any internal resistance in the direction of the current "arrow," the change in potential is  $+E$ .

Answer: EMF rule (accept law, etc) ✕

C. The algebraic sum of the changes in potential encountered in a complete traversal of any ring of a circuit must be zero.

Answer: Kirchhoff's loop rule (accept: Kirchhoff's voltage law)

9. Answer the following questions about post-World-War II European relations FTP each.

A. On January 29th, this nation vetoed Britain's application for membership in the Common Market. Walter Hallstein, executive head of the organization, roundly criticized the country for its actions, but to no avail.

Answer: France ✓

B. On the fourth of July, 1967, this Romanian Premier proposed the dissolution of both NATO and of the eastern bloc - a proposal that did not receive much support from the assembled heads of Warsaw Pact nations.

Answer: Premier Nicolae Ceausescu ✓

C. Signed on May 15th, 1967 by 53 nations, this treaty provided for the reduction of duties on agricultural and industrial products.

Answer: General Agreement on Tariffs and Trade (accept: GATT)

10. Answer the following questions about lakes in the Canadian province of Manitoba, 5-10-15.

5 - The largest lake in the province, it shares its name with the capital city.

Answer: Lake Winnipeg ✓

10 - This small western lake has a name identical to the term used to refer to the heir to the French throne.

Answer: Dauphin Lake ✓

15 - This lake, in between Lake Winnipeg and Dauphin Lake, is very irregularly shaped and is the second-largest lake in the province.

Answer: Lake Winnipegosis ✕

11. It's time for one of Matt's weird mythology bonuses! Identify the heroes from their funky exploits, 30-20-10.

30 - While at sea with Jason, a great storm in the sea of Colchis prompted Orpheus to call upon the gods. In response, the gods sent down blue flames over these heroes to signify the end of the storm, thus originating St. Elmo's Fire.

20 - The Roman dictator Aulus Posthumius made a vow to erect a temple to them if he took Tusculum, and shortly thereafter they were seen heading the Roman cavalry in the great victory at Lake Regillus.

10 - A rivalry with the Aphareids led to the death of one when Idas proved a better swordsman.

Answer: Castor and Pollux (accept: the Dioscuri or Gemini)

12. Identify the philosopher, 30-20-10.

30 - As a mathematician, he attempted to apply Kant's philosophy to math and remove the continuous from geometry in his most widely read book, *Grundlagen der Geometrie*.

20 - Gödel's 2nd incompleteness theorem destroyed the vitally important 3rd element of his major philosophical construct, first built in 1930 paper "Nature and Logic." The 3rd element, which called for a finite proof of the reliability of ideal systems in classical mathematics, was the backbone of his fight for finitude.

10 - Without the 3rd element, much of this German's "Program" to establish a branch of ideal math fell apart.

Answer: David Hilbert

13. Given the automobile-related invention, name the inventor for five points per part, with a five point bonus for all correct.

A. Gas-powered automobile and electric ignition engine

Answer: Karl Friedrich Benz

B. Oil-fueled engine

Answer: Rudolf Diesel

C. The first workable internal-combustion engine

Answer: Jean J. E. Lenoir

D. Rubber tire

Answer: Robert William Thomson

E. Electric self-starting system; leaded gasoline

Answer: Charles Kettering

14. Answer the following questions about the DNA replication process known as PCR for ten points apiece.

A. All or nothing, expand the acronym PCR.

Answer: Polymerase Chain Reaction

B. Name the American biochemist and 1993 Nobel Prize winner who invented the process.

Answer: Dr. Kary B. Mullis

C. Mullis worked at this California biotech company, whose name sounds like an aquatic mammal.

Answer: Cetus

15. Identify the Germanic literary conventions FTP each.

A. Used by E.T.A. Hoffmann, Novalis, and Goethe, it means "little tale" and is intensely abstract,

typically following a hero through a threefold quest and triumph.

Answer: Märchen

B. Meaning "novel of education," this type of novel focuses upon growth and was created in its present form in Goethe's Wilhelm Meister's Apprenticeship.

Answer: bildungsroman

C. Originating from a parodic character in a short story by Ludwig Eichrodt, this term refers to the conservative, didactic movement in Germanic literature that arose in opposition to the optimism of the Romantics.

Answer: Biedermeier

16. 30, 20, 10 name the artist.

30 - He broke his nose in a barroom brawl with a more skilled pugilist within a few years of completing the engraving "Battle of the Centaurs."

20 - A student of Domenico Ghirlandaio, he spent several years hiding from unhappy patrons in a Milan basement, but emerged to assuage his sponsors with his Doni Tondo.

10 - This artist drew a hostile papal advisor as the donkey-eared Minos - and compounded the insult by penning a serpent biting his penis - in his famous The Last Judgement.

Answer: Michelangelo Buonarroti

17. Furnish the location of the given opera houses, 10 points each.

A. Festspielhaus                      Answer: Bayreuth

B. Staatsoper                         Answer: Vienna

C. La Scala                            Answer: Milan

18. Everyone can figure out the creator of the French socialist movement, Fourierism. Even if you don't know anything else, you've still got to answer these tougher questions about the movement, 5-10-15.

5 - This was the base unit of Fourierist society, consisting of about 1600 people.

Answer: phalanx

10 - The most famous implementation of Fourierism occurred not in France but New England, where it lasted from 1841-47 under the leadership of Albert Brisbane.

Answer: Brook Farm

15 - This is the term Fourier used to describe the common buildings possessed by each phalanx.

Answer: phalanstery (phalansteries)

19. It's time for a six-course meal of literary proportions! Given a tasty title, name the author for five points each.

A Moveable Feast                      Answer: Ernest Hemingway

The Square Egg                         Answer: Saki (accept: H.H. Munro)

The Adventures of Peregrine Pickle    Answer: Tobias Smollett

The Pears of the Elm  
One Man's Meat  
A Dill Pickle

Answer: Octavio \_Paz\_  
Answer: E. B. \_White\_  
Answer: Katherine \_Mansfield\_

20. Identify the mathematical terms on a fifteen-five basis.

15) This mathematical term is named after al-Khwarizmi, the court librarian of Caliph al-Mamun, a prominent mathematician who coined the term "algebra."

5) This process is characterized by the repeated usage of the same set of operations until a result is achieved.

Answer: \_algorithm\_

15) They were discovered independently by Swiss mathematician Justus Byrgius and the Scottish John Napier.

5) This mathematical term refers to the exponent to which a base must be raised to yield a specific number.

Answer: \_logarithm\_

21. There's nothing like the queasy coexistence of pop culture and serious literature. Identify the following, 15 pts each.

A. He is the main character of Dalton Trumbo's 1939 classic "Johnny Got His Gun," a narrative of a horribly wounded WWI veteran.

Answer: \_Joe Bonham\_

B. He is the Led Zeppelin drummer who died of a massive alcohol overdose on September 25th, 1980.

Answer: \_John Bonham\_

22. Given a brief description of his rule, name the sovereign of the Kajar dynasty in Iran FTP each.

A. During his reign, American W. Morgan Shuster ran the finances of the country. However, he was forced under the control of the Russians until the end of World War I.

Answer: Sultan \_Ahmad\_ Shah

B. The most competent of the Kajar dynasty, he ruled from 1848-1896 with his prime minister Taki Khan. His reign saw the rise of the Islamic offshoots of Babism and Bahaism.

Answer: \_Nasir\_ Ud-din

C. He ascended to the throne in 1794. A brutal tribal ruler, he was the first of the Kajar.

Answer: \_Aga\_ Mohammed