

The Fabulous Unnamed Chicago Tournament II: The Rage, 2003  
Tossups by Berkeley

1. It is defined using measurements on a short period Wood-Anderson instrument, and is most accurate in Southern California, where it was developed by a Caltech professor. A distance correction is applied after the distance is determined using the time interval between the S and P arrivals. Defined logarithmically using the peak amplitude of ground motion, FTP name this common earthquake magnitude scale.

Answer: Richter scale or Richter magnitude scale

2. The Landless Workers movement, which seeks to redistribute large, unproductive estates in the countryside, has grown impatient with the pace of land reform under his administration. In March, he faced a metalworkers' strike, ironic given that he used to lead a metalworkers' union. In spite of pre-election fears, this left-winger has not caused his country's economy to tank. FTP, name this current president of Brazil.

Answer: Luiz Inacio Lula da Silva

3. The heroine of this novel is accused by her friend Henrietta of sounding "like the heroine of an immoral novel", and she tells her aunt that she wants to "know the things one shouldn't do", not, as her aunt expects, "So as to do them", but "So as to choose." During the course of this novel, its protagonist is left rich at the death of her cousin, Ralph Touchett, and is proposed to by Lord Warburton, Caspar Goodwood, and Gilbert Osmond, the last of whom she accepts. FTP, name this Henry James work about the titular woman, Isabel Archer.

Answer: The Portrait of a Lady

4. He claimed to have molested Drew Barrymore in 1984. Currently a gossip columnist and rock critic for the newspaper *L'Osservatore Romano*, he is known for holding controversial views about religion, claiming that the Last Supper was a brunch and that the Twelfth Commandment was "Whistle while you work." FTP, name this Catholic priest and character played by Don Novello, a frequent guest on SNL during the Golden Years.

Answer: Father Guido Sarducci

5. James I knighted this member of the Privy Council in 1617, naming him a secretary of state two years later and sending him to Spain to negotiate a possible marriage between the Prince of Wales and a daughter of the king. He resigned in 1625 after converting to Catholicism, but had trouble turning his Newfoundland plantation of Avalon into a viable colony. He then purchased new lands further south and named them for the wife of Charles I. FTP, name this founder of Maryland.

Answer: George Calvert or Lord Baltimore

6. Groups engaging in the title act of defiance include wild men who learn, too late, that they grieved the sun on its way, having caught and sang it in flight. This poem also speaks of wise men whose words have forked no lightning, and who at their end know dark is right. In the first stanza, the poet exclaims, "Old age should burn and rave at close of day." FTP, name this Dylan Thomas villanelle which ends, "Rage, rage against the dying of the light."

Answer: Do Not Go Gentle into That Good Night

7. Under the terms of this treaty, the loser of the war was to pay an indemnity of 200,000,000 Kuping taels in eight installments. The southern portion of the Fengtian peninsula, the Pescadores islands, and the island of Formosa were all ceded to Japan, and Japanese subjects were given the right to trade in the cities of Shashi, Chongqing (chong-CHING), Suzhou, and Hazhou. FTP, name this 1895 treaty ending the Sino-Japanese War.

Answer: Treaty of Shimonoseki

8. It inspired an Andre Gide novel in which a blind girl learns of beauty by listening to this composition. The composer made the unusual decision to include five movements in this work in F major. The second movement depicts birds in a "Scene by the Brook," while the first movement is entitled "Awakening of Cheerful Feelings on Arriving in the Country." A village dance is interrupted by a sudden change in the weather, depicted in the fourth movement, "Thunderstorm." FTP, name this idyllic Beethoven symphony.

Answer: Pastoral Symphony or Symphony no. 6

9. Consisting of an alpha chain of 21 amino acids linked by two disulfide bridges to a beta chain of 30 amino acids, it stimulates lipogenesis in adipose cells. First commercially extracted from cows and pigs, an excess of this compound can cause hypoglycemia. Its use was first tested by the team of Charles Best, J.R.R. MacLeod, and Frederick Banting. Secreted by the beta cells of the islets of Langerhans, FTP name this first identified human hormone that is often administered to sufferers of diabetes.

Answer: insulin

10. When the central bank is unable to have any macroeconomic effect by issuing more money, since any money is immediately saved by consumers, the "trap" of this name occurs, as posited by John Maynard Keynes. The three money supplies M1, M2, and M3 are defined in decreasing order of this quantity. FTP, what is this economic measure of the ease with which an asset can be converted to cash?

Answer: liquidity

11. Although he was able to establish Stanislaus Lészczynski [Lez-kzin-ski] on the Polish throne, his invasion of Poland ended up giving one of his enemies five years to consolidate his power. He pursued the deposed Polish king, Augustus II, into Saxony. Then the Duke of Marlborough suggested that conquering Russia would be more impressive, leading to his victory at Narva. FTP, name this Polish king defeated at the Great Northern War's biggest battle, Poltava.

Answer: Charles XII

12. Its name comes from the Portuguese for "prawns." Partition under the League of Nations followed the defeat of German colonists in 1916. One of the British mandates of this name became part of the current country; on independence the northern one voted to join neighboring Nigeria. FTP, name this country whose namesake mountain is the tallest in western Africa and whose capital is Yaounde.

Answer: Cameroon

13. The protagonist of this novel is clued into the real culprit by learning of some target practice taken in a canyon behind the killer's house. Owen Taylor's murder is unexplained, but we know

that the murder Owen committed is blamed on Joseph Brody. Brody was shot by Lundgren, as revenge for the killing of Lundgren's lover, the pornographer Geiger. Geiger had been blackmailing Vivian, who it turns out actually killed Rusty Regan, the husband of Carmen. FTP, name this novel in which Sternwood family intrigues ensnare Philip Marlowe, a work by Raymond Chandler turned into a movie starring Bogart and Bacall.

Answer: The **Big Sleep**

14. Occurring in parts where there are impurities or in regions subjected to stress, this process is analogous to a short-circuited galvanic cell. It can be inhibited using a sacrificial anode, which must be replaced periodically, or by passivation. Chromium is a good passivating agent, so it is used in stainless steel. The most serious harm is caused by pitting in the interior. FTP, name this process affecting metals, whose visible effects include rusting.

Answer: **corrosion** (accept **rusting** or **pitting** before pitting is mentioned)

15. Her wedding night lasted three hundred years, and she renewed her virginity by bathing regularly in the spring of Canathus. She was shamed into marrying after her brother assumed the form of a cuckoo and ravished her. Jealous of her husband's affairs, she turned Callisto into a bear, and set Argos to watch over Io. FTP, name this daughter of Cronus and Rhea, the sister and wife of Zeus.

Answer: **Hera** (accept **Juno** until Cronus is mentioned)

16. A physician reads aloud from the paper that Balzac was married in Berditchev, supporting the preceding Gogol quote that "it's a bore to be alive in this world, friends." In Act 3 the town burns down while Chebutykin gets drunk and Andrey plays violin. The youngest of the title characters gets engaged to Baron Tuzenbach, but he is killed in a pointless duel. Focusing on the Prozorov family, FTP name this Chekov play about the really boring lives of Olga, Masha, and Irina.

Answer: **Three Sisters** or **Tri Sestry**

17. The Jeans length is proportional to its square root, and in fluids, the dynamic pressure is the density of this quantity. In quantum mechanics, the associated operator is equal to the square of the momentum operator over twice the mass. In relativity, it is defined as the relativistic mass-energy minus the rest mass-energy. Viscosity and friction transform it into thermal energy, and its average value is measured by the temperature. Not conserved in inelastic collisions, FTP name this energy of motion.

Answer: **kinetic energy**

18. At its opening in 1971, 36 women of the "Hot Pants Patrol" roamed the stands, and then-owner Bob Carpenter's toilet wouldn't stop flushing. The mayor at the time, James Tate, was booed for his support of the controversial name of the stadium, starting a long tradition of fans booing such figures as Santa Claus and Michael Irvin, who was badly injured on its rock-hard artificial turf. For ten points, what is this stadium, the longtime home to the Phillies and the Eagles?

Answer: **Veterans Stadium**

19. The Transportation Department has accused it of discriminating against people of seeming Middle Eastern or Southeast Asian origin. After revelations that pension packages for top executives would be protected in the event of bankruptcy, CEO Donald Carty was forced out. The flight attendant union nearly scuppered an agreement to avoid bankruptcy at, FTP, what largest airline in the world?

Answer: American Airlines

20. The original plan, formulated in part by Lord George Germain, called for three forces to advance and converge, but Howe's forces never showed up and St. Leger's forces were stopped at Fort Stanwix. The main battle actually consisted of two separate engagements, Freeman's Farm on September 19, and Bemis Heights on October 7, after which the surrounded British forces surrendered on October 17. FTP, name this battle where General John Burgoyne was defeated by American Horatio Gates in 1777.

Answer: battle of Saratoga or Saratoga campaign

21. Psyche Cattell modified it so that it could be used with subjects as young as 3 months, while David Wechsler extended its applicability to adults. An early version was expanded and revised by Terman, who incorporated a new scoring scheme. The precursor was commissioned by the French ministry of instruction, and developed by Théodore Simon and Alfred Binet. FTP, name this test whose namesake score is given by 100 times mental age over chronological age.

Answer: IQ test or Intelligence Quotient test (accept "Stanford-Binet" before Binet is mentioned; prompt afterwards)

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1. Name these Aaron Copland ballets from clues FTPE.

A. This ballet, the story of a young cowgirl, was choreographed by Agnes DeMille and ends with the rip-roaring "Hoe-Down."

Answer: Rodeo

B. This ballet set in rural Pennsylvania and choreographed by Martha Graham includes the Shaker hymn "Simple Gifts."

Answer: Appalachian Spring

C. Ending with the song "On the Prairie Again" and containing a choreographed gunfight, this first Copland folk ballet tells the story of the titular Old West desperado.

Answer: Billy the Kid

2. Answer the following about a Roman dynasty, FTPE:

A. This dynasty, founded by Vespasian in AD 69, succeeded the Julio-Claudians after the Year of the Four Emperors, and ended in 96 after the death of Domitian.

Answer: Flavian dynasty

B. This son of Vespasian, the namesake of an arch of triumph on the Roman forum, was emperor when Vesuvius erupted and dedicated the Colosseum.

Answer: Titus Flavius Vespasianus

C. Name any one of the three men, other than Vespasian, who ruled Rome in the Year of the Four Emperors.

Answer: Otho, Vitellius, Galba

3. Plant bio, FTPE.

A. In a plant, a stoma is flanked by a pair of these cells, which control the diameter of the stoma.

Answer: guard cells

B. One family of succulent plants can reduce water loss by keeping their stomata closed during the day and utilizing this alternative photosynthetic pathway.

Answer: CAM or crassulacean acid metabolism

C. The compounds that give plants their taste or color are located in this part of the plant cell that also stores water.

Answer: vacuole

4. Name these works of medieval philosophy FTSNOP.

5: This work by St. Augustine presents a Christian view of history and argues that a secular government can't secure the happiness of citizens. The title abode consists of those people who will enjoy eternal happiness in heaven.

Answer: City of God or De civitate Dei

10: The basis for Lombard's *Sentences*, this Abelard work is a collection of contradictory selections from Scripture and the Fathers of the Church.

Answer: Sic et Non

5: 5 proofs for God's existence, including the uncaused cause argument can be found in this Thomas Aquinas work, a systematic exposition of religious thought.

Answer: Summa Theologica

10: This work by St. Anselm contains his ontological proof of God's existence.

Answer: Proslogion

5. Name these Shakespeare comedies, FTPE.

A. Ferdinand, King of Navarre, and his friends take an oath to study and avoid women, but their encounter with the princess of France and her ladies ends the bet.

Answer: Love's Labour's Lost

B. Petruchio employs tactics like trying to "kill a wife with kindness" to woo and then subdue the feisty Katherina.

Answer: The Taming of the Shrew

C. A physician's daughter named Helena cures the King of France, then performs a series of seemingly impossible tasks to secure her marriage to Bertram as reward.

Answer: All's Well That Ends Well

6. Less important islands, FTPE.

A. The smaller partner of Trinidad.

Answer: Tobago

B. The smallest of Japan's four major islands, it forms the southern shore of the Inland Sea.

Answer: Shikoku

C. The native Gaelic language of this British Crown possession in the Irish Sea is now extinct.

Answer: Isle of Man or Ellan Vannin

7. Answer the following about the Wars of the Roses, FTPE:

A. All or nothing, what two factions—one represented by a red flower, and the other by a white—contended for power in the Wars of the Roses?

Answer: Lancaster (or Lancastrians) and Yorkists

B. At the outset, the Lancastrians were led by what king, who ruled from 1422 to 1461 and again from 1470 to 1471? His madness hurt his house's cause, and he was murdered in the Tower of London soon after Tewkesbury.

Answer: Henry VI

C. In 1485, the Wars of the Roses were concluded at the battle of Bosworth Field, where Henry VII defeated and killed this Yorkist. He probably wasn't really a hunchback.

Answer: Richard III

8. Name these authors from works for 15, or from a better-known work for 10.

15: *The Encantadas, Mardi*

10: *Billy Budd*

Answer: Herman Melville

15: *Hills Like White Elephants, A Clean Well Lighted Place*

10: *A Farewell to Arms*

Answer: Ernest Hemingway

9. Name the following about colloidal suspensions, FTPE.

A. This type of colloid is a suspension of fine solid or liquid particles in a gas.

Answer: aerosol

B. In this effect, beams of light become visible as they pass through and are scattered by colloids.

Answer: Tyndall effect

C. In this effect, light is scattered due to the presence of particles that are smaller than the wavelength of the incident light.

Answer: Rayleigh scattering

10. Answer the following about Paleolithic art, FTP each:

A. This cave in the Dordogne river valley of southwest France contains paintings from the Aurignacio-Perigordian period, primarily of animals.

Answer: Lascaux

B. Ceiling paintings in this group of caverns in northern Spain are considered the Magdalenian period's crowning masterpiece.

Answer: Altamira

C. The Lascaux and Altamira paintings are attributed to this early *Homo sapiens*, which may have driven the Neanderthals to extinction.

Answer: Cro-Magnon man

11. For ten points each, identify these Onion columnists from a short description:

A. This self-styled “Mack Daddy Enforca of the Accountz Reeceivable Department” at Midstate Office Supply learned everything he knows from CPA-ONE.

Answer: Herbert Kornfeld

B. This Hollywood outsider always has the “outside scoop” on personalities like Rupert Murdoch and David Swimmer.

Answer: Jackie Harvey

C. This woman, Rick's wife, used to work at the Fashion Bug under manager Roz, but she was laid off in June of 2002.

Answer: Jean Teasdale

12. How much do you know about the election of 1856? FTPE:

A. What former president received 8 electoral votes as the candidate of the Know Nothings and Whigs, carrying only the state of Maryland?

Answer: Millard Fillmore

B. What explorer became the Republicans' first presidential nominee, winning 114 electoral votes but losing the election to James Buchanan?

Answer: John Charles Fremont

C. What Kentucky Democrat, later expelled from the Senate as a traitor after accepting a commission in the Confederate army, was elected vice president in 1856?

Answer: John Cabell Breckinridge

13. Name these 17th century Flemish or Dutch paintings from clues FTPE.

A. This 1635 work by Van Dyck shows the title figure standing near a horse and two grooms and was completed during the artist's stay in England.

Answer: Portrait of Charles I Hunting

B. This Rubens painting shows several huge men struggling to hoist the crucifix with Jesus already stretched on it.

Answer: The Raising of the Cross or The Elevation of the Cross

C. Vermeer rearranged the buildings to create an ideal composition in this painting, which looks across a river at the title city.

Answer: View of Delft

14. Questions about group theory, FTPE.

A. This theorem says that the order of a subgroup divides the order of a group.

Answer: Lagrange's Theorem

B. This theorem says that every group is isomorphic to a permutation group. It is named for a mathematician who also worked with the octonions.

Answer: Cayley's Theorems

C. A subgroup is said to be this if it is equal to all of its conjugates by group elements.

Answer: normal subgroup (or invariant subgroup)

15. Name these men implicated in the Pisonian conspiracy, FTPE.

A. Nero's tutor, he wrote a *Medea*, *Agamemnon*, and *Oedipus*, several philosophical works, and the *Apocolocyntosis*, or "Pumpkinification," about Claudius.

Answer: Lucius Annaeus Seneca

B. Tacitus chronicled the death of this man, Nero's advisor in matters of elegance and finery. A man sharing his name or possibly he himself wrote the *Satyricon*.

Answer: Gaius Petronius Arbiter

C. This nephew of Seneca, like Caesar, wrote a *Civil War*, which today is better known as the *Pharsalia*.

Answer: Marcus Annaeus Lucanus

16. Answer the following about one of Otto von Bismarck's less popular policies, FTPE:

A. What was the name given to a series of anti-Catholic policies announced by Bismarck in the 1870s as part of a "cultural struggle" against the church?

Answer: Kulturkampf

B. In 1873, the Prussian Diet passed these laws, which made civil marriage compulsory, ordered that all candidates for the priesthood be German, suppressed the Catholic Bureau in the Department of Education, and forbade ecclesiastical punishments.

Answer: May Laws

C. The rise of the Catholic Center Party, the alienation of the liberals, and the death of Pius IX all led Bismarck to negotiate with this pope, who eventually achieved the repeal of nearly all the anti-Catholic laws.

Answer: Leo XIII

17. Identify the following literary terms, FTPE.

A. This contrary trope to hyperbole is the understatement of magnitude or importance, usually to ironic effect.

Answer: meiosis (note "litotes" is incorrect; it is more specific, referring specifically to claiming something is not its opposite)

B. This is the repetition of identical or similar vowel sounds—especially in stressed syllables—in a sequence of nearby words.

Answer: assonance

C. In this figure related to metaphor, a part of something is used to signify the whole.

Answer: synecdoche

18. Name the following useful measuring instruments, FTPE.

A. The modern version of these devices uses D'Arsonval's design, with a fixed magnet and a pointer attached to a pivoting coil. They can measure tiny electric currents.

Answer: galvanometer

B. To construct one of these, add a large resistance in series to a galvanometer. When placed in parallel with a circuit element, it can measure the potential drop across the element.

Answer: voltmeter

C. To construct one of these, a small shunt resistance is placed in parallel with a galvanometer. When placed in series with a circuit element, it can measure the current passing through the element.

Answer: ammeter

19. Answer the following about a European school of architecture, FTPE.

A. This art and design school was formed in 1919 in Weimar. Paul Klee and Mies van der Rohe were among the teachers.

Answer: Bauhaus

B. The Bauhaus was founded by this man, who designed the Bauhaus building in Dessau after it moved from Weimar.

Answer: Walter Gropius

C. Marcel Breuer's utilitarian Vasily chair was named in honor of this Bauhaus instructor, a founder of Der Blaue Reiter.

Answer: Wassily or Vasily Kandinsky

20. Name these sociological terms, FTP each:

A. As defined by William Graham Sumner, these are social rules prescribing behavior of individuals in a society. Their violation results in strong disapproval or punishment.

Answer: mores [moe-RAYS]

B. One of the most common punishments for mores is this temporary banishment, most often identified with its use as the result of a vote each year in ancient Greece.

Answer: ostracism

C. Unlike mores, these social conventions are not believed to have moral significance. Sumner introduced them in a namesake text that also introduced mores.

Answer: folkways