

The Fabulous Unnamed Chicago Tournament II: The Rage, 2003
Tossups by the Editors (Packet Three)

1. She describes the gaps in her teeth, which were supposed to indicate lustfulness, as "Venus's seal". Her last husband, Jankin, had been a pallbearer for her previous husband. Because of his beatings, she is deaf in one ear. However, she is still able to tell the story of a knight who, after raping a girl, must discover what women desire. FTP, identify this character from the Canterbury tales.

Answer: Wife of Bath

2. Some of them are historically referred to as "half" ones. In 1845, the short lived Sonderbund was formed by the Catholic ones; after the resulting war was over, Appenzell Inner-Rhoden and Neuchâtel were fined for remaining neutral. Ticino is south of the Alps, Graubünden contains villages that speak Romansch, and Valais contains an approach to the Matterhorn. FTP, identify these political subunits of Switzerland.

Answer: Swiss cantons

3. His first wife, Sarah, was the daughter of Zachary Taylor, and his second, Varina, had a successful career as a New York journalist after he died. The leader of a regiment at Buena Vista, he won prominence as a newly rich "cotton nabob" when he entered politics, serving as Secretary of War under Franklin Pierce and as a senator from Mississippi. FTP, name this president of the Confederacy.

Answer: Jefferson Davis

4. The lobby features red African marble, and the ornamentation was made of a then new type of stainless steel. Its spire was first secretly constructed inside the building, then raised to the roof and put in place within 90 minutes; it thus became, for a few months, the world's tallest building. Eagle gargoyles and gigantic radiator caps are on the exterior of, FTP, what New York skyscraper, often cited as an exemplar of Art Deco style?

Answer: Chrysler Building

5. In this reaction, metal ammonia solutions are used as electron donators, while alcohols provide protons. Electron-withdrawing substituents end up between the double bonds, while electron-donating groups become situated at a double bond. Surprisingly, the two double bonds that remain in the final product are not conjugated. FTP, identify this reaction which reduces a benzene ring to a 1,4-cyclohexadiene.

Answer: Birch reduction

6. One character remembers the death of her sister Elena (yel-YEH-na's), who drowned in a bathtub while high. At the Hot Wax disco, the DJ Pinkwalla uses the Hot Seat, a souped-up microwave, to melt wax effigies of celebrities. One part of the novel is set in the city of Jahilia, where the poet Baal marries twelve whores who name themselves after the wives of Muhammad. The stories of Saladin Chamcha, Gibreel Farishta, and Muhammad are intertwined in, FTP, this work, which garnered Rushdie a fatwa in 1989.

Answer: The Satanic Verses

7. His short films include "Six Men Getting Sick," "The Alphabet," and "The Grandmother." A collaboration with Disney produced "The Straight Story," about a man driving cross-country on a lawn mower. Several of his films star Kyle MacLachlan. "Fire Walk with Me" was a prequel to his TV series of the bizarre, and he received an Oscar nomination for "Blue Velvet." FTP, name this director of "Mulholland Drive" and "Twin Peaks."

Answer: David Lynch

8. It had been made possible by the signing of the Harris treaty 31 years earlier. Its leaders adopted the slogan "wealthy country and strong arms" and set out their goals in the famous Charter Oath. A universal conscription law was enacted and feudalism was abolished. Most notably, a national assembly, the Diet, was called. FTP, name this part of the Tokugawa Shogunate, a period of Westernization in late 19th-century Japan.

Answer: Meiji Restoration

9. An epidemic of this disease in 1963-1965 resulted in about 30,000 cases of birth defects, mostly eye-, heart-, and ear-related. The virus that causes it is classified as a togavirus. Symptoms seen specifically in adult women include arthralgia and arthritis. The vaccine against this virus is usually given in combination with those for measles and mumps. FTP, identify this disease, also known as German measles.

Answer: rubella (accept early German measles)

10. Its epigraph is a quotation from Pindar: "O my soul, do not aspire to immortal life, but exhaust the limits of the possible." Among its sections are "Don Juanism," "Ephemereal Creation," "Kirilov," "Conquest, Philosophy and Fiction," "An Absurd Reasoning," and "Philosophical Suicide." FTP, identify this philosophical treatise named for the son of Aeolus and king of Corinth in Greek myth and written by Albert Camus.

Answer: The Myth of Sisyphus

11. His story was first recorded by Bishop Otto of Friesing in the *Chronicon*. The chronicler Alberic recorded that this man sent a famous letter to Manuel I Comnenus and Frederick Barbarossa. In 1177 Pope Alexander III sent a reply addressed to this "illustrious and magnificent king of the Indies and beloved son of Christ." FTP, name this legendary medieval Christian ruler, who was believed to reside in Africa or the Middle East.

Answer: Prester John or Presbyter John or John the Elder

12. This philosophy promoted a diet that did not feed the so-called "three worms" - disease, old age, and death. In addition it advocated sexual discipline that avoided ejaculation to preserve the semen to nourish the body and brain. It venerated the number five as in its Five Flavors, Five Colors, and Five Elements. Breath control was also vital to this school of thought that took its name from the native word for "the way." FTP, name this philosophy founded by Lao-tzu.

Answer: Taoism [DOW ism]

13. The father sees only ancient willows where his son sees the daughters of the title character. The father hears only the rustling of leaves when his son hears the title character breathing in his ear. The father rides with his child held tight, answering the opening line, "Who rides so late in the night and the wind?" However, he cannot save his son from the title creature with his crown

and his train, who seizes the boy. FTP, what is this Goethe poem that inspired a song by Schumann, a mistranslation of the Danish for "king of the elves"?

Answer: Der Erlkönig or Erlking

14. Higher-dimensional analogs differ in that the two regions determined by embedding a sphere need not be homeomorphic to those determined by the standard embedding, as shown by the Alexander horned sphere. There is a higher-dimensional version due to Brouwer. Schönflies proved a strong form stating that for any simple closed curve in the plane, there is a self-homeomorphism of the plane taking the curve to a circle. FTP, what is this theorem that says that a continuous simple closed curve separates the plane into an inside and an outside?

Answer: Jordan curve theorem

15. He was the longest-serving editor of the prestigious *Journal of Law and Economics*, doing so from 1964 to 1982. He argued for the importance of negotiation rather than litigation in his most famous work, *The Problem of Social Cost*, and is best known for studies of how property rights are distributed among individuals by law, contract, and regulations. FTP, name this winner of 1991 Nobel in Economics and creator of an eponymous theorem.

Answer: Ronald Harry Coase

16. In the left foreground stands a young soldier, holding a pike in his right hand. A stream separates him from the other figures in the painting; a wooden bridge across the stream leads to the clusters of buildings in the background. In the right foreground, below a tree, sits a nude mother with her child. The sky reveals the title phenomenon overtaking the city. FTP, what is this Giorgione painting sharing its title with a Shakespeare work?

Answer: The Tempest

17. In January of 1986 his alma mater, Eastern Michigan, retired his number. He still holds the NBA record for most points scored in a quarter, with the 33 he racked up against New Orleans in 1978. He would also lead the league in scoring that year, and along with Wilt Chamberlain and Michael Jordan, he is one of only three players with four or more NBA scoring titles. Nicknamed the "Iceman," FTP, name this former San Antonio Spur, who definitely could finger roll.

Answer: George Gervin

18. Materials with photonic ones have become a popular research topic for their applications in specialized optical devices. In infrared photodiodes, materials with a small one are used to detect low energy photons. They decrease with increasing temperature. The probability of excitations across it is given by $e^{-\frac{E_g}{kT}}$ to the minus the associated energy divided by kT , in an intrinsic semiconductor. FTP, what is this separation between the highest energy valence states and the lowest energy conduction states?

Answer: band gap

19. The Marquis de Sable and the Count d'Avaux were the real agents of France at the negotiation, though the Duke of Longueville was the puppet leader. The most important delegates were Count Trautmansdorff and John Oxenstierna. Primarily negotiated in the towns of Munster and Osnabruck, it confirmed the Peace of Augsburg allowing for greater toleration in the Holy Roman Empire. FTP, name this 1648 treaty that ended the Thirty Years' War.

Answer: Peace of Westphalia

20. At one point the title character waxes poetic about theft in nature; the moon steals its light from the sun, while the sun's attraction robs the sea. At the time, he is beset by bandits. Apemantus had predicted the problems that drove the title character from Athens. He funds Alcibiades, a general outcast from his home of Athens. The title character's cave is full of gold, and in the end he dies there. FTP, what is this tragedy thought only partially to be written by Shakespeare?

Answer: Timon of Athens

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1. Answer the following about the French Revolution, FTPE.

A. Louis XVI called this advisory body twice, in February 1787 and November 1788, to avoid having to deal with the parlements and to approve his limited royal reforms.

Answer: Assembly of Notables

B. In May 1789, Louis XVI convened this assembly at the urging of the Assembly of Notables. It had last met in 1614.

Answer: the Estates-General

C. The Third Estate then reconstituted itself as this body, which passed a constitution and the Declaration of the Rights of Man and disbanded itself in 1791.

Answer: National Assembly or Constituent Assembly

2. Questions about a poet, FTPE.

A. The speaker's apology in this poem is half-hearted, as the stolen plums were "delicious/ so sweet/ and so cold."

Answer: This is Just to Say

B. This American poet is the author of "This is Just to Say," as well as "The Red Wheelbarrow."

Answer: William Carlos Williams

C. This is Williams's epic work about a New Jersey town on the Passaic River.

Answer: Paterson

3. Identify the following bands who'll be touring in Chicago soon, FTPE.

A. They are the creators of the best song title ever, "Thank You Jack White (For The Fiber-Optic Jesus That You Gave Me)". Their most recent release is 2002's *Yoshimi Battles the Pink Robots*.

Answer: Flaming Lips

B. Chris Martin, the lead singer of this band, has been romantically linked to Gwyneth Paltrow. The band's latest release is *A Rush of Blood to the Head*.

Answer: Coldplay

C. Jeff Tweedy fronts this band whose latest release is *Yankee Hotel Foxtrot*. They are the subject of the documentary *I Am Trying to Break Your Heart*.

Answer: Wilco

4. Name these things about a philosopher, FTP each:

A. This one time tutor to Queen Christina of Sweden espoused a philosophy sometimes called Cartesianism and famously uttered the words Cogito, ergo sum, or "I think, therefore I am."

Answer: Rene Descartes

B. This fourth part of Descartes 1637 *Philosophical Essays* is his famous summary of philosophical speculations.

Answer: Discourse on Method

C. In his youth Descartes was trained in this religious order, which had been founded in 1534 by Saint Ignatius of Loyola.

Answer: Jesuits or Society of Jesus

5. Questions about thermodynamics, FTPE.

A. It is defined to be the reciprocal of the derivative of entropy with respect to energy; Boltzmann's constant converts it to units of energy.

Answer: temperature

B. What is the Lagrange multiplier for particle number, denoted μ ? It roughly means the amount of energy needed to add a particle to a system.

Answer: chemical potential

C. This quantity can also be seen as a Lagrange multiplier, corresponding to volume. It multiplies volume in the ideal gas law.

Answer: pressure

6. Name these New Deal agencies FTPE:

A. This agency, created under the Emergency Relief Appropriation Act of 1935, paid 8.5 million people an average of two dollars a day to build roads, bridges, and schools.

Answer: Works Progress Administration

B. Working under the slogan "We do our part!," this agency declared unconstitutional in 1935 set up business codes and quotas to achieve wage and price deflation and restore confidence in the economy.

Answer: National Recovery Administration

C. Under this program, unmarried men aged 18 to 25 left the relief roads to plant trees, work on parks, and help federal lands fight erosion.

Answer: the Civilian Conservation Corps

7. Name these states, given descriptions of their 2002 governors races. FTPE:

A. Former labor secretary Robert Reich lost a Democratic primary to face Republican Mitt Romney, the son of a former Michigan governor, who was elected this state's new governor.

Answer: Massachusetts

B. Attorney General Mike Fisher, a Republican, lost to former mayor and Democratic National Committee chairman Ed Rendell in this state.

Answer: Pennsylvania

C. Congressman Robert Riley unseated Democratic Governor Don Siegelman in a disputed election in this Southern state.

Answer: Alabama

8. Alexander Pope works, FTPE.

A. Written in heroic couplets, it is addressed to Lord Bolingbroke and aims to "vindicate the ways of God to man." Its philosophy is related to that of Leibnitz.

Answer: Essay on Man

B. English dramatist and poet Colley Cibber is ruthlessly mocked in this epic, in which he rules over the empires of Emptiness and Dullness.

Answer: Dunciad

C. It describes "what dire offence from am'rous causes springs" in the cutting of hair from Belinda, and was written to Mrs. Arabella Fermor.

Answer: The Rape of the Lock

9. Answer the following about god associated with Shiva FTPE.

A. In art, this goddess is often seen dancing over a prone Shiva. She's also usually depicted with a protruding tongue and wearing necklace of skulls.

Answer: Kali

B. This six-headed war god is frequently called the son of Shiva and the Kritikeyas, though other deities involved with his birth include Agni and Parvati.

Answer: Skanda

C. The sage Vyasa dictated the Mahabarata to this elephant-headed son of Shiva's consort, Parvati

Answer: Ganesh

10. Identify the following about nonideal solutions FTPE.

A. Nonideal solutions deviate from this law which states that the vapor pressure of a component in solution is directly proportional to the vapor pressure of the pure substance.

Answer: Raoult's Law

B. A nonideal solution often exhibits this property, where the composition of the solution does not change upon boiling. One example is a solution of ethanol and water.

Answer: azeotrope

C. These types of thermodynamic properties, symbolized by a superscript letter "E", give the difference between the value the property has in a nonideal solution, compared to the value in a pure ideal solution.

Answer: excess thermodynamic property (or quantity)

11. Answer the following relating to a certain figure important in Roman history, FTP each.

A. What chief of the Cherusci would engage in a war Maroboduss later in his life? He narrowly escaped several attacks by Drusus Germanicus, though his wife Thusnelda would be captured.

Answer: Arminius or Hermann

B. Arminius had previously crushed three Roman legions at this battle in northwest Germany in AD 9.

answer: Teutoburger Wald or Teutoburger Forest

C. After hearing of the loss of the legions at Teutoburger Wald, what Roman emperor was said to been heard throughout the city despairing over the loss of the eagle standard.

Answer: Augustus Ceasar or Octavian

12. Protozoans and friends, FTPE.

A. These protozoans, which can cause dysentery, are characterized by the presence of pseudopodia.

Answer: amoeba

B. These slipper-shaped, ciliated protozoans eat by using their cilia to push food from the feeding groove into the gullet.

Answer: paramecia (accept paramecium)

C. These metazoans, the simplest multicellular animals, feature a crown of cilia around their mouths. Their name is Latin for "wheel-bearer".

Answer: rotifers (or Rotifera)

13. Woo, Masses. FTPE:

A. This Mass, one of Palestrina's most famous works, is dedicated to a pope who reigned for three weeks in 1555.

Answer: Missa Papae Marcelli

B. The original manuscript of this technically challenging Mass in D by Beethoven read, "From the heart-may it go to the heart!"

Answer: Missa Solemnis

C. Bach, Mozart, Palestrina, and pretty much everyone else wrote Masses by this name, which means "short mass".

Answer: Missa Brevis

14. Name these rare marital practices, FTP each:

A. Most common in the Abyssinian Church of Ethiopia, it is the practice of marrying the widow of one's brother.

Answer: levirate

B. It is simply the form of marriage in which the person has more than one mate.

Answer: polygamy

C. This is the type of polygamy defined as the marriage with more than one husband.

Answer: polyandry

15. Questions about Thomas Mann works, FTPE.

A. This work draws on Hindu mythology, in which Sita resurrects two decapitated men but via a mix-up combines the features she likes best in each.

Answer: Transposed Heads (Die vertauschten Köpfe)

B. This work tells of the writer Gustave Aschenbach's love for the young boy Tadzio, and his subsequent contraction of cholera.

Answer: Death in Venice (Der Tod in Venedig)

C. His first novel, it chronicles the decline of a properous German family. The young Hanno dies of typhoid fever.

Answer: Buddenbrooks

16. Answer these questions about American memorials, FTPE.

A. He created the sculpture of Abraham Lincoln that sits in the center of the Lincoln Memorial in Washington, D.C., as well as *The Minute Man* in Concord, Massachusetts.

Answer: Daniel Chester French

B. Augustus Saint-Gaudens created a memorial to this leader of the 54th regiment. It is located in Boston Common.

Answer: Col. Robert Gould Shaw

C. Korczak Ziolkowski began a project to create a giant monument to him in South Dakota. Construction has continued after Ziolkowski's death.

Answer: Crazy Horse

17. Name these economists, FTP each:

A. Known for his contributions to welfare economics and general economic equilibrium theory, he won the Nobel for his eponymous "impossibility theorem."

Answer: Kenneth Joseph Arrow

B. This Norweigan shared the first Nobel with Ragnar Frisch for their development of econometric models.

Answer: Jan Tinbergen

C. This MIT professor wrote the groundbreaking textbook *Economics: An Introductory Analysis*.

Answer: Paul Samuelson

18. Questions from real analysis, FTPE.

A. The rationals are this in the set of real numbers, meaning that their closure is the entire space.

Answer: dense

B. This theorem states that a bounded sequence of real numbers has a convergent subsequence.

Answer: Bolzano-Weierstrass Theorem

C. This theorem states that the compact subsets of the reals are exactly the closed and bounded subsets.

Answer: Heine-Borel Theorem

19. Identify the works of V. S. Naipaul, FTPE.

A. It offers a pessimistic view of Africa, centering around a Muslim Indian, Salim, with a shop in Kisangani in the Congo.

Answer: A Bend in the River

B. This portrait of Naipaul's native Trinidad takes its name from the transport of slaves from Africa to the Americas.

Answer: The Middle Passage

C. The title character, born the "wrong way," marries into the domineering Tulsi family, and feels responsible for the drowning death of his father.

Answer: A House for Mr. Biswas

20. Name the acronyms of these Soviet secret police agencies, FTPE:

A. This was the USSR's first secret police, with an acronym short for "Extraordinary Comission." It was led by Feliks Dzerzhinskii.

Answer: Cheka

B. This organization, whose name was an acronym for the commissariat of internal affairs, was led most famously by Lavrentia Beriia, was formed in 1934, and played a key role in the purges.

Answer: NKVD

C. These two secret police organizations came between the Cheka and the NKVD. Name either one.

Answer: GPU or OGPU