

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

1. Name these things relating to fats and lipids, FTP each:

A. This 27-carbon molecule that is synthesized in the liver and found in cell membranes is a constituent of all animal fats and oils.

Answer: cholesterol

B. A simple fat is basically an ester of fatty acids and this three-carbon molecule that consists of a three-carbon backbone with an alcohol group attached to each carbon.

Answer: glycerol

C. This fatty acid that is 18 carbons long and features one double bond at the 9 carbon is found in certain butter substitutes.

Answer: oleic acid

2. Answer the following about an English rebellion, FTPE:

A. Who led the June 1381 uprising of townsmen and peasants in Kent, Essex, and London against misgovernment and three new poll taxes?

Answer: Wat Tyler

B. What man, the younger son of Edward the Black Prince, was king during Tyler's uprising? He quarreled with John of Gaunt and other notables after ending his minority in 1389.

Answer: Richard II

C. What first Lancaster king, a son of John of Gaunt, overthrew Richard II in 1399 and eventually became the subject of two Shakespeare plays?

Answer: Henry IV

3. Name these U.S. Senators who are—or might be—retiring in 2004, FTPE:

A. This Illinois Republican, a millionaire who defeated Carol Mosely-Braun in 1998, announced his retirement in April.

Answer: Peter Fitzgerald

B. This Georgia senator, a former governor elected to fill the term of the late Paul Coverdell in 2000, often sided with the president and announced his retirement last year.

Answer: Zell Miller

C. This South Carolina Democrat, who became his state's senior senator this year after 36 years in office when Strom Thurmond left office, is expected to retire.

Answer: Ernest "Fritz" Hollings

4. It is simply defined as the philosophical movement emphasizing individual existence, freedom, and choice, and is associated with such men as Albert Camus and Jean-Paul Sartre. FTP each, name—

A. This philosophical movement.

Answer: existentialism

B. The author of *Either/Or* and *Fear and Trembling* whose work is considered the foundation for 20th-century existentialism.

Answer: Soren (Aabye) Kierkegaard

C. The existential feminist theorist and author of the analytical *Second Sex* and the novel *The Mandarins*.

Answer: Simone de Beauvoir

5. Questions about a Dickens work, FTPE.

A. This novel follows the story of Philip Pirrip, raised by the blacksmith Joe Gargery.

Answer: Great Expectations

B. He is revealed to be Estella's father. A convict, he provides money for Pip's education from the fortune he made in Australia.

Answer: Abel Magwitch

C. Jilted on her wedding day, she lives in her wedding dress, and all her clocks are stopped at the minute her fiancée left. She raises Estella.

Answer: Miss Havisham

6. Answer these questions about the career of Eric Clapton, FTPE.

A. The name of this band was variously described as a request for anonymity and a joke that stuck. They recorded "Layla And Other Assorted Love Songs."

Answer: Derek and the Dominos

B. Clapton formed this supergroup with Ginger Baker, Steve Winwood, and Rick Grech. Every song the group recorded fit onto one self-titled album with a vaguely provocative cover.

Answer: Blind Faith

C. Possibly this 1975 movie's best performance was Clapton's performance of "Eyesight to the Blind"; it also featured Tina Turner as the Acid Queen and Elton John as a pinball aficionado.

Answer: Tommy

7. Her first husband was a navy purser named John Timberlake, and she met her second husband---then a U.S. senator---when they lived at the same boarding house. FTPE:

A. Who was this woman whose marriage to Andrew Jackson's Secretary of War caused a scandal?

Answer: Peggy Eaton or Margaret O'Neale Timberlake Eaton

B. This Secretary of State, a bachelor, offered to resign in 1831 to bring harmony back to the cabinet,

Answer: Martin Van Buren

C. This Vice President, whose wife Florida was instrumental in shunning Eaton, then engineered a tie vote in the Senate when Van Buren was named minister to Britain, casting a tie-breaking vote against Van Buren.

Answer: John Calhoun

8. Questions about a mathematical technique, FTPE.

A. Applied to a Gaussian, it gives another Gaussian. What is this procedure that converts between momentum space and position space, by integrating with respect to e^{ikx} ?

Answer: Fourier transform

B. The Fourier transform of this combination of two functions is the product of their Fourier transforms. It is commonly used in signal processing.

Answer: convolution

C. When a function is not sufficiently smooth, a computed Fourier transform will overshoot the function. What is this phenomenon, named for a scientist who also has a free energy?

Answer: Gibbs phenomenon

9. Questions about an artist, FTPE.

A. This artist from Nuremberg was known for Gothic woodcuts like the *Apocalypse* series. He was a follower of Luther, whom he met in 1518.

Answer: Albrecht Dürer

B. A skull sits in the foreground and a dog runs beside the horse, but the three grotesque title figures, one with a horn curving out of his head, are the focus of this 1513 engraving.

Answer: Knight, Death, and Devil

C. A lion is curled up in the foreground, while the title figure bends over a desk. Light shines through the windows at left.

Answer: St. Jerome in His Study

10. Questions about recent American novels, FTPE.

A. This DeLillo novel's introduction was recently released as *Pafko at the Wall*. It describes the life of Nick Shay in various time periods. Disposing of trash is a motif throughout the work.

Answer: Underworld

B. This William Gibson book focuses on Cayce Pollard, a "cool hunter" who removes brand names from her clothing and is obsessed with mysterious Internet footage.

Answer: Pattern Recognition

C. This Neal Stephenson novel stars Hiro Protagonist, hacker and pizza deliverman, in a future where the Internet has grown into the "Metaverse."

Answer: Snow Crash

11. Questions about special relativity, FTPE.

A. This is the group of transformations including rotations and changes to a frame moving at constant velocity, but not translations. With FitzGerald, its namesake developed a "contraction."

Answer: Lorentz group

B. The quantity equal to the reciprocal of the square root of one minus v squared over c squared is generally denoted by this Greek letter, and determines such quantities as time dilation.

Answer: gamma

C. Rather than using a positive-definite metric as in Newtonian physics, this metric of special relativity has one positive one and three negative ones down the diagonal, and is denoted eta.

Answer: Minkowski metric

12. Answer the following questions about a really cool director FTPE.

A. He played Count Rugen in *The Princess Bride* and is also known for making mockumentaries like *A Mighty Wind* and *Best in Show*. FTP, name him.

Answer: Christopher Guest

B. Guest is best known for his role as Nigel Tufnell in what 1984 movie about a British heavy metal band?

Answer: This is Spinal Tap

C. Guest directed and starred as Corky St. Clair in this satire of small town theater set in Blaine, Missouri.

Answer: Waiting for Guffman

13. Questions about language and the brain, FTPE.

A. This is a general term for impairment of language due to a brain injury; in most cases it is due to damage of the left cerebral hemisphere.

Answer: aphasia

B. Lesions of this area produce nonfluent aphasia, which includes an inability to name objects, impaired reading and writing. Comprehension is unaffected.

Answer: Broca's area

C. Patients with lesions of this brain region speak fluently, but often substitute incorrect words while preserving syntactic structure. Comprehension is impaired.

Answer: Wernicke's area

14. Name these men who helped design Cold War policy FTPE:

A. This career diplomat helped develop the concept of containment in "The Sources of Soviet Conduct" (his so-called "X article") and his Long Telegram.

Answer: George (Frost) Kennan

B. Joseph McCarthy often accused this Secretary of State under Truman of being an effete leftist sympathizer, but this author of *Present at the Creation* was actually quite hawkish.

Answer: Dean Acheson

C, This member of Truman's National Security Council staff helped militarize Kennan's theory of containment in the paper NSC-68.

Answer: Paul Nitze

15. French plays, FTPE.

A. Claire and Solange take turns imitating their employer, Madame, as they fantasize about killing her in this work by noted man-ho Jean Genet.

Answer: Les Bonnes (accept The Maids) (Genet was a man-ho!)

B. This Sartre play takes place in a 2nd Empire-style drawing room. The three main characters are a suicide, a baby-killer, and a journalist.

Answer: Huis Clos (accept No Exit)

C. This Ionesco work features the maid Mary, as well as the Smiths and the Martins. However, the title character, who always wears her hair the same way, does not appear.

Answer: La cantatrice chauve (accept The Bald Soprano)

16. FTPE, identify the following things about a Protestant sect.

A. This is the name given to a church governed by representative assemblies rather than bishops or congregations. It is often associated with the teachings of Calvin.

Answer: Presbyterianism

B. This is the term for French Presbyterians.

Answer: Huguenots

C. Presbyterian theology derives from this 1646 document, written to govern the Church of England. Its 35 chapters detail Protestant doctrines on redemption and the Sabbath.

Answer: Westminster Confession of Faith

17. Name these Australian tennis players, FTP each:

A. Known for his good looks and casual attitude, this Aussie retired in 2002 due to chronic injury. He won both the 1997 and 1998 US Opens with his classic serve and volley technique.

Answer: Patrick Rafter

B. Nicknamed, "The Scud," this Australian of Greek parentage is known for his massive serve and for having never fulfilled his potential, also partly due to chronic injury.

Answer: Mark Philipoussis (it's pronounced phoenetically)

C. Recently having been overtaken as the number one ranked player by Andre Agassi, this little guy dates top five WTA player Kim Clijsters [CLY-sturz] and has won two Grand Slams, the 2001 US Open and 2002 Wimbledon.

Answer: Lleyton Hewitt

18. Answer the following about Charlemagne, FTP each:

A. Charlemagne was the son of what Frankish king and mayor of the palace?

Answer: Pepin the Short

B. Charlemagne gained complete control of the Frankish kingdom upon the death of what brother of his in 771?

Answer: Carloman

C. Charlemagne was crowned Holy Roman Emperor by Pope Leo III on what date in history?

Answer: December 25, 800 (accept Christmas day, etc.)

19. Identify these genetic disorders, FTPE.

A. Caused by a deletion on chromosome 5, this disorder is named for the thin cry of affected children. Other symptoms include microcephaly and mental retardation.

Answer: cri du chat syndrome

B. This sex-linked disorder is the most common inherited cause of mental illness.

Answer: fragile X syndrome

C. Caused by a mutation on chromosome 15, this disease is characterized by defects in connective tissue. Patients are usually tall and have an increased chance of aortic dissection.

Answer: Marfan syndrome

20. Questions about Ibsen works, FTPE.

A. This Ibsen character fires Krogstad. He refers to his wife as a squirrel and a skylark; in the end, she slams the door and leaves him.

Answer: Torvald Helmer

B. The title character of this play torments a man who was formerly in love with her and gives him a pistol to commit suicide; Judge Brack knows what happened, and so she kills herself.

Answer: Hedda Gabler

C. His last play, it centers around the sculptor Rubek and his former model Irene, who finally act on their love for one another.

Answer: When We Dead Awaken