

FUCT 2002: The Fabulous Unnamed Chicago Tournament  
Tossups by Susan Ferrari and Peter Onyisi

1. Her first biographer, Theodore Tilton, had been cuckolded by Henry Ward Beecher, a scandal that she described in the weekly newspaper she published with her sister Tennessee. Briefly imprisoned under the Comstock laws, this adviser to Cornelius Vanderbilt was widely criticized for her views on socialism, free love, and women's rights. For 10 points—name this feminist who in 1872 became the first woman to run for president.

answer: Victoria (Claflin) Woodhull

2. Leibniz claimed to have found a counterexample. It can be proved using the fundamental group of the punctured disk, using the continuity of polynomials on the Riemann sphere, and through complex analysis, using Liouville's theorem; ironically, the most difficult method is a direct algebraic proof. For 10 points--what is this theorem, the subject of Gauss' doctoral thesis, what which states that any complex polynomial of degree  $n$  has, including multiplicity, exactly  $n$  complex roots?

answer: fundamental theorem of algebra

3. His many choral works include his *Flower Songs*, which feature a setting of a Robert Herrick poem. He wrote many operatic roles for his longtime companion, Peter Pears, such as the title role of *Peter Grimes*. Pears was also given a large part in the War Requiem, whose libretto included nine poems by Wilfred Owen. For 10 points—name this English composer of *Billy Budd* and *A Young Person's Guide to the Orchestra*.

answer: Benjamin Britten

4. This book's title could refer to one of three women: a bailiff's widow who dies while hanging up the laundry, a haberdasher's daughter with a dowry of sixty thousand francs, or the main character, an ex-convent girl. Bored with her commonplace life, she takes several lovers, wastes her husband's money, and commits suicide by consuming arsenic. For 10 points—name the Gustave Flaubert novel in which all three women appear.

answer: Madame Bovary

5. Its scientific name is *Solanum melongena*, and it was brought from India to Spain by the Moors about 1300 years ago. In Italian cuisine, it is used in caponata; in Middle Eastern cuisine, it is used in baba ganoush. It is known worldwide by such names as brinjal, melanzana, and

aubergine. For 10 points—name this vegetable, named for the ovoid fruit borne by some of its varieties.

answer: eggplant

6. Its streets are laid out in a series of grid plans; one of the grids in the downtown area is rotated thirty degrees from the others, contains a nightclub district, and has a major thoroughfare as its northern boundary. The Twin Peaks are located south of Parnassus Heights. The Ferry Building anchors Market Street on the Embarcadero end, while the other end lies south of where Divisadero becomes Castro. For 10 points—name this western city, where the California Academy of Sciences is located in Golden Gate Park.

answer: San Francisco

7. Evidence for popular belief in this doctrine may be found in such early works as the *Protevangelium* of James. The feast had been celebrated on various dates in December as early as the seventh century, but it was not set at its canonical date until the Middle Ages, and it was not declared dogma until 1854, in the Constitution *Ineffabilis Deus*. For 10 points—name this feast of the Catholic Church, celebrated December 8, which honors the miraculous birth of Mary.

answer: Feast of the Immaculate Conception of Mary

8. It was originally written in French at the urging of the author's friend, Francois Mauriac. In its second chapter, a woman on a train begins to lose her mind, imagining that she sees a fire and a furnace—a vision that comes true when the train arrives at Auschwitz. Written in 1955 as part of a trilogy of short works, it is the story of the author's experience in concentration camps during the Holocaust. For 10 points—name this work by Elie Wiesel.

answer: Night (or La Nuit)

9. They come in organic and inorganic types. Their energy resolution is much worse than semiconductor detectors. Organic ones, such as polystyrene and xylene, can be easily made into large flat sheets or used in liquid form. Lead wolframate is an inorganic one, the most common example being sodium iodide doped with thallium. FTP, identify this type of material, in which prompt fluorescence produces flashes of light when particles interact with them.

answer: scintillator

10. Despite early successes in Mato Grosso, the Paraguayans were forced into a defensive war. Near the end, Solano Lopez fled with the remnants of his army with children guarding the rear, before dying at Cerro Cora. Sparked by Brazil's intervention on the side of the Colorados in Uruguay's civil war, Paraguay lost a third of its adult population in it. For 10 points—name this most deadly war in Latin American history, pitting Paraguay against Argentina, Brazil, and Uruguay, whose alliance gave the war its name.

answer: War of the Triple Alliance (prompt on Paraguayan War)

11. This family, an offshoot of the Plantagenets, has had a long and illustrious history, in which they have often been close to royalty. They are first attested in 1485. Members served in World War I, made appearances at Elizabeth I's court, and served as butler to the son of George III, and a descendant will rule the Universe. For 10 points—name this family whose members tend to look like each other, partly because they are all portrayed by Rowan Atkinson.

answer: Blackadder

12. When she was five, she trained a chicken to walk backwards, prompting a visit from a newsreel company. Her letters were published as *The Habit of Being* after she was disabled and then killed by lupus. A peacock makes an appearance in "The Displaced Person"; other works include "Parker's Back," "The Lame Shall Enter First," and "The Life You Save May Be Your Own." For 10 points—name this author of *Wise Blood* and "A Good Man Is Hard To Find."

answer: (Mary) Flannery O'Connor

13. The name's the same; it literally means "the legitimate king," which suggests that they were usurpers. In a folktale, one of them floated down a river in a basket; the other may have been a son of Tiglath-Pileser III. One founded a new Assyrian capital named after himself; the other brought the previously insignificant Agade to prominence. For 10 points—give the shared name of these kings, one succeeded by Sennacherib, the other the founder of the Akkadian Empire.

answer: Sargon or Sharru-kin

14. One might expect a fractional distillation of two liquids to produce a distillate consisting solely of the liquid with the lower boiling point. However, a fractional distillation of a mixture of water and ethanol produces a distillate with a lower boiling point than either liquid, which is composed of approximately 96% ethanol and 4% water. This distillate is a minimum boiling form of—for 10 points—what chemical substance consisting of two liquids inseparable by fractional distillation?

answer: azeotrope

15. After stints at the Art Institute of Chicago and the Art Students League, this artist decided that the then-current tradition was too stifling and went into commercial art. Although better known for paintings, her sculpture “Abstraction” stands in the middle of her namesake museum, and she made many three-dimensional works after her eyesight failed. For 10 points—name this wife of Alfred Stieglitz, known for her paintings of flowers and the nature of the Southwest.

answer: Georgia O’Keeffe

16. Its author escaped his country on horseback across the Andes with the manuscript for it in his saddlebag. Divided into fifteen parts, earlier works form the basis for parts two and seven, and others include “The great ocean,” “The lamp in the earth,” “The flowers of Punitaqui,” and “The Conquistadors.” For 10 points—name this epic cycle of 340 poems incorporating “The Heights of Macchu Picchu,” written by Pablo Neruda.

answer: Canto General (or General Song)

17. One often-studied example is called Russenorsk. They come in three stages—jargon, stable, and extended—that share a small vocabulary and reduced inflectional morphology. Their name supposedly derives from a Chinese mispronunciation of “business,” and they are usually created for a single linguistic encounter; their lexicon often comes from one parent language, and their structure from the other. For 10 points—name this type of language which, when it becomes nativized, is considered a creole.

answer: pidgin

18. This process begins with the purification of plasmid DNA from a cleared lysate. The DNA is then digested with restriction enzymes and run on an agarose gel. The gel is transferred to a nylon or nitrocellulose filter. The DNA may then be detected using a complementary DNA probe. A similar assay using protein rather than DNA is known as a Western blot. For 10 points—name this assay procedure.

answer: Southern blot

19. Amara Essy has stated that he would like to “avoid violence and partition,” but it may be a bit late for that. Governors of four provinces have announced plans to secede. Bridges have been destroyed to prevent fuel tankers from going inland on roads from its port city of Tamatave.

Didier Ratsikara claims to have won a recount against his opponent Marc Ravalomana in, FTP, what country, plunged into crisis by the self-proclamation as president by the mayor of Antananarivo?

answer: Madagascar

20. George Rappalyea originally wanted to hire H. G. Wells, but Wells had no interest in this case. The ACLU wanted John W. Davis and Charles Evans Hughes, but neither man was willing to serve alongside the man who became head of the defense team, Clarence Darrow. The lead prosecutor, William Jennings Bryan, died six days after the guilty verdict was given. For 10 points—name this 1925 case concerning the teaching of evolutionary theory.

answer: the Scopes trial (accept equivalent answers, like the “Scopes monkey trial,” as long as they mention Scopes; accept an early buzz of “John Scopes”)

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1. Name these works of art housed in the Art Institute of Chicago, for 10 points each:

a) The museum's collection includes this pointillist masterpiece by Georges Seurat, a work influenced by the Impressionist movement's interest in recreation and featured in *Ferris Bueller's Day Off*.

answer: A Sunday Afternoon on the Island of La Grande Jatte

b) Another pointillist work in the collection is this man's *Self-Portrait*, one of 24 self-portraits he painted during his two-year stay in Paris. Other works include *Sunflowers* and *Irises*.

answer: Vincent van Gogh

c) The museum also houses this Toulouse-Lautrec work set at a famous Parisian nightclub. The left side of the painting features the artist himself, while a green-faced dancer appears at the right edge.

answer: At the Moulin Rouge

2. Name these things related to child psychology, for 10 points each:

a) Repeated body movements and communications difficulties are common symptoms of this development disorder, which usually appears during the first three years of life.

answer: autism

b) Sufferers of autism may benefit from a diet free of casein and this substance, which occurs in cereals such as wheat, oat, barley, and rye.

answer: gluten

c) Symptoms of this form of high-functioning autism include early lucid speech, poor social interactions, and an obsessive interest in a single topic, which may begin in early childhood.

answer: Asperger's syndrome

3. Name these historical figures of the Byzantine era, for 10 points each:

a) This Byzantine emperor survived the Nika revolts and is best known for the law code compiled by his adviser Tribonian.

answer: Justinian

b) After helping suppress the Nika riot, he defeated the Vandals of Northern Africa and was sent to reconquer Italy, but was stymied by his disagreements with Narses and the distrust of Justinian.

answer: Belisarius

c) This man, who served in the army under Belisarius, wrote a “secret history” that denounced Justinian and his wife Theodora.

answer: Procopius

4. 30-20-10. Name the poem.

For 30: The artists Fra Pandolf and Claus of Innsbruck were invented for this poem.

For 20: The narrator criticizes the title character for being too easily pleased by simple things, criticizing her for “ranking [his] gift of a nine-hundred-years-old name” with “anybody’s gift.”

For 10: The title character of this Robert Browning monologue is the subject of a painting being described by her former husband, who is negotiating for his next wife.

answer: My Last Duchess

5. Given an organism and a taxonomic grouping, state which group the organism belongs to, for 10 points each. For example, if I said "Human, phylum," you would say, "Chordata".

A. Tapeworm, phylum.

answer: Platyhelminthes

B. Naked mole-rat, order.

answer: Rodentia

C. Dingo, genus.

answer: Canis



6. Name these works by E. B. White, for 10 points each.

a) His last children's novel features a mute protagonist trying to earn enough to pay for the title object.

answer: The Trumpet of the Swan

b) An early collaboration with James Thurber produced this send-up of psychoanalysis and sex-help books.

answer: Is Sex Necessary? : Or Why You Feel The Way You Do

c) This was a collection of essays written for Harper's about life on a Maine farm.

answer: One Man's Meat

7 Answer the following, for 10 points each, about hair problems in Germany.

a) Name the German Chancellor who is suing a news agency for quoting an image consultant who suggested that he dyes his hair dark.

answer: Gerhard Schroeder

b) Name the chairman of the Christian Social Union and Bavarian premier with gray hair and a receding hairline who Schroeder will compete against in September's elections.

answer: Edmund Stoiber

c) Name the news organization Schroeder is suing for violating an injunction ordering them to stop carrying reports about his hair.

answer: DDP

8. Name these American third parties, for 10 points each.

a) Theodore Roosevelt ran for president on this party's ticket in 1912 and split the Republican vote, clearing the way for Woodrow Wilson's election.

answer: Bull Moose or Progressive party

b) They are probably best remembered for being the first party to hold a convention, nominating William Wirt for the presidency in 1831.

answer: Anti-Masonic party

c) This party served as the vehicle for George Wallace's run for president in 1968; his anti-civil rights message got him 43 electoral votes.

answer: American Independent party

9. Answer these related questions for 10 points each:

a) A test measuring levels of free beta human chorionic gonadotropin in the blood or urine is used for what condition?

answer: pregnancy or obvious equivalents (Down syndrome is neither correct nor protestable—you'd be testing for *nicked* beta hCG)

b) What test, usually given in the tenth or eleventh week of pregnancy, examines placental tissue to diagnose certain birth defects?

answer: chorionic villus sampling

c) What test, usually given around the sixteenth week of pregnancy, examines fluid obtained by inserting a needle into the uterus?

answer: amniocentesis

10. Name these muckraking journalists for 10 points each:

a) This author's *How the Other Half Lives*, written in 1890, exposed life in New York slums.

answer: Jacob Riis

b) She was most famous for posing as a madwoman to be committed to the asylum on Blackwell's Island. She used this experience to write about mistreatment of the mentally ill.

answer: Nellie Bly

c) This reporter was most famous for writing *The History of the Standard Oil Company*, in which she exposed the illegal means Rockefeller used to get a monopoly on the oil industry.

answer: Ida Tarbell

11. 30-20-10, name the mythological character:

30: His son Oisín fell in love with Niamh (neeve) and went with her to Tir na nOg. He died when he returned to earth.

20: As a young boy, he was given to Liath Luachra to be taught martial arts. He used these skills in leading his army, the Fianna.

10: This Irish hero known for eating the salmon of knowledge.

answer: Fionn mac Cumhail or Finn MacCool

12. Answer these questions on energy generation in star, for 10 points each.

a) This cycle, dominant in stars larger than the sun, uses isotopes of three elements to catalyze the conversion of hydrogen to helium. It was the first mechanism to be discovered.

answer: Carbon-Nitrogen-Oxygen cycle (prompt on carbon or carbon-nitrogen cycle)

b) This reaction, dominant in the sun, converts protons to helium via deuterium and helium-3.

answer: proton-proton or pp chain

c) This Cornell physicist won the Nobel Physics prize in 1967 for discovering that the CNO cycle and the pp chain were the only candidates for the processes that converted hydrogen to helium.

answer: Hans Albrecht Bethe

13. Name these composers, for 10 points each.

a) This master of polyphony was asked to rewrite the church's plainchant books following the Council of Trent. His most famous mass was the Missa Papae Marcelli.

answer: Giovanni Pierluigi da Palestrina

b) This man's work encompasses many styles, including madrigals, motets, and masses, but he is best known for composing such operas as *The Coronation of Poppea* and *Orfeo*.

answer: Claudio Monteverdi

c) Another early composer of operatic works, this English composer's most famous work is his only true opera, *Dido and Aeneas*.

answer: Henry Purcell

14. Give these Latin law terms, for 10 points each.

a) Referring to persons asking for permission to intervene in cases in which they are not directly involved, this phrase translates as "friend of the court"

answer: amicus curiae

b) This phrase, meaning "one party only", refers to cases in which one party is neither present nor represented. Famous cases of this sort include *x* and *Milligan*.

answer: ex parte

c) An abbreviation of phrase meaning "for the public good", this phrase is most often applied to free legal services.

answer: pro bono publicum

15. For 10 points each, identify the people from airports named after them and some other information:

a) The airport is in Orange County; the man starred in westerns and war films and is associated with directors Howard Hawks and John Ford.

answer: John Wayne

b) The airport is mostly in Loudoun County, 26 miles from Washington; the man was Secretary of State during Eisenhower's first six years in office.

answer: John Foster Dulles

c) The airport serves Abidjan; the man was Ivory Coast's president from independence in 1960 until his death in 1993.

answer: Felix Houphouët-Boigny [oofway-boinye] (be very lenient with pronunciation)

16. For 10 points each, identify these African empires and sites.

a) Well known for its brass artwork, this kingdom in what is now southern Nigeria gave its name to the country neighboring Nigeria on the west.

answer: Benin or Edo

b) This first millennium empire dominated the Red Sea coast of Ethiopia and destroyed the kingdom of Kush in the mid-300s AD.

answer: Axum

c) The first Europeans to visit it thought it was the site of King Solomon's mines. Its name derives from a term meaning "stone houses"; the stone birds found there are now national symbols of the country it is located in.

answer: Great Zimbabwe (prompt on Zimbabwe)

17. For 10 points each, name these islands of the Philippines.

a) This second-largest island is in the south of the chain. Mount Apo, the highest peak in the Philippines, is located on it.

answer: Mindanao

b) Manila is located on this largest island of the chain.

answer: Luzon

c) This long, narrow strip is the westernmost large island. Its largest city is Puerto Princesa, and cinnabar mining is an important industry.

answer: Palawan

18. Name these schools of thought in computer processor design, for 10 points each.

a) Made commercially successful by Sun's SPARC architecture, this model has a small set of simple instructions and focuses on executing them extremely quickly.

answer: Reduced Instruction Set Comput(er, ing)

b) This model, followed by the Intel x86 architecture, has a large instruction set. It was retroactively defined as not being RISC [risk].

answer: Complex Instruction Set Comput(er, ing)

c) Intel's EPIC architecture, used on its Itanium processor, is a derivative of this model. Compilers group together multiple primitive instructions which can be executed in parallel, and the processor fetches them and executes them together.

answer: Very Long Instruction Word

19. Identify these struggling or moribund telecom companies, for 10 points each.

a) Its founder, Bernard Ebbers, recently resigned; he received large personal loans from the company. Its stock price has plummeted since it acquired MCI.

answer: WorldCom

c) This major fiber-optic cable operator based in New Jersey filed for bankruptcy in January; it had only existed for two years.

answer: Global Crossing

c) AT&T failed to buy this then-largest cable broadband company in December, ending hopes that it might be saved.

answer: Excite@Home

20. Name the following philosophers from their works, for 15 points each. If you need an easier work, you will receive 5 points.

a) 15: Enchiridion Alilitis Christioni  
5: In Praise of Folly

answer: Desiderius Erasmus Roterodamus

b) 15: The Concept of Irony  
5: The Sickness Unto Death

answer: Soren Kierkegaard