

FUCT 2002: The Fabulous Unnamed Chicago Tournament

Tossups by Chicago Suicidal (Jim Barton, Philo Davidson, Patrick LaVictoire) (with help from Susan Ferrari and Peter Onyisi)

1. The petitioners in this case included Michael Vignera, Carl Calvin Westover, and Roy Allen Stewart. In his majority opinion, Earl Warren quoted from *Brown v. Walker*, *Weems v. United States*, and *Escobedo v. Illinois*, as well as the 1962 book *Criminal Investigation and Confessions*. For 10 points—name this 1966 case in which the Supreme Court established guidelines to ensure that arrested persons are informed of their right against self-incrimination.

answer: Miranda v. Arizona

2. He planned to compose an opera based on “The Fall of the House of Usher,” but he never completed it. He wrote several works of music criticism under the name Monsieur Croche, claimed that Poe’s work haunted his single opera, “Pelléas et Mélisande,” and, in an attempt to amuse his daughter, wrote the piano suite “The Children’s Corner.” For 10 points—name this French composer of “La Mer.”

answer: Claude(–Achille) Debussy

3. Osteogenesis imperfecta and Ehlers-Danlos syndrome are diseases of this group of proteins. They are triple helices where every third amino acid in a strand is glycine. They contain quantities of hydroxylysine and hydroxyproline, two amino acids rarely found elsewhere. For 10 points—what is this family of connective tissue proteins converted upon boiling to gelatin?

answer: collagen

4. In Tom Clancy’s *The Hunt For Red October*, Jack Ryan quotes from this poem when he hands over the keys to the nuclear missiles. It was inspired by the Greek historian Diodorus Siculus, in his description of a mortuary temple complex. For 10 points—name ~~identify~~ this poem whose title is a corruption of the prenomen of Rameses II, a Percy Bysshe Shelley work that includes the line “Look on my works, ye mighty, and despair!”

answer: Ozymandias

5. Offshore Flo, the New England diner owner; the superhero Obviousman; Homer, the reluctant soul; and Danae, the wise six-year old, are all characters in, for 10 points what Wiley Miller comic strip named for a French phrase meaning “it does not follow”?

answer: Non Sequitur

6. South Africa has negotiated a broad exemption from them, while Canada, Mexico, Israel, and Jordan are exempt. They have caused Brazil to demand compensation for lost export revenue. They were created under the “safeguard” rules of the WTO; the EU claims the necessary conditions have not been met, and is threatening retaliation. For 10 points—new tariffs on what commodity have been interpreted as an attempt by Republicans to make political gains in the Rust Belt?

answer: steel tariffs

7. The Huffman-Krättschmer technique is used to produce them. Occurring naturally in meteorites and in red giant stars, they rotate at a rate of over one hundred million times per second, and can withstand collisions with stainless steel plates at speeds of over 15,000 miles per hour. For 10 points—identify this form of carbon, of which the most common is C60.

answer: fullerenes (accept buckyballs until “carbon,” after which prompt)

8. As a poet, he was called “a weak imitator of Byron” by the governor of Odessa. After the suppression of the Decembrist uprising, Nicholas I allowed him to return to Moscow and promised to personally censor his work, a curse in disguise. Among his “little tragedies” are “Mozart and Salieri” and “The Stone Guest.” For 10 points—name this nineteenth-century Russian author of *Boris Godunov* and *Yevgeny Onegin*.

answer: Aleksandr Pushkin

9. In this battle, the Union forces sustained casualties of 13,000 men, while the Confederates lost only 2,500. Many of the Union casualties came during an attack near the Bethesda Church on June 3, an attack that Ulysses S. Grant would later write was the only one he ever regretted. For 10 points—name this 1864 Robert E. Lee victory, the last major battle of the Overland campaign.

answer: The second battle of Cold Harbor

10. It does not concern itself with consequences but only with actions themselves. Suicide, false promises and masturbation are exceptionally immoral according to this maxim. It is distinguished from the hypothetical type in “Grounding for the Metaphysics of Morals.” For 10 points—name this generative moral principle, one statement of which is “treat everyone as an end, not merely as a means,” the basis of Kant’s ethics.

answer: categorical imperative

11.  $\nabla \cdot \mathbf{E} = 0$  and  $\nabla \cdot \mathbf{B} = 4\pi \star J$ .  $\nabla \times \mathbf{E} = -\frac{1}{c} \frac{\partial \mathbf{B}}{\partial t}$  and  $\nabla \times \mathbf{B} = \frac{1}{c} \frac{\partial \mathbf{E}}{\partial t} + 4\pi \mathbf{J}$ . The d'Alembertian of  $A_\mu$  equals minus  $J_\mu$ .  $\nabla \cdot \mathbf{B} = 0$ ,  $\nabla \cdot \mathbf{E} = 4\pi \rho$ . For 10 points—these are all equivalent statements of what fundamental equations of electromagnetism?

answer: Maxwell's equations

12. There is no haggling involved and it is voluntary, although expected by societal norms. Marcel Mauss wrote about this sort of social relation, citing the Melanesian kula and other less hostile versions, and stressed social rather than economic aspects of it. For 10 points—name this sort of social interaction that sociologists still study during Christmastime and other holiday periods.

answer: gift giving (accept gift exchange)

13. The length of its coastline is comparable to the circumference of the Earth. Its parliament is the Landsting, which administers the home rule granted in 1979. The only regular commercial flights to this island originate from Copenhagen and Reykjavik. For 10 points—identify this part of the Kingdom of Denmark, the world's largest island.

answer: Greenland (or Kalaallit Nunaat)

14. The wife says that she doesn't know how her husband died. The bandit claims that the woman was willing and that she told him to kill her husband. The woodcutter says that the woman prodded the bandit and her husband into a duel. The dead samurai claims that he committed suicide. Different versions of the story are related in the shadow of a ruined gate in, for 10 points, what Akira Kurosawa classic?

answer: Rashomon

15. A chrono-synclastic infundibulum smears Winston Niles Rumfoord across time, making him appear periodically in various locations in the solar system. It also lets him see time as a whole, allowing him to predict miracles for the Church of God the Utterly Indifferent. It turns out that the purpose of human civilization was to deliver a replacement part for a spaceship to a moon of

Saturn. For 10 points—name this Vonnegut novel, whose title refers to statues in a pool on that moon.

answer:       The Sirens of Titan

16. The group with this name is the only group with eight elements that is not a nontrivial semidirect product. As an algebra, its center is isomorphic to the reals. The unit ones are isomorphic to  $SU(2)$  [S-U-2], which makes them useful for computing three-dimensional rotations. For 10 points—identify this algebra, famous for having its fundamental relationships inscribed on a Dublin bridge by William Hamilton.

answer:       quaternions

17. He was pierced through with spears by four soldiers after converting the wife and son of King Misdai. Previously, he had been imprisoned by King Gundafor, who had given him money to build a palace, because he gave this money to the poor. However, he is best known for his role in the Gospel of John, where he asks to see the wounds from the Crucifixion before he will believe in the Resurrection. For 10 points—name this “doubting” apostle.

answer:       Thomas

18. In the funniest scene in the novel, the protagonist dresses up in a bear suit to save Alice and Duncan from the evil Magua. After the Hurons massacre a group of people leaving Fort William Henry, a chase through the woods ensues, and the novel ends with the death of Cora Munro. For 10 points—name this second of the Leatherstocking Tales, whose title character is Uncas, the son of Chingachgook.

answer:       The Last of the Mohicans

19. In the second episode, Hannah and Elijah Wood clean up when Lola, the bulldog, has an accident. Slightly more interesting segments include an appearance on TRL and Jack's family confronting him about his pot use. In the fourth episode, Sharon throws a ham over the fence while blasting Black Sabbath to get their neighbors to turn down their music. For 10 points—name this MTV show about the life of Ozzy's family.

answer:       The Osbournes

20. Two of his titles were Bishop of Autun and Prince of Benevento. He lost the first title after being excommunicated by the pope in 1790, and after being expelled from France, he was forced

to live in the U.S. from 1794 to 1796. Upon his return, his paper stating that France should concentrate on Africa because it could not regain its American colonies got him his best-known job. For 10 points—name this foreign minister in the Directory, under Napoleon, and under Louis XVIII.

answer: Charles-Maurice de Talleyrand-Perigord

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1. Name the Shakespeare history play from lines spoken by the title character, for 10 points each.

a) “Now is the winter of our discontent made glorious summer by this sun of York.”

answer: Richard III

b) “Then will he strip his sleeve and show his scars. And say ‘These wounds I had on Crispin’s day.’”

answer: Henry V

c) “The devil take Henry of Lancaster and thee!”

answer: Richard II

2. Name these figures associated with the discovery of the structure of DNA, for 10 points each.

a) For 5 points each, these two Cambridge scientists discovered the structure of DNA, and won the Nobel Prize for their discovery in 1962.

answer: James Watson and Francis Crick

b) Their main competitor was what Caltech scientist fresh from determining the structure of the alpha helix?

answer: Linus Pauling

c) This man, who performed X-ray studies of DNA, shared the Nobel with Watson and Crick.

answer: Maurice Wilkins

3. For 10 points each, given the year and the victor, identify the first runner-up by electoral votes in the Presidential election.

a) 1944, Franklin Roosevelt

answer: Thomas Dewey

b) 1852, Franklin Pierce

answer: Winfield Scott

c) 1804, Thomas Jefferson

answer: Charles C(otesworth) Pinckney

4. Answer the following, for 10 points each.

a) This Cleveland Indians pitcher had to miss his first 2002 start after being beaten by his wife during an argument. He later filed for divorce.

answer: Chuck Finley

b) She appeared opposite Tom Hanks in the 1984 movie Bachelor Party, and went on to dance in Whitesnake videos. After being arrested for beating Finley, she spent two days in jail because her husband failed to pay her \$25,000 bail.

answer: Tawny Kitaen

c) Before she met Finley, Kitaen dated, but luckily did not marry, what infamous former Buffalo Bills running back?

answer: O.J. Simpson

5. 30-20-10. Name the world leader.

- a) He delivered a rendition of the Elvis song "Love Me Tender" at the 1996 APEC summit in Manila.
- b) His heir-apparent is Hu Jintao. Residents of the city where he was once mayor called him "the Flowerpot" for his seeming lack of action.
- c) He is due to retire as the Chinese Communist party secretary this year and as Chinese president next year.

answer: Jiang Zemin

6. For 10 points each, identify these geographical features of the Mediterranean coast.

- a) This mountain range runs from east to west across southern Turkey.

answer: Taurus mountains

- b) This river rises in Lebanon, flows northward through Syria, and then turns southwest before flowing into the Mediterranean.

answer: Orontes river

- c) This mountain range runs north-south along the Syrian side of the Syria-Lebanon border.

answer: Anti-Lebanon mountains

7. For 10 points each, name these Salman Rushdie works.

- a) This novel is the story of Saleem Sinai and 1,000 other characters born within an hour of him.

answer: Midnight's Children

- b) His first novel, this is a mythical tale of Flapping Eagle's immortal quest.

answer: Grimus



c) In this novel, Sufia Zenobia begins manifesting a beast because of the title emotion.

answer: Shame

8. For 10 points each, identify the shape of the following molecules as given by VSEPR theory.

a)  $\text{NH}_3$

answer: pyramidal

b)  $\text{SO}_2$

answer: bent

c)  $\text{PCl}_5$

answer: trigonal bipyramidal

9. Name these Caesars, for 10 points each

a) He became emperor unexpectedly in 41 after Caligula's murder.

answer: Claudius

b) This emperor won the battle of Milvian Bridge in 312, with a little help from instructions in a vision.

answer: Constantine

c) This emperor served for 20 months, from 361 to 363, during which he tried to revive paganism.

answer: Julian the Apostate

10. Name these figures from Greek mythology, for 10 points each.

a) This goddess, the personification of memory, was the mother of the nine muses.

answer: Mnemosyne

b) This muse, whose name means “beautiful voice,” was the muse of eloquence and epic or heroic poetry.

answer: Calliope

c) This son of Calliope and husband of Eurydice was the greatest poet and musician of Greek myth. He was torn to pieces by the Maenads.

answer: Orpheus

11. 30-20-10. Name the composer from works.

- a) Simon Boccanegra, Atilla
- b) The Sicilian Vespers, Macbeth
- c) Aida, La Traviata

answer: Guiseppe Verdi

12. Expand these New Deal acronyms, for 10 points each.

a) WPA

answer: Works Progress Administration (accept Work Progress Administration)

b) NLRB

answer: National Labor Relations Board

c) FERA

answer: Federal Emergency Relief Administration

13. 30-20-10. Name the particle.

- a) They have been used to demonstrate quantization of energy levels in a gravitational potential well.
- b) Their magnetic moment is -1.9 nuclear magnetons instead of the zero that would be expected if they were fundamental.
- c) Discovered by James Chadwick, the half life for free particles is 886 seconds.

answer: neutron

14. Name these characters from the Grapes of Wrath, for 10 points each.

- a) This is the last name of the family that sets out from Oklahoma to California.

answer: Joad

- b) He is the husband of Rose of Sharon, who leaves her once they arrive in California.

answer: Connie Rivers

- c) He is the former preacher who joins the Joads on their trip. Once he California, he ends up in prison, and returns as a labor organizer.

answer: Jim Casy

15. Identify the following music videos from descriptions. Five points if you can name either the band or the song; fifteen for both.

- a) This video, featuring a song from the band's new album, "Bleed American," shows the band playing a party at which all of the guests are in their underwear.

answer: Jimmy Eat World, "The Middle"

- b) This video alternates cuts of the band playing with some of nine sumo wrestlers fighting. The bassist in the video, Mikey Welsh, was replaced by Scott Shiner for the subsequent tour.

answer: Weezer, "Hashpipe"

16. Name these types of seismic waves, for 10 points each.

a) These are longitudinal waves traveling in the interior of the earth. They cannot propagate in the liquid core, leading to shadow zones in which they are not observed.

answer: S or Secondary waves (accept shear waves)

b) These travel faster than S waves and, being compressional waves, can travel through the core.

answer: P or primary waves

c) These surface waves produce horizontal, back and forth motion, with no vertical displacement.

answer: Love waves (prompt on "L waves")

17. Answer these questions about the second French Empire, for 10 points *each*.

a) The second French Empire was established through an 1851 coup d'etat, installing what man as emperor?

answer: Napoleon III

b) In 1854, Napoleon III sent armies to assist the Turks in defeating what nation?

answer: Russia

c) In 1870, Napoleon III was held captive at what battle of the Franco-Prussian War?

answer: Sedan

18. For 10 points each, answer these questions about a decision that could put webcasters out of business.

a) What umbrella organization for the music industry is asking the U.S. Copyright Office to decide what royalty rates should be for music played over the internet?

answer: Recording Industry Association of America

b) What law, passed in 1998, states that royalties must be paid by webcasters and others who reproduce music digitally?

answer: Digital Millennium Copyright Act

c) What official has final say on what the rates will be?

answer: Librarian of Congress (accept James H. Billington)

19. For 10 points each, give these socio-structural terms.

a) Those in this sort of society trace their descent through their fathers; this determines the set of successors for inheritance.

answer: patrilinear

b) Those who grow up in the same place their mother did are in this sort of community.

answer: matrilocal (accept uxorilocal)

c) Frequently found in matrilineal societies, as practiced by the Trobriand Islanders boys leave their parents' homes to live in the villages of their mothers' brothers, which is where their wives live too.

answer: avunculocal

20. How much do you know about Franz Kafka? For 10 points each:

a) Name the 1922 Kafka novel in which K. has been summoned to the title locale as a land surveyor—or so he thinks.

answer: The Castle or Das Schloss

b) What friend of Kafka prepared *The Castle* for publication when its author died?

answer: Max Brod

c) In what novel does the bank assessor Joseph K. wake up to find himself arrested and charged with an unspecified crime?

answer: The Trial or Der Prozess