

FUCT 2002: The Fabulous Unnamed Chicago Tournament  
Tossups by the University of Pittsburgh (Matt Weiner)

1. Its name was coined by Richard Goodwin, and it was introduced in a commencement speech in Ann Arbor, Michigan. Lesser-known parts of it included the Model Cities program, and it was described as “a place where every child can find knowledge to enrich his mind and to enlarge his talents.” For 10 points—name this social program, whose initiatives included the Job Corps and Head Start, that dominated the agenda of Lyndon Johnson.

answer:        the Great Society

2. It was inspired by a legend in which Saints Stephen and Augustine aided in the title event, which took place in 1323. At the top, Mary and John the Baptist open the path to Christ, while in the middle, a row of mustached nobles watch the priests holding the prone body. For 10 points—name this 1586 el Greco painting that depicts an interment.

answer:        the Burial of Count Orgaz

3. According to the author, this story was based on the actions of Joseph Moody of York, Maine, who showed the same eccentricity as the title character. Squire Saunders quits inviting the protagonist to dinner, Goodman Gray suspects him of madness, and Elizabeth rejects him when he refuses to lift the title garment. For 10 points—name this Nathaniel Hawthorne story in which Parson Hooper adopts a facial adornment.

answer:        The Minister's Black Veil

4. The Brillouin type of this is caused by acoustic vibration in crystals. The effect on electromagnetic radiation by free charged particles is the Thompson kind when the radiation's wavelength is comparatively smaller or the Rayleigh kind when the wavelength is larger. The Rutherford type involves alpha particles and is caused by thin films of heavy metals. For 10 points—give this generic term for the dispersal of particles or radiation by collisions.

answer:        scattering

5. The eldest son recently married the daughter of a rabbi played by Richard Lewis. Lucy and Mary are now in college, but Happy, Simon, Ruthie and the twins are still at home with their minister father and his wife. For 10 points—what show on the WB Monday night features the wholesome misadventures of the Camden family?

answer: Seventh Heaven (accept the Camdens before the word “show”)

6. Under the Republic, occupants of this office had their headquarters in the Regia, which overlooked the Forum, and lived in the largest Domus Publicus with the Vestal Virgins. Holders of this office oversaw the fetials and the augurs; emperors claimed it as a title until 375, when it was claimed by the pope instead. For 10 points—name this office, the high priesthood of the Roman state religion.

answer: pontifex maximus (prompt on “pontifex”)

7. He was sent to Newgate prison for the murder of William Bradley, but was acquitted; Corpus Christi tried to deny him his M.A. for supposedly converting to Catholicism, but relented at the request of the Privy Council. Sometimes said to have written *Dido, Queen of Carthage* with Thomas Nashe, he also wrote romantic tragedies like *Edward II* and *The Jew of Malta*. For 10 points—name this Elizabethan playwright of *Tamburlaine the Great*.

answer: Christopher Marlowe

8. In the 1790s, he wrote a biography of Jesus that downplayed the miraculous and treated its subject as the son of Mary and Joseph, not of God. He wrote a tract on logic while living in Nürnberg, and an *Encyclopedia of the Philosophical Sciences* while working in Heidelberg, but is best known for his stay in Jena, where he wrote *The Phenomenology of Spirit*. For 10 points—name this idealistic German philosopher and dialectician.

answer: Georg Friedrich Wilhelm Hegel

9. During this period, Arizona’s petrified forest was formed and Pangaea began dividing. Three-stage insect metamorphosis became prevalent and evergreen trees were the dominant form of plant life during this period, which lasted from 240 to 205 million years ago. For 10 points—name this period which saw the emergence of the earliest mammals and the first dinosaurs, the first period of the Mesozoic era.

answer: Triassic Period

10. Keynes based it on a similar concept applied to employment by Richard Kahn. Stating it in terms of the marginal propensity to save reveals that it is infinite when MPS equals zero and that it can be stated as one divided by (one minus marginal propensity to consume.) It occurs because flow of income not only shifts control of existing assets but encourages new consumption. For 10 points—name this figure that expresses the ratio of GDP change to actual change in spending.

answer: income multiplier

11. Rokeby Road and Hay Street cut through its Subiaco shopping district, and it also contains Burswood, the only casino in its state. Located on the estuary of the Swan River, it grew rapidly following the Coolgardie gold rush, and lies slightly west of Kalgoorlie, south of Stirling, and north of Fremantle, its Indian Ocean port. For 10 points—name this city, the capital of Western Australia.

answer: Perth

12. Its eighth section barred the appointment of any “person habitually using intoxicating beverages to excess.” Republicans claimed that Al Gore’s 1996 fundraising drive from the Vice-Presidential office violated the eleventh section of this law. Sponsored by an Ohio Democrat who ran for vice president in 1864, it affected only 15,000 of the 160,000 jobs in its target structure. For 10 points—name this 1883 act which established the Civil Service Commission.

answer: Pendleton Civil Service Act

13. He claims to have appeared in more movies than any other actor in history, and to be the only man to have played Mycroft Holmes, Sherlock Holmes, and Henry Baskerville. He played the title role in *The Man with the Golden Gun*, but is perhaps better known for playing Dracula in the classic Hammer horror films. For 10 points—name this man who will play Count Dooku in *Attack of the Clones* and Saruman in *The Two Towers*.

answer: Christopher Frank Carandini Lee

14. Its second release added link loading and the separate compilation of program modules. Its fourth version, finished in 1961, improved implementation of COMMON and EQUIVALENCE statements, and the currently most widely implemented version was standardized in 1977. For 10 points—name this early high-level computer language, developed by John Backus in the mid-1950s, frequently used in technical computation.

answer: Formula Translation (FORTRAN)

15. The main characters find documents essential to their research in a grave, at the home of George Bailey, and in the hands of Beatrice Nest and Leonora Stern. This novel includes essays by Drs. Cooper and Blackadder, the chief authorities on Randolph Henry Ash until new letters

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1. Name these John Steinbeck works from plot descriptions, for 10 points each.

a) In La Paz, Mexico, Kino attempts to have his son Coyotito treated for a scorpion bite and discovers the title object, which briefly offers hope of financial salvation.

answer:        The Pearl

b) Adam Trask settles in the Salinas Valley with his wife Cathy and his sons Cal and Aron. Adam favors Aron over Cal—a situation reminiscent of the story of Cain and Abel.

answer:        East of Eden

c) Returning from World War I, Danny and Pilon [pee-LOAN] exchange sublet privileges in their houses for Torelli's wine.

answer:        Tortilla Flat

2. Name these relations<sup>ed</sup> chemistry terms, for 10 points each:

a) This equation predicts “the temperature dependence of vapor pressures of pure liquids or solids” with vapor pressure over [vapor pressure at a temperature T] on one side and enthalpy of vaporization or sublimation times the quantity  $\left(\frac{1}{T} - \frac{1}{T_{\text{actual}}}\right)$  on the other).

answer:        Clausius-Clayperon equation

b) This chemical law describes the relationship between partial pressure of a gas and its corresponding liquid mole fraction when the liquid mole fraction is nearly equal to 1.

answer:        Raoult's Law

c) This chemical law describes the same relationship; however, it is only valid for more dilute systems in which the liquid mole fraction is close to zero.

answer:        Henry's Law

3. Name the countries in which these provincial divisions can be found, for 10 points each.

a) Mpumalanga, Natal, and Eastern Cape

answer: Republic of South Africa [or Republiek van Suid-Afrika]

b) Camagüey, Villa Clara, and Granma

answer: Republic of Cuba [or República de Cuba]

c) Styria, Burgenland, and Carinthia

answer: Republic of Austria [or Republik Österreich]

4. Name these leaders of the Prussian and German militaries, for 10 points each.

a) Chief of staff from 1858 to 1888, his strategy of quick mobilization led to victories against Denmark, Austria, and France.

answer: Helmuth (Karl Bernard) von Moltke

b) He developed a namesake plan for fighting France and Russia at the same time: an attack through Belgium in which “the last man on the right” would “brush the Channel with his sleeve.”

answer: Alfred, Graf von Schlieffen

c) This Prussian, the chief of staff and quartermaster general under Hindenburg, played a key role in Hindenburg’s victories and then took part in Hitler’s Beer Hall Putsch.

answer: Erich von Ludendorff

5. She was the wife of Amphion of Thebes, and was eventually turned to stone on Mount Sipylus in Lydia. For 10 points each, name:

a) This mythological woman, whose children were killed by Apollo and Artemis after she insulted a goddess.

answer: Niobe

b) This Titan, the mother of Apollo and Artemis, was insulted by Niobe, who bragged that her 12 children were more impressive than the Titan's two.

answer: Leto

c) Niobe was the daughter of this king, whose crimes against the gods led him to be trapped in Tartarus, unable to reach the fruit above him or to drink from the pool in which he stood.

answer: Tantalus

6. Name these biomolecules for 10 points each:

a) Like galactose and fructose, this molecule, with formula  $C_6H_{12}O_6$ , is a monosaccharide.

answer: glucose

b) This three-carbon ketoacid, which is the end product of glycolysis, may be oxidatively decarboxylated to acetyl-CoA in the mitochondrion.

answer: pyruvate

c) In the cytosol, pyruvate may be reduced to this molecule under anaerobic conditions. Strenuous physical activity may cause this substance to build up in the muscles, causing pain.

answer: lactate or lactic acid

7. Name these musicians who worked with producer Prince Paul for 10 points each.

a) Paul remixed tracks from this group's debut, *The Cactus Album*, into *Cactus Revisited*. Their third record, *Derelects of Dialect*, featured the track "Pop Goes the Weasel," which rips Vanilla Ice.

answer: 3rd Bass

b) Paul worked on *3 Feet High and Rising*, an album by this group which has also released the *Art Official Intelligence* trilogy and *Buhloone Mindstate*.

answer: De La Soul

c) Paul formed Gravediggaz with Stetasonic's Fruitkwan and this Wu-Tang Clan member, who also released the solo album *Bobby Digital in Stereo*.

answer: RZA [or The Abbott; or Prince Rakeem; or the Rzarector; or Bobby Steels; or Robert Diggs]

8. Name these English rebellions, for 10 points each.

a) Raised in 1381 against the poll tax, this revolt occupied London and killed high officials before William Walworth, the mayor of London, killed its leader.

answer: Peasants' Revolt [or Wat Tyler's Rebellion]

b) Named for its leader, a tanner from Norfolk, this 1549 uprising opposed enclosure and petitioned for clergy reform. It was ended at the Battle of Dussindale.

answer: Robert Kett's Rebellion

c) 3,000 men tried to convince the people of London to rise up against Mary I, when she married Philip II of Spain, in this 1553 rebellion—named for its leader, the son and namesake of the man who introduced the sonnet to England with the Earl of Surrey.

answer: Thomas Wyatt's Rebellion

9. It took 24 years to write, had over 2000 characters, and encompassed most of the novels of Honoré de Balzac. For 10 points each, name:

a) This collection of novels.

answer: The Human Comedy or La Comédie Humaine

b) The novel whose title character marries Cruchot de Bonfons but remains a virgin after her love for her cousin Charles goes unrequited.

answer: Eugenie Grandet

c) The novel whose title character gives up his money and his self-respect for his two spoiled and ungrateful daughters.

answer: Le Pere Goriot (or Father Goriot)

10. It recently voted to change its name to the African Union and eventually to introduce a currency called the “afro.” For 10 points each:

a) What is this organization, with 53 African nations as its members?

answer: the Organization of African Unity or OAU

b) The most ardent proponent of the idea of the African Union was this Libyan leader, who hopes to transform himself into Africa's elder statesman.

answer: Muammar al-Qaddafi or Gaddafi

c) In what city are the OAU headquarters located?

answer: Addis Ababa

11. Name these types of speciation for 10 points each.

a) In this type, genetic variation occurs due to geographic isolation.

answer: allopatric

b) This type occurs when a barrier to gene flow such as a rise in polyploidy occurs, leading to the rise of a new species in the same location as the ancestor.

answer: sympatric

c) Essentially a type of limited gene flow, this type of speciation involves breeding between populations which are not geographically isolated but which do not generally mingle, causing new species to arise by hybridization.

answer: parapatric

12. Answer the following about pan-Arab alliances for 10 points per part.

a) Existing in a practical sense from 1958 to 1961, but used as the formal name of Egypt until 1971, this state was formed by the union of Egypt and Syria.

answer: United Arab Republic or UAR

b) The United Arab Republic and this country were the only members of the alliance called the United Arab States.

answer: North Yemen

c) This 1971 agreement between Egypt, Syria, and Libya formed a Federation of Arab Republics committed to “democratic socialism” and a joint anti-Israeli military policy.

answer: Benghazi Agreement

13. Name these Latin American authors, for 10 points each.

a) This Chilean writer, the niece of a deposed president, is the author of *Of Love and Shadows* and *The House of the Spirits*.

answer: Isabel Allende

b) This Mexican diplomat and writer wrote *The Death of Artemio Cruz*, a stream-of-consciousness account of the death of a political boss, and *Old Gringo*, about Ambrose Bierce.

answer: Carlos Fuentes

c) This Peruvian, who lost a 1990 presidential campaign, is the author of *Aunt Julia and the Scriptwriter*.

answer: Mario Vargas Llosa

14. Given a composer, give the common nickname of his sixth symphony, for 10 points each.

a) Ludwig van Beethoven

answer: Pastoral

b) Franz Joseph Haydn

answer: Morning [or Le Matin]

c) Roy Harris

answer: Gettysburg Address

15. The four most populous cities in California are Los Angeles, San Diego, San Jose, and San Francisco. For 5 points each, name the next six.

answer: Long Beach, Fresno, Sacramento, Oakland, Santa Ana, Anaheim

16. Answer these questions about temperature scales, 5-10-15.

a) Because of redefinitions, the boiling point of water is actually 99.974 degrees on this scale.

answer: Celsius scale

b) The size of the Celsius degree is set by the temperature at which this condition exists for water, where the solid, liquid, and gaseous phases are all in equilibrium.

answer: Triple point

c) This scale has its zero at absolute zero; its degrees are the same size as Fahrenheit degrees.

answer: Rankine scale

17. Name these Supreme Court cases, for 10 points each.

a) The Supreme Court established the power of judicial review in this 1803 case, in which it struck down part of the Judiciary Act of 1789.

answer: Marbury v. Madison

b) The Supreme Court did not strike down another federal law until this 1857 case.

answer: Dred Scott v. Sandford

are found by Roland Mitchell, who begins an affair that resembles one of Ash's. For 10 points—name this Booker Prize-winning novel by A. S. Byatt.

answer: Possession: A Romance

16. This short piece features a prominent timpani part; near the end is a chromatic scale. It celebrates the execution of Giko, a lazy peasant, who is reported to the Soviets by his wife, the title character of the ballet in which this work appears. But it is more familiar from U.S. popular culture—for example, as the Masturbating Bear's theme song on the Conan O'Brien show. For 10 points—name this passage from the ballet *Gayane* by Aram Khachaturian.

answer: Sabre Dance

17. It has an area of 19.2 million acres—roughly the size of South Carolina—but interest in it centers on a coastal plain located north of the Brooks Range around Kaktovik. Known for its Dall sheep and caribou, it received a reprieve in April when the Senate rejected an amendment by Frank Murkowski and Ted Stevens to open it to oil drilling. For 10 points—name this Alaskan wilderness area at the center of an environmental controversy.

answer: Arctic National Wildlife Refuge or ANWR

18. It happens three times to the coal-oil mixture in the Bergius Process. Performed by Wilkinson's catalyst upon alkenes, it is also used to turn vegetable oil into margarine and fish oil into soap because, by definition, it increases saturation. For 10 points—name this process which breaks multiple bonds between carbon atoms and attaches each carbon atom to a hydrogen.

answer: hydrogenation

19. Part essay and part diary, it is divided into sections with names like “depressing things,” “things that give an unclean feeling,” and “things that are near though distant,” and it provides historians with valuable insights into Heian-era court politics. For 10 points—name this book by an 11<sup>th</sup>-century Japanese lady-in-waiting, Sei Shonagon, whose name comes from the habit of storing works of its genre near the head-rest of a bed.

answer: the Pillow Book or Makura no soshi

20. It was said that he changed his clothes four times a day and never wore the same garment twice after he took the throne in 1502. Trained as a priest, he tried to reform the calendar, warred with neighbors like the Tlaxcala, and died after being hit by a hail of stones while telling

his people to end a revolt. For 10 points—name this man who was emperor of the Aztecs at the arrival of Cortés.

answer: Montezuma II (or Motecuhzoma Xocoyotl)

c) This 1810 case represented the first time that the Supreme Court struck down a state law as unconstitutional.

answer: Fletcher v. Peck

18. Given its current WBA, WBC, and IBF champions, name the boxing weight class, for 10 points each.

a) Bruno Girard in the WBA; Roy Jones, Jr. in the WBC and IBF

answer: light heavyweight

b) Eidy Moya in the WBA; Veerapol Sahaprom in the WBC; Tim Austin in the IBF

answer: bantamweight

c) John Ruiz in the WBA; Lennox Lewis in the WBC and IBF

answer: heavyweight

19. Name the running mates of these presidential candidates, for 10 points each. Hint: they all came from the same state.

a) Walter Mondale, 1984

answer: Geraldine Ferraro

b) James Cox, Democrat, 1920

answer: Franklin Delano Roosevelt or FDR

c) Barry Goldwater, Republican, 1964

answer: William Miller

20. Given Shakespeare plays, name the fool or clown who appears in them, for 10 points each.

a) *Twelfth Night*

answer: Feste

b) *As You Like It*

answer: Touchstone

c) *The Merchant of Venice*

answer: Launcelot Gobbo