## TOSS-UPS-Chicago A

1) In the course of his adventures he kills three people- two of them Jesuits.In Lisbon, he is caught in a natural disaster and is latter flogged at an auto-da-fe. In South America, he discovers the city of Eldorado and acquires great riches, all of which he soon loses. For ten points, name this literary and operatic title character, who ends up cultivating a garden in Palestine along with Cacambo, Cunegonde and Pangloss.
-CANDIDE
2)He studied painting with the Pre-Raphaelite William Holman Hunt and zoology in Brazil with Louis Agassiz. In the essay "What is an Emotion?" he suggested that emotions do not cause behavior, but are rather collateral results of the same bodily reaction. For ten points identify this man who adopted from C.S. Pierce the term pragmatism to express his philosphy.
-William JAMES
3)For a quick ten points, Fenton, Shallow, Slender, Hugh Evans, Doctor Caius, Bardolph, Pistol, Nym, Mistress Ford, Mistress Page, and Mistress Quickly form part of the cast of which Shakespearean comedy, which had been written in response to the popularity of the history plays?

## -"THE MERRY WIVES OF WINDSOR"

4)He accompanied St. Paul and Barnabas on their first missionary journey, but incurred the displeasure of Paul and was not invited along for the second. Later, he became the secretary of Peter and travelled with him to Italy, where he eventually met his martyrdom by being dragged repeatedly over sharpened stones. The patron saint of Venice and cattle breeders, his symbol is a winged lion. FTP, name this Christian saint, who in the late 60s A.D. wrote the first of the four gospels.
-St. MARK
5)It was first encountered in the West by English cartographer Francis Guthrie in October, 1852. Guthrie's brother passed the question on to De Morgan, who passed it on to students and colleagues, and in 1878 Cayley publicized it in the Proceedings of the London Mathematical Society. After just one year, Kempe claimed to have proved it, but in 1890 Heawood found an error in Kempe's proof. For ten points, what theorem did Kenneth Appel and Wolfgang Haken allegedly prove in 1976, with the help of a computer calculation involving ten billion operations and taking 1200 hours?
-the FOUR-COLOR map theorem
6)It produced a sequel, Equality, which was published eleven years later in 1897 and which is considered more of a tract than a novel. The original book centers on young Julian West who
enters a hypnotic sleep and his views of society after he awakes. For ten points identify this book about a man who sleeps for 113 years, written by Edward Bellamy.
-LOOKING BACKWARD: 2000-1887.
7)The keeper of the tabernacle lamps, this Old Testament figure advised Barak to battle the Canaanites led by Sisera, and Barak did so, winning the Battle of Taanach. For ten points, name this subject of perhaps the oldest written passage in the Bible, Judges chapters 4 and 5, a prophetess and the only female judge.
-DEBORAH
Mine
8)There are two variants of the fat-moving molecule apolipoprotein-E: apoE3, and apoE4. Allan Roses of Duke University recently discovered that people inheriting two copies of the apoE4-producing gene are eight times more likely to get this disease which was first identified in 1912. For ten points, name this disease in which plaque composed of beta-amyloid peptide collects in the brains of its elderly victims.
-ALZHEIMER's Disease
$m^{\text {h 9)A member of the group known as the "Nine Worthies of Cockloft Hall," while travelling in }}$ Europe during the 1820 's he is supposed to have had an affair with Mary Wollstonecraft Shelley. A prolific writer, his lesser-known pseudonyms include Jonathon Oldstyle, Launcelot Langstaff, and Geoffrey Crayon. FTP, name this man who wrote his "History of New York" under the pseudonym of Diedrich Knickerbocker.
-Washington IRVING
10) Cassini determines the rotations of Jupiter, Mars, and Venus, while Grimaldi explains the refraction of light. Moliere pens his Don Juan, and Racine his Alexandre le Grand. Bunyan writes The Holy City. Fermat dies, and the Great Plague of London sends Newton out to pasture, where he invents the differential calculus and experiments on gravitation. FTP, name the year, which immediately preceded the more famous "Annus Mirabilus" of John Dryden.
$-1665$
11)We expect that you know the subject of Whistler's painting "Arrangement in Grey and Black No. 1," but can you name the subject of Arrangement in Grey and Black No. 2? This man was an romantic English essayist, historian and novelist, best known for his attacks on materialism and democracy. For ten points identify this author of "The French Revolution" and "Sartor Resartus."
-Thomas CARLYLE
A 12)When he came to the throne in 1820 after years of acting as regent for his insane father, his first act was to institute divorce proceedings against his estranged wife, Caroline of Brunswick. Public outcry over the divorce forced him to stop it. For ten points identify this

King of England whose reign also saw the end of Tory power in the Parliment and who was succeeded by his brother William IV.
-GEORGE IV
13)For a quick ten points, the name's the same: an island in the Indian ocean 80 miles southeast of Dar es Salaam which was an important base during the era of the Arab slave trade, and a hierarchically-structured secret organization nearly wiped out by Mussolini in the 1920's which in the U.S. also goes by the name of Cosa Nostra.
-MAFIA
14)He is portrayed by ancient historians as a cruel tyrant who murdered his predecessor and father-in-law and terrorized the Senate and the people before being overthrown by his nephew in a rebellion which started when his son raped the virtuous noblewoman Lucretia. More likely, however, this king fled after being defeated by Porsenna of Clusium, and when Porsenna was driven out by the Latins, they did not invite the king back. For ten points, name this last Etruscan king of Rome.
-Lucius TARQUINUS Superbus (accept: TARQUIN the proud)
Jason 15)In April 1993, she briefly reappeared in the news when she married Danny Sugerman, a former member of the Doors. Currently working as a free-lance television journalist, she rose to public notoriety in 1986 while employed at the Pentagon as a clerical worker and shredding-machine operator. FTP, name this figure of the Iran-Contra investigation, and former secretary of Oliver North.
-Fawn HALL
J川?
16) It became the target of an obscenity investigation by the FCC in 1963, although the agency soon dropped its probe because none of the commissioners could understand a word of it. Written originally as a calypso blues song by Richard Berry in 1956, it was re-recorded in 1962 by the Kingsmen, in a studio so primitive that the voice of the lead singer was made almost totally unintelligible, leading to much later speculation about what (presumably dirty) messages were being sung. FTP, name this rock classic, whose lyrics are actually the rather tame and banal lament of a sailor hoping to return home.
-"LOUIE, LOUIE"
17)One legend had it that he ended his days as a blind beggar in the streets of Constantinople. According to Procopius, he was deliberately ruined by a jealous Justinian and Theodora with the help of his own scheming and unfaithful wife, Antonina. Once the richest man in the Roman Empire, he was also one of history's greatest conquerors. FTP, name this 6th-century general, whose armies recovered for Rome all of North Africa and most of Italy.
-BELISARIUS
18)Born in the village of Gaiesti, Romania, as a child he wanted to become an accordion player, but was forced to switch instruments because of a general shortage of accordion teachers in that part of the world. The composer of the soundtracks for "The Karate Kid" parts II and III as well as for the Venezuelan soap opera "Ciao Christiana," he has also devoted himself to musical education, hoping to promote a general revival for his instrument. Most of the time, however, he can be seen on late-night UHF stations selling his recordings, which can only be ordered via special TV offers. FTP, name this master of the Pan flute.

## -ZAMFIR

19)Joan Didion's book "Slouching Toward Bethlehem" and Chinua Achebe's "Things Fall Apart" have at least one thing in common-their titles are taken from the same poem by W.B. Yeats. FTP, name this poem, which also contains the line "the center cannot hold."
-"The SECOND COMING."
20) He was apprenticed to a bookbinder. He read the science books brought in for binding, and went on to create the first compounds of chlorine and carbon as well as to isolate benzene. But he is better known for his electric dynamo of 1831 . For ten points, name this Englishman considered by some to be Humphrey Davy's greatest discovery.
-Michael FARADAY
21) Its president is Isaias Afewerki, it has a population of slightly over three million, it is bordered by Sudan, Djibouti, the Red Sea, and Ethiopia. FTP, name the world's newest nation, which became independent on May 3, 1993.

## -ERITREA

22)Pope from 1644 to 1655 , he seems to have been something of a kleptomaniac, with an especial habit of taking books from the homes of people he visited on religious business. During his pontificate, the church was dominated by his sister-in-law, whose fiscal irresponsibility nearly brought the church to collapse, and he himself is remembered primarily for initiating the Jansenist controversey. His most lasting contribution to world culture, however, was to have his portrait painted in 1650 . The resulting painting not only became a masterpiece of a 17 th-century Spanish painter, but later was used as part of the most famous painting by a 20th-century British artist. FTP, name this pope, the subject of works by Velasquez and Francis Bacon.

## -INNOCENT X

23)Named after the architect of the Montreal Canadiens' dynasty of the 1950s, this award is given to the NHL "forward who best excels in the defensive aspects of the game." For ten points, name this trophy won by Toronto's Doug Gilmore in 1993.
-The SELKE Award

Site of the archeological sites of Mitla and Monte Alban, this state is the most purely Indian of all Mexican states, and it was the birthplace of Benito Juarez. For ten points, name this southern state which shares the Gulf of Tehuantepec with Chiapas.
-OAXACA (waa-HAA-kaa)
25)Robinson, Kaldor, Pigou, Marshall, and Keynes are some of the members of this school of economics which favors a macroeconomic approach, as opposed to the neo-classicists. For ten points, name this school which has attempted to develop a growth theory assuming full employment, and which is named for an English university.

## - The CAMBRIDGE School

26)In 1885 he attached his modified engine to a bicycle making the first motorcycle. A student of Otto, he developed the first high speed engine, making it lighter and more efficient. For ten points identify this German inventor whose motor company produced the first Mercedes in 1890, named in honor of the banker's daughter who had given him the money to start the company.

## -Gottlieb DAIMLER

27)One of the less inane lines in Terminator 2 was the chestnut "there is no fate but what we make," probably because it came from the original. In any case, this line was probably inspired by the final lines of this poem, written while its author was in a tuberculosis sanitorium. These lines read "It matters not how strait the gate/ How charged with punishment the scroll/ I am the master of my fate/ I am the captain of my soul." Name this poem by William Henley, which takes its title from the Latin for "unconquered."
-"INVICTUS"
28)Early in the 19th century, on a plantation on the Brazilian coast, one seed gave rise to one tree with aberrant flowers, parts of which aborted and gave rise to seedless fruit. This well-known fruit can thus only be propagated asexually, through bud grafting. For ten points, name this type of orange, the only type not grown from seed.
-NAVEL Orange (if orange is given early on, ask for more specific)
29)He had to interrupt his career in 1874 because of tuberculosis, and he eventually retired to the island of Madeira, dying there in 1888. In his doctoral dissertation of 1869, he prepared the first careful description of a certain human organ, including the discovery of numerous groups of cells which differed from those cells in the body of the organ. For ten points, name this German physician who studied the pancreas and namesake of anatomical islands.
-Paul LANGERHANS

## Chicago a

## BONI

1)(30) Rarely have college football programs won two undisputed national titles in a row. If you can identify these universities from the consecutive years they won the title, you'll get ten points; if you need the coach and the conference, you'll get five points.
a) 10: 1955-56

5: Bud Wilkinson, Big 8
OKLAHOMA
b) 10: 1944-45

5: Red Blaik, Independent
ARMY
c) 10:1940-41

5: Bernie Bierman, Big 10 MINNESOTA
2)[30] Identify the author from his works, 30-20-10.

30-"The Inheritors," "Rites of Passage."
20-"The Paper Men," "Pincher Martin."
10-"The Lord of the Flies."

## -William GOLDING

3)(30) Answer these pre-Spanish Civil War questions for 10 points each.
a) He was King of Spain before leaving the country, without abdicating, in 1931.
b) This general took over in a military coup in 1923 to quell an outbreak of nationalism in Catalonia. He led Spain as a dictator until 1930.
c) This single-chamber parliament was set up by the constitution of 1931 and was dissolved shortly before war broke out in 1936.

ALFONSO XIII, Miguel PRIMO DE RIVERA, and the CORTES
4)[30] Identify the american author on a 30-20-10 basis from works.

30: Burning Daylight, The Strength of the Strong and The Abysmal Brute.
20: The Iron Heel and Jerry of the Islands.
10: The Son of the Wolf and The Sea Wolf.

## Answer: Jack LONDON

5) [30] Identify the following operas on a 10-5 basis. You will be given 10 points if you can identify it from a plot summary alone, 5 points if you need the name of its composer.
a-Plot: The leader of a troupe of wandering actors, tormented by suspicions of his wife's infidelity, kills his wife and lover onstage during a performance.

Composer: Ruggerio Leoncavallo
b-Plot: Citizens of the fictional country of Ponteverdia attempt to keep the wealthiest woman in the country from marrying a foriegner, fearing that their nation will thus lose the bulk of its wealth.

Composer: Franz Lehar
c-Plot: Tormented by the abuses of his Captain and the sadistic medical experiments of a mad scientist, a hapless soldier kills his mistress, then drowns himself.

Composer: Alban Berg
a-I PAGLIACCI
b-The MERRY WIDOW
c-WOZZECK
10)[30] Time now to remember those exciting days, the 1980s. For ten points each, identify the following individuals who enjoyed very ephemeral moments of fame during that magic decade.
a-This elderly, deaf actress singlehandedly propelled Wendy's to the forefront of the fast food wars, and indirectly helped Walter Mondale win the 1984 presidential nomination, by her stirring rendition of the line "Where's the beef?"
b-This Georgian entrepeneur came upon the idea of creating the soft-sculpture dolls called Cabbage Patch Kids. By 1988, his company had collapsed, along with his plans for Cabbage Patch theme parks and movie studios.
c-Finally, this New Jersey man was estimated at having weighed well over a thousand pounds when he was discovered in 1987. He went on a crash diet, lost over 500 pounds, and took a walk outside his home for the first time in 17 years. By 1991, however, he had gained back all of the weight and died shortly thereafter of the flu.

7)(30) 30-20-10, name the present-day country.

30: In 1774, a Polish adventurer by the name of Benyowski was given a commission to set up a French colony on the Gulf of Antongil. He asked for formal protection by France in 1776, but was refused. After this, he went to the U.S.,' where he received a subsidy which he used to rule over his subjects until being slain by the French in 1787.

20: The main ethnicity is Hova, a tribe descended from the Melanesians. Rulers of this island in the 19th century include Adrianampoinmerina, Rodama I and II, and Ranavalona I and II.

10: The capital is Antananarivo.
-MADAGASCAR
8(30) 4) Given a short description, name the Eugene O'Neill play, for ten points each.
a) A stream-of-conciousness play in nine acts, it won the Pulitzer Prize in 1928 and features the emotional and sexual struggles of Nina Leeds.
b) This play includes the characters Ephraim Cabot and his new young wife Abbie, who seduces Ephraim's youngest son Eben.
c) This 1931 trilogy is based on the "Oresteia" of Aeschylus.

## STRANGE TNTERLUDE, DESIRE UNDER THE ELMS, and MOURNING BECOMES ELECTRA

9)(30) I'll name a geographic feature, and you will tell me which state or territory of Australia that it's in, for five points each.
a) Ayer's Rock

NORTHERN TERRITORY
b) Cape York Peninsula
c) Mt. Kosciusko

QUEENSLAND
d) Amhem Land

## NEW SOUTH WALES

NORTHERN TERRITORY
e) The Great Sandy Desert

WESTERN AUSTRALIA
f) The mouth of the Murray River SOUTH AUSTRALIA
10)[30] For the stated number of points, given the cast and director of a classic movie, identify it. If you need a hint- all of the movies in this question were released in the same year.

For five points: Director-Blake Edwards; Cast- Audrey Hepburn, George Peppard, Mickey Rooney.
-BREAKFAST AT TIFFANY'S
10: Director- J. Lee Thompson; Cast- Gregory Peck, Anthony Quinn, Stanley Baker. -THE GUNS OF NAVARONE

15: Director- Vittorio De Sica; Cast- Sophia Loren, Elenora Brown.
-TWO WOMEN
11)[30] John Major is currently the prime minister of the United Kingdom, and Margaret Thatcher was his immediate predecessor. For five points each and a maximum of thirty, name (in any order) the six PMs immediately before Thatcher.
-Anthony EDEN
-Harold MACMILLAN
-Alec DOUGLAS-HOME (pron. Hume)
-Harold WILSON
-Edward HEATH
-James CALLAGHAN
12(30) Can you keep those pesky World War I poets apart in your mind? Let's find out, for ten points each.
a) Killed one week before the Armistice, he wrote "Dulce et Decorum Est" and the lines "My subject is War, and the pity of War. The Poetry is the Pity."
b) This man encouraged Wilfred Owen to write, while both were holed up in the same military hospital. He lived to publish "Counter-Attack and other Poems" and "The Memoirs of George Sherston".
c) This man died of septicaemia while in the service in 1915. He wrote the series of sonnets "1914" and the works "Heaven" and "Dust".

Wilfred OXNEN, Siegfried SASSOON, and Rupert BROOKE
13)[30]When Mendeleyev first postulated his periodic table he left three blanks to represent elements that had not been discovered. Shortly afterwards these elements were discovered, confirming his theories. Given the name Mendeleyev gave to the missing element, the scientist who discovered it and the atomic number, identify these elements for ten points apiece. Hint: All the names are "geographic" in origin.

1. Eka-silicon, Winkler, 32.

Ans: GERMANIUM
2. Eka-aluminum, Boisbaudran, 31.

Ans: GALLIUM
3. Eka-boron, Nilson. 21.

Ans: SCANDIUM
14)[30]Identify the american historical figure on a $30-20-10$ basis.

30: His father was captain of the cavalry under Francis Marion during the Revolutionary War. He spent his early years under the command of David Porter.
20: At the beginning of the Civil War he was not given a commission because of suspected Confederate ties. He was eventually given command of the West Gulf Blockading Squadron. 10: He helped in the capture of the cities of New Orleans and Vicksburg by bringing flotilla up the Mississippi. He is most famous for his capture of Mobile Bay in 1864. Answer: David FARRAGUT
15)[30] Identify these leaders of the floor of the U.S. Senate given their years as majority of minority leadership, their state, and their party, for ten points apiece.

1. Majority leader 1937-46 minority leader 1947-48, Democrat from Kentucky.

Ans: 'Alben BARKLEY/'
2. Majority leader 1925-1929, Republican from Kansas.

Ans: Charles CURTIS
3. Minority leader 1953-54, majority leader 1955-60, Democrat from Texas. Ans: Lyndon Baines JOHNSON
16)[30]For ten points each, name these dead white males from medieval European science.
a-He established that the earth is a magnet, and in his De magnete provided a methodical experimental study of the electrical and magnetic properties of a range of bodies.
b-He introduced logarithms as a computational tool.
c-He blended reason, comparative observation, and active experimentation to demonstrate the circulation of the blood in his Exercitatio anatomica de motu cordis et sanguinis in animalibus.
-William GILBERT
-John NAPIER
-William HARVEY
17)[20] You may listen to Billy Joel or U2, or maybe even Mozart, Liszt, or even Reich. But if you're like most College Bowlers, you don't listen to the sweet sounds of jazz. Redeem yourselves by naming the primary instrument of the following noted jazz artists.
a-Dave Brubeck b-Herbie Mann c-Sonny Rollins d-Buddy DeFranco

## A-PIANO B-FLUTE C-TENOR SAXOPHONE D-CLARINET

18)[30] For ten points each, Answer the following questions concerning the first ministry of Francesco Crispi from 1887-1891 in Italy.

1. Who was then the king of Italy?
-HUMBERT II (accept Umberto)
2. In a direct attack on papal authority Crispi had erected a statue to a Renaisance thinker who was burned at the stake for the idea of other worlds and universes. Who was he? -Giordano BRUNO
3. The Treaty of Ucciali was signed with this individual making him king of kings of Ethiopia. Who was he?

## -MENELIK II

19(30) For ten points each, name these women of film.
a) A graduate of the University of Chicago Lab School and Northwestern, she was in charge of the production of "The China Syndrome" and "Kramer vs. Kramer" before becoming head of the feature-film division of 20th-Century Fox in 1980.
b) This Italian won the award for best director at Cannes in 1972 for "The Seduction of Mimi", and is most well-known in the U.S. for her "Seven Beauties".
c) This famous film critic got sacked from McCalls for a harsh review of "The Sound of Music" before settling in at The New Yorker and several books of film criticism.

Sherry LANSING, Lena WERTMULLER, and Pauline KAEL
20)[25] Hinduism enumerates four basic "ends of man". Name them from brief descriptions for 5 points each, with a five point bonus for all four.

1. religious duty

DHARMA
2. earthly, political or economic gain
3. physical pleasure and happiness

ARTHA
4. spiritual liberation; known to the Buddhists MOKSHA as nirvana
21)[30] Identify the sculptors of these 20th century sculptures for ten points apiece. You will be provided the country of birth of the sculptor for five points if you don't know it after the work.

1. a) Interior and Exterior Reclining Figure
b) England.

Ans: Henry MOORE
2. a) Mademoiselle Pogany
b) Romania. Ans: Constantin BRANCUSI
3. a) Unique Forms of Continuity in Space
b) Italy. Ans: Umberto BOCCIONI

22(30) Identify the biological terms from descriptions for five points each. All begin with the letter R .
a) A sugar of chemical formula C_5 H_10 O_5. RIBOSE
b) An underground stem (not a root) which runs horizontally. RHIZOME
c) An herbivorous cud-chewer with a four compartment stomach. RUMINANT
d) Animal phyla with radial symmetry throughout their developmental and evolutionary history.

RADIATA
e) The gain of electrons. REDUCTION
f) Adjective from the Latin for kidneys. RENAL
23)[30] Order these inventions chronologically, 5 points each.

1. modern safety pin 2 . modern (plastic) hula-hoop 3. chair
2. elevator 5 . rubber band 6 . brassiere

In order: CHAIR; ELEVATOR (King Louis XV's Flying Chair, 1743);
RUBBER BAND (Stephen Perry, 1845); SAFETY PIN (Walter Hunt, 1849);
BRASSIERE (Mary Phelps Jacobs, 1914); HULA-HOOP (Richard Knerr and "Spud" Melvin, 1950s)
24)[30] Name these American cities from their nicknames, 5 points each.

1. "Pittsburgh of the South"
2. "Rubber Capital of the World"
3. "Pretzel City"
4. "Insurance City"
5. "Cement City"
6. "Celery City"

BIRMINGHAM (Alabama)
AKRON (Ohio)
READING (Penna.)
HARTFORD (Conn.)
ALLENTOWN (Penna.)
KALAMAZOO (Michigan)
25)[30] Here's a math bonus. Don't worry, it's not too hard- it deals only with the basics. The Fundamental Theorems, to be specific. For ten points each, give a short statment of:

1. the Fundamental Theorem of Arithmetic
2. the Fundamental Theorem of Algebra
3. the Fundamental Theorem of Calculus
4. All numbers can be factored uniquely as a product of primes
5. A polynomial with real coefficients of degree $n$ has $n$ roots in the complex numbers
6. The derivative of the indefinite integral of a function is equal to the function
