

MIT's Beaver Bonspiel 5 - Oct. 24, 1998

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TOSSUPS

TOSSUP 1

The only military actions taken during his reign were to repel the Welsh and to assist Malcolm the Third of Scotland against MacBeth. The son of Ethelred The Unready and Emma, he succeeded his half-brother Hardecanute in 1042. With no heir, he promised the throne to William of Normandy, but recanted on his deathbed. Canonized in 1161--FTP--what English monarch had the change of heart that led to the Norman invasion?

ANSWER: \_EDWARD THE CONFESSOR\_

TOSSUP 2

Its preface states that "the United States themselves are essentially the greatest poem." First published in 1855, it was revised and augmented every few years until the poet's 1892 death. Its first edition contained twelve untitled poems, the longest of which became known as "Song of Myself." FTP--name this Walt Whitman anthology, an excellent gift.

ANSWER: \_LEAVES OF GRASS\_

TOSSUP 3

It consists of both a helical chain and a ring complex made with a porphyrin compound and iron. Its production requires vitamin B-12, folic acid and iron. Produced in the bone marrow and broken down by the spleen, it transports nitric oxide through the body. FTP--name this red-pigmented protein.

ANSWER: \_HEMOGLOBIN\_

TOSSUP 4

The Art Institute of Chicago awarded this painting a prize at its 1930 exhibition, then bought it for \$300. The artist's 30-year-old sister, Nan, and his 62-year-old dentist, Dr. B. H. McKeeby, posed in front of a house in rural Iowa. A pitchfork is the defining prop of--FTP--what Grant Wood masterpiece?

ANSWER: \_AMERICAN GOTHIC\_

TOSSUP 5

A mold or die; The principle metal in an alloy; The womb; A binding substance; The network of intersections between input and output leads, and; The solid matter surrounding a fossil or crystal. FTP, what six-letter word describes all of these things, as well as a rectangular array of numbers?

ANSWER: \_MATRIX\_

TOSSUP 6

Born and raised near Worcester [WOO-ster], England, he did much of his learning in his father's music store. His works "The Apostles", "The Kingdom" and "The Dream of Gerontius" represent the apex of the British oratorio. Rising to prominence in 1899 with "The Enigma Variations"--FTP--who composed the commencement staple, "Pomp and Circumstance"?

ANSWER: \_EDWARD \_ELGAR\_

TOSSUP 7

In classical mythology he personified the morning star, the planet Venus at daybreak. In art he bears a torch; appropriate since his name means "light bearer" in Latin. The only biblical use of the name is in Isaiah and refers to the meteoric fall of the King of Babylon. FTP--whom does Dante's \_Inferno\_ place as ruler of hell?

ANSWER: \_LUCIFER\_ [do not accept Satan, etc.]

TOSSUP 8

This daughter of Hyperion and Thia bore 53 daughters of her own, as well as one son, Narcissus. She fell in love with the handsome shepherd Endymion, lulling him into eternal sleep so that he could never leave her and would remain ageless and deathless. The sister of Eos and twin of Helios--FTP--name this Greek goddess of the moon.

ANSWER: \_SELENE\_

TOSSUP 9

It has existed in some form since about 3000 BC. James Legge produced the first English translation of it in the 1880s as part of his \_Sacred Books of the East\_. Consisting of 64 six-line hexagrams and explanations of their meaning--FTP--what Taoist divination and philosophy text is often called the Book of Change?

ANSWER: \_I CHING\_ (prompt on "Book of Change")

TOSSUP 10

They were the first act to release an album from the reactivated Monument Records, part of Sony Music Nashville. Natalie Maines sings lead vocal; Emily Erwin plays dobro and guitar; and Martie Seidel plays fiddle and mandolin. Their debut album, \_Wide Open Spaces\_, hit #2 on the Top Country Albums chart. FTP--what all-girl Texas band had hits with "I Can Love You Better" and "There's Your Trouble"?

ANSWER: \_DIXIE CHICKS\_

TOSSUP 11

In December 1997, Secretary of State Madeleine Albright praised this central African nation as a "beacon of hope". Under President Yoweri Museveni [yo-WHERE-ee moos-VEN-ee], it has seen strong economic growth, an independent press and success in enfranchising women, a far cry from dictatorship by an alleged cannibal. FTP-- name this nation that was ruled from 1971 to 1979 by Idi Amin.

ANSWER: \_UGANDA\_

TOSSUP 12

Although its purpose was to prepare for war against the French by shoring up the relationship between Iroquois Indians and the colonies, it is better known for Benjamin Franklin's proposition that the colonies form a self-governing federation under his Plan of Union. FTP--what 1754 Congress took its name from a city in New York?

ANSWER: \_ALBANY\_ Congress

TOSSUP 13

This king, whose name translates to "ruler over heroes," put down revolts in Egypt and Babylon, where he razed the walls and plundered the city. He invaded Greece but was defeated at the Battle of Salamis in 480 B.C. His mother, Atossa, was daughter of Cyrus the Great. FTP--what Persian, son of Darius the First, ruled from 486 to 465?

ANSWER: \_XERXES\_ [ZURK-sees] the First

TOSSUP 14

Minor characters include Lord Byron, Jacques Casanova and Don Quixote. The protagonist, Kilroy, is a lightweight boxing champion with "a heart the size of a baby's head." The dried-up fountain in the middle of the title village represents the hopelessness of a place where money has destroyed sincerity, love and kindness. The title of--FTP--what 1953 Tennessee Williams play is Spanish for "royal road"?

ANSWER: \_CAMINO REAL\_ [ca-MEE-no ray-AL]

TOSSUP 15

Its diameter is about 75 thousand miles and its volume would enclose almost 800 earth-sized bodies. An internal rotation period of less than 11 hours accounts for its oblate shape and equatorial bulge. Its Great White Spot can be seen from earth every 30 years but Galileo was the first to notice its best known feature. FTP--name this gaseous, ringed planet.

ANSWER: \_SATURN\_

TOSSUP 16

It is only the 77th most abundant element in the Earth's crust, but its presence is evidence of a meteor that may have wiped out the dinosaurs. Discovered in 1804 by Smithson Tennant, its atomic number is also 77. Contrary to recent ads--FTP--what element does NOT have six dots shaped like the big dipper as its chemical symbol?

ANSWER: \_IR\_idium

TOSSUP 17

This Austrian physician, educated at Vienna University, coined the phrase "animal magnetism," believing it to exercise incredible power over the human body. In 1785 the French government reviewed his treatment of neurotic patients, often with iron magnets, and found his methods questionable. FTP--for whom was a synonym of hypnotism coined?

ANSWER: Franz Friedrich Anton \_MESMER\_

TOSSUP 18

Johannes Rebmann and Ludwig Krapf discovered it in 1848. A ridge connects its two peaks, the Mawenzi and the Kibo. Coffee plantations and members of the Masai inhabit its lower part. Snow covers--FTP--what inactive volcano on the plains of northeast Tanzania?

ANSWER: \_KILIMANJARO\_

TOSSUP 19

The president and CEO of Touchdown Products, a health-food company, he has his own beverage, Pro Flow 100% Natural Spring Water. Briefly a Denver Bronco before his 1988 retirement, he is fourth on the NFL's career rushing list with 13,259 yards. A 1976 Heisman Trophy winner at Pitt--for 10 points--name this longtime Dallas Cowboy.

ANSWER: Tony \_DORSETT\_

TOSSUP 20

A police officer may cross jurisdictional lines to arrest, or make a warrantless search of, a fleeing suspect. Any person may use reasonable force to retake property that has just been taken. When preceded by "fresh" or "hot"--FTP--what seven-letter word refers to this legal situation?

ANSWER: \_PURSUIT\_

TOSSUP 21

He built his estate, Seawood, in Kennebunkport, Maine, but this writer was a Hoosier at heart. "The Gentleman From Indiana", his first novel, was published four years before his election to Indiana's General Assembly. A book of memoirs entitled "The World Does Not Move"; and the novels "Clarence", "Monsieur Beaucaire", and "Alice Adams"; are all by--for 10 points--what author of "The Magnificent Ambersons"?

ANSWER: (Newton) Booth \_TARKINGTON\_

TOSSUP 22

First used to describe the diffraction of light, this function has more recently been applied to highway design. Its namesake, a French physicist, rejected the Newtonian view that light consists of particles and established the wave theory. FTP--name the integral from zero to x of the sine of pi times t squared over two.

ANSWER: \_FRESNEL\_ integral

BONI

BONUS 1

Name these types of lizard FTP each.

A. In Greek and Roman myth, they were serpents with the head and wings of a cock and the tail of a dragon; their glance could kill. Found in Central and South America, they can run across water.

ANSWER: \_BASILISK\_

B. In response to light, heat and other stimuli they can change color.

ANSWER: \_CHAMELEON\_

C. Living only near Indonesia, they can have an average length of over ten feet and average weight of over 300 pounds.

ANSWER: \_KOMODO\_ dragon

BONUS 2

How well do you remember your college bowl road trips? FTP each, name these bridges and tunnels you might take in and around New York City.

A. Heading down I-95 through the Bronx, you cross the Henry Hudson Bridge and end up in Manhattan. Somewhere near 178th street, you head west on this bridge to get to the Taconic State Parkway.

ANSWER: The \_GEORGE WASHINGTON\_ Bridge or \_GWB\_

B. If you miss the turn for the GWB, your next opportunity to get to New Jersey is this tunnel, part of I-495, situated between 39th and 40th streets.

ANSWER: \_LINCOLN\_ Tunnel

C. To save some cash you fly a puddle jumper into LaGuardia Airport. You jump in the rental van and make your way to this toll-free bridge that connects Long Island, Roosevelt Island, and Manhattan Island, dropping you in Midtown Manhattan.

ANSWER: \_QUEENSBORO\_ Bridge or \_59th STREET\_ Bridge

BONUS 3

Answer the following about the ballet \_The Sleeping Beauty\_ for the stated number of points.

A. For 5 points--who composed the music?

ANSWER: Peter Ilich \_TCHAIKOVSKY\_ [chy-KOW-skee]

B. It premiered on January 15, 1890, at the Theater Maryinsky in--for 10 points--what city?

ANSWER: \_SAINT PETERSBURG\_ (do NOT accept Leningrad)

C. For 15 points--who danced the role of Aurora when it premiered at the Royal Opera House by the English national Ballet in 1946?

ANSWER: Dame Margot \_FONTEYN\_

BONUS 4

Identify the following from Japanese history for the stated number of points.

A. Meaning "enlightened government"--for 5 points--this period began when the Tokugawa shogunate collapsed in 1868 and lasted until 1912.

ANSWER: \_MEIJI\_ [MAY-jee] Restoration

B. Under the Tokugawa shogunate--FTP--these provincial lords collected taxes and were responsible for law enforcement. The shoguns frequently interfered in their affairs.

ANSWER: \_DAIMYO\_ [DIME-yo]

C. After his victory in the Genpei War--for 15 points--this first shogun made Kamakura the national capital in 1192.

ANSWER: Minamoto \_YORITOMO\_

BONUS 5

Identify the following about E. L. Doctorow books FTP each.

A. His 1971 novel, \_The Book of Daniel\_, was based on the execution of this couple.

ANSWER: Julius and Ethel \_ROSENBERG\_

B. This 1986 novel won the American Book Award, four years after its namesake was held in Knoxville, Tennessee.

ANSWER: \_WORLD'S FAIR\_

C. Sharing its name with a musical genre, this 1975 novel centered on the black piano player Coalhouse Walker.

ANSWER: \_RAGTIME\_

BONUS 6

In September 1998, a cabinet minister pled not guilty to nine counts of corruption and sexual misconduct, including one of criminal sodomy. His country's newspapers printed photos of him in court with a black eye, allegedly after police beat him. FTP each:

A. In what Asian nation did this political drama unfold?

ANSWER: \_MALAYSIA\_

B. Name the defendant.

ANSWER: \_ANWAR\_ Ibrahim

C. Name the Prime Minister who accused Anwar of trying to incite Indonesia-style rioting in Malaysia.

ANSWER: \_MAHATHIR\_ Muhammad

BONUS 7

The works "Being and Time" and "Being and Nothingness" are often confused with each other.

A. For 5 points--who wrote "Being and Time"?

ANSWER: Martin \_HEIDEGGER\_

B. For 5 points--who wrote "Being and Nothingness"?

ANSWER: Jean-Paul \_SARTRE\_

C. FTP--what philosophical approach, concerned with the meaning of appearances, figures into both works?

ANSWER: \_PHENOMENOLOGY\_

D. FTP--what 19th century German, author of "The Philosophy of Arithmetic", founded phenomenology?

ANSWER: Edmund \_HUSSERL\_

BONUS 8

Despite the lockout, many NBA teams have changed head coaches in the off-season. FTP each:

A. The Seattle SuperSonics replaced George Karl with this five-time All-Star, who took the Phoenix Suns to the NBA Finals as both a player and a coach.

ANSWER: Paul \_WESTPHAL\_ [WEST-fall]

B. George Karl didn't have to wait long to find a new job. He now coaches this team, which fired Chris Ford after an injury-riddled '98 season.

ANSWER: \_MILWAUKEE\_ or \_BUCKS\_

C. After posting the second-worst season record in league history, the Denver Nuggets fired coach Bill Hanzlik. This successor coached for seven years in Italy, winning the 1997 Serie A title with Benetton Treviso.

ANSWER: Mike \_D'ANTONI\_

BONUS 9

King Charles the Sixth died in 1740 without a male heir, threatening to extinguish his dynastic house. FTP each, name:

A. The royal line of Charles the Sixth.

ANSWER: \_HAPSBURG\_

B. The decree Charles issued shortly before his death, making his daughter his heir.

ANSWER: The \_PRAGMATIC SANCTION\_

C. His daughter, who defeated France, Spain and Prussia in the War of Austrian Succession and ruled until 1780.

Answer: \_MARIA THERESA\_

BONUS 10

FTP each, answer these questions about the first lead movie role of Julie Andrews.

A. What was her first lead movie role?

ANSWER: \_MARY POPPINS\_

B. Mary Poppins won five Academy Awards, including Best Song. What song won the award?

ANSWER: \_CHIM CHIM CHER-EE\_

C. Better known for his TV roles, who sang the Oscar-winning "Chim Chim Cher-ee"?

ANSWER: Dick \_VAN DYKE\_

BONUS 11

Answer these questions about the Haber Process for the stated number of points.

A. For 5 points--what compound does it produce?

ANSWER: \_AMMONIA\_

B. FTP--within two, in what year did Fritz Haber win the Nobel Prize in chemistry for his discovery?

ANSWER: \_1918\_ (accept: 1916-1920)

C. For 15 points--to the nearest whole number and assuming 100% efficiency, how many grams of ammonia can be made from the Haber Process using 6 grams of Hydrogen plus the right amount of Nitrogen?

ANSWER: \_THIRTY-FOUR\_ (34)

[By the Haber Process,  $3H_2 + N_2 \rightarrow 2NH_3$ . Hydrogen has an atomic weight of 1; Nitrogen has an atomic weight of 14.]

BONUS 12

Name these Thomas Hardy novels FTP each.

A. Set in Shaston, this 1895 work is the only one of Hardy's major novels that does not take place in South Wessex.

ANSWER: \_JUDE THE OBSCURE\_

B. This 1874 work depicts Bathsheba Everdene and the three very different men who pursue her.

ANSWER: \_FAR FROM THE MADDING CROWD\_

C. This 1878 work opens with a chance open-road encounter by Diggory Venn, the reddleman, with the caravan containing his beloved.

ANSWER: The \_RETURN OF THE NATIVE\_

BONUS 13

Identify the following about the French play Le Tartuffe [LAY tar-TOOF] FTP each.

A. The year, within 25 years, in which it was first produced.

ANSWER: \_1664\_ (accept: 1639-1689)

B. Its author.

ANSWER: \_MOLIERE\_ (or Jean Baptiste Poquelin)

C. The man who welcomes the title character into his home until the title character tries to seduce his wife.

ANSWER: \_ORGON\_

## BONUS 14

Germany's Bundestag elections took place on September 27, 1998 and, for the first time since World War II, a sitting chancellor was voted out of office.

A. For 5 points each--name the 16-year incumbent and his party affiliation.

ANSWER: Helmut\_KOHL\_, \_CHRISTIAN DEMOCRAT\_ic or \_CDU\_

B. FTP--what Social Democrat defeated Kohl after pledging to make fighting unemployment his top priority as chancellor?

ANSWER: Gerhard \_SCHROEDER\_

[SHRAY-der; first syllable should actually sort of rhyme with "good."]

C. FTP--of what German state has Schroeder been Premier since 1990?

Answer: \_LOWER SAXONY\_ or \_NIEDERSACHSEN\_

## BONUS 15

Name these Vergil poems for the stated number of points.

A. For 5--Virgil asked that this poem be destroyed if anything happened to him before it was completed, but Augustus had it published anyway.

ANSWER: \_AENEID\_

B. For 10--The fourth of these ten poems predicts a golden age that will begin with the birth of an unknown child.

ANSWER: \_ECLOGUES\_

C. For 15--John Dryden describes this didactic poem about farming as "The best poem by the best poet."

ANSWER: \_GEORGICS\_

## BONUS 16

FTP each--give these terms relating to semiconductors from definitions.

A. A slice, usually 10 to 30 micrometers thick, sawed from a cylindrical ingot of semiconductor material.

ANSWER: \_WAFER\_

B. An electronic circuit in which active and passive elements (including ICs) are affixed to a substrate and sealed into a single package.

ANSWER: \_HYBRID\_ Circuit

C. A non-linear, voltage-dependent device whose electrical behavior provides suppression. It protects circuit components by absorbing incoming transient pulses.

ANSWER: \_VARISTOR\_ (from "Variable Resistor")

## BONUS 17

Name these groups from their music directors for 15 points each.

A. Claudio Abbado replaced Herbert von Karajan as music director of this European city's philharmonic in 1989.

ANSWER: \_BERLIN\_ philharmonic orchestra

B. Sir Neville Marriner is the founder and music director of this academy.

ANSWER: \_SAINT MARTIN-IN-THE-FIELDS\_

## BONUS 18

He toppled Federico Chavez in a 1954 coup but was overthrown by Andres Rodriguez in 1989. FTP each:

A. Name this longtime South American dictator.

ANSWER: Alfredo \_STROESSNER\_

B. What landlocked country did Alfredo Stroessner rule?

ANSWER: \_PARAGUAY\_

C. Stroessner's political party shares its name with what U.S. state?

ANSWER: \_COLORADO\_

## BONUS 19

Did you pay attention in anthropology? Name these Native American dwellings from definitions FTP each:

A. Saplings are inserted into the ground, bent over, and tied in the middle to form an elongated dome-like roof that would be covered by bark or woven mats.

ANSWER: \_WIGWAM\_

B. The traditional Apache dwelling, it is an oval structure with arched poles, covered by brush and used in the Great Basin or Southwest.

ANSWER: \_WICKIUP\_

C. Taking its name from the Sioux, it consists of long wooden poles pointed together, fastened on top, and covered by skins.

ANSWER: \_TEEPEE\_

## BONUS 20

Childless for the first 50 years of their marriage, these saints, whose feast day is July 26, had a child whose conception Catholics believe to be Immaculate.

A. FTP each--name these parents of the Virgin Mary.

ANSWER: Saint \_ANNE\_, Saint \_JOACHIM\_

B. Saint Anne bore--FTP--what familial relation to John the Baptist?

ANSWER: She was his \_AUNT\_. (accept clear-knowledge)

equivalents)

BONUS 21

FTP each--name this songs off the Aerosmith album Permanent Vacation from their lyrics.

A. Baby let me follow you down; Let me take a peek dear; baby let me follow you down; Do me, do me, do me all night.

ANSWER: \_DUDE LOOKS LIKE A LADY\_

B. Without your love I'm nothing but a beggar; Without your love a dog without a bone; What can I do? I'm sleeping in this bed alone.

ANSWER: \_ANGEL\_

C. Hot tramp, Daddy's little cutie; So fine, they'll never see you leaving by the back door, man.

ANSWER: \_RAG DOLL\_

BONUS 22

It's new, it's hot, it's confusing. FTP per acronym--5 points for at least two words of the acronym--expand these acronyms relating to the communication industry.

A. ADSL: the newest way to get the 'Net at home, faster.

ANSWER: \_ASYNCHRONOUS DIGITAL SUBSCRIBER LINE\_

B. MMDS: Think of it as "wireless cable."

ANSWER: \_MULTICHANNEL MULTIPOINT DISTRIBUTION SYSTEM\_

C. ABVS: first tested during Superbowl XXVII.

ANSWER: \_ADVANCED BROADCAST VIDEO SERVICE\_