

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

ROUND 5

Packet by Harvard The Horse and His Boy (Willy Jay and company)

TOSSUPS

TOSSUP 1

He originally wanted to become a pianist, but changed his mind, after meeting Paul Strand in 1930. He co-founded the group "F-64," which emphasized depth of field and the sharp reproduction of detail, seen in his work "Rose on Driftwood." He is the inventor of the "Zone System," an aid for achieving optimal gradation of grays. FTP, name this man, who published 24 books of his work, as a landscape photographer in U.S. national parks.

ANSWER: Ansel ADAMS

TOSSUP 2

It is calculated from only the partition function and the temperature, and it is minimized for a system at constant temperature. As a function of absolute temperature, number of molecules, and volume, this state function can be differentiated to obtain entropy, chemical potential, and pressure. FTP, identify this quantity, which is defined as internal energy minus temperature times entropy.

ANSWER: HELMHOLTZ FREE ENERGY

TOSSUP 3

This title character is a land surveyor and accountant, but longs to make his name as a lawyer. He gets his chance, when the small town of Dawson's Landing is rocked by the murder trial of Luigi and Angelo Capello, and he uses fingerprint evidence to discover the transposed identity of Thomas a Becket Driscoll and Valet de Chambre (vah-LAY de SHAHM-bre). FTP, name this Mark Twain title character, who finally sheds his demeaning nickname.

ANSWER: PUDD'NHEAD WILSON

TOSSUP 4

The last name's the same. The president of the Hawaiian Republic from 1894 to 1900, who later served as its territorial governor after annexation; the US businessman who founded the Hawaiian pineapple industry; a candidate for vice president of the US in 1976; and the current president of the American Red Cross. FTP, give the last name shared by all of these public figures.

ANSWER: DOLE (Sanford Ballard, James Drummond, Robert Joseph, and Elizabeth Hanford Dole)

TOSSUP 5

The video of this song was shot at the same train station set used in the film, "Butch Cassidy and the Sundance Kid." It was replaced at number one on the charts in March 1978, by "Thicker Than Water", sung by Andy Gibb, whose three brothers recorded this song. Its high-pitched chorus was originally supposed to be "Saturday Night, Saturday Night." FTP, name this Bee Gees hit.

ANSWER: STAYIN' ALIVE

TOSSUP 6

His latest play features an innocent young writer, at work on his first novel, aboard a junk bound for the raciest Asian ports. His last work before "The Captain's Tiger" was "Valley Song," in which he himself appeared in Washington. He has acting experience; he played Marshal Jan Smuts (YAHN SMOOTS) in the film Gandhi. However, he is better known for writing such works as "My Children! My Africa!", "The Blood Knot", and "Master Harold...and the Boys". FTP, name this South African playwright.

ANSWER: Harold Athol FUGARD

TOSSUP 7

A Latvian diplomat recently proposed reviving it in a modern-day form, called the "Amber Gateway." Although its Diet last met in 1669, license plates still make reference to it in Hamburg, Bremen, Rostock (RAW-shtock), and its birthplace, Luebeck (LEW-beck). In the 1370 Peace of Stralsund, Denmark was forced to acknowledge the Baltic supremacy of, FTP, what medieval commercial confederation of German towns?

ANSWER: HANSEATIC LEAGUE (HAN-see-at-ic) or HANSE (HAN-sa)

TOSSUP 8

The name's the same. One was a son of Tydeus who fought with the Achaeans (uh-KEY-ans) against Troy. With Athena's help he injured Ares (AIR-eez) in battle. He also wounded Aphrodite, as she bore Aeneas from the field, but she got her revenge, by making his wife Aigialeia (AI-gee-a-LAY-a) unfaithful. The other figure with this name was the King of the Bistones in Thrace, who fed his war horses human flesh -- and who was fed to them by Heracles. FTP, give the shared name.

ANSWER: DIOMEDES

TOSSUP 9

She was descended on one side from Adam's first wife Lilith, and on the other from the giants. She was queen of the dead city of Charn, but after being re-awakened by Digory Kirke (DIG-er-ee KERK), she escaped to a new world, which she managed to subject to perpetual winter, until she was defeated at the Fords of Beruna by the Pevensie (PEV-en-zee) children and, of course, Aslan. FTP, name this late dictatrix of C.S. Lewis's land of Narnia.

ANSWER: JADIS or the WHITE WITCH

TOSSUP 10

The amino acid end would seem to be the most varied -- but actually, that end is the same in every kind. Of their four ends, it is the DHU loop that actually determines which amino acid can be bound. The most important characteristic is, of course, the anticodon loop, which binds to the mRNA. FTP, name these small fragments of RNA, which translate the codons on mRNA to amino acids.

ANSWER: tRNA or t\_ransfer\_R\_ibo\_N\_ucleic\_A\_cid

TOSSUP 11

His ouster of the then-Senate Majority Leader, Ernest McFarland, in 1952, allowed a junior senator named Lyndon Johnson to ascend to that position. He himself never held a Senate leadership position in his five terms, but as Armed Services Committee chairman, he co-authored the 1986 Department of Defense Reorganization Act, which mandated "jointness," and which now bears his name. FTP, name this bespectacled conservative, whom LBJ repaid with an electoral drubbing in 1964.

ANSWER: Barry \_GOLDWATER\_

TOSSUP 12

It was written for the dedication of the new Coventry Cathedral in 1962. A large orchestra, chorus, and soprano perform the traditional Latin text of the Mass for the Dead, and are joined by a twelve-piece chamber orchestra, and two male soloists, who perform the composer's arrangements of the anti-war poems of Wilfred Owen. FTP, name this largest choral work of Benjamin Britten.

ANSWER: \_WAR REQUIEM\_

TOSSUP 13

When Victory Gallop finished second in the Kentucky Derby and the Preakness this year, he was confronted with the legacy of this horse, the first to finish second in all three Triple Crown events. But Victory Gallop won the Belmont by a nose over Real Quiet, unlike this three-time loser to Affirmed in 1978. FTP, name this horse, whose offspring Alysheba won the Derby and Preakness in 1987.

ANSWER: \_ALYDAR\_ (AL-uh-dar)

TOSSUP 14

Between managing her husband's restaurant and raising her kids, she picked up a brown belt in karate, good training for her service on the House Judiciary Committee. She trounced Democrat Ralph Waite, best known for playing Pa Walton, in this April's special election to succeed her husband, who was killed in a skiing accident. FTP, name this Republican Congresswoman from California.

ANSWER: \_MARY\_ Whitaker \_BONO\_  
(Prompt on "Mrs. Sonny Bono," etc.)

TOSSUP 15

In the first of the tales in which he appears, he "strikes it rich"; in the next, he "blows a small fortune." The next several tales are named for his daughters, Tsaytl, [SIGHT-el], Hcdl [HODDLE], Chava [HOV-ah], Shprintze, and Beilke [BAIL-keh]. His is a story of surviving hardship, without losing humor or hope. FTP, identify the protagonist of both a collection of Yiddish-language tales by Sholem Aleichem [ah-LAIK-em], and the musical, "Fiddler on the Roof".

ANSWER: \_TEVYE\_ the Dairyman

TOSSUP 16

This word names Neil Diamond's song about an imaginary friend, whose name he used to call when he was young. In Hebrew, it means "place of peace." A log church by this name stood on the field where Albert Sidney Johnston was killed in 1862, and it came to name the battle. FTP, what word names the Tennessee clash between Johnston and U.S. Grant, that is also known as Pittsburg Landing?

ANSWER: \_SHILOH\_

TOSSUP 17

He appeared in "Glengarry Glen Ross" on Broadway, but subsequently became a film actor. He tended to play creeps and crazies, such as John Ehrlichmann and Charles Bushman. His roles in this year's "The Negotiator" and "Pleasantville" are notable partially because both were released after his death. He played Norman Schwarzkopf in a TV movie, and took such other military parts as Sgt. Mjr. Dickerson and Lt. Col. Matthew Markinson. FTP, name this actor.

ANSWER: J.T. \_WALSH\_

TOSSUP 18

He appears in the Apocrypha, in the book of Susannah, where he saves Susannah from being put to death, and in Bel and the Dragon, in which he smashes Bel and kills the dragon. He has his own book in the Old Testament, in which Nebuchadnezzar (Neh-boo-keed-NEZ-er) calls him Belteshazzar (Bel-te-SHAZ-er). In both the Old Testament and the Apocrypha, he suffers the same fate: the king, whether Cyrus or Darius the Mede, has him cast into the lions' den. FTP, name this biblical figure.

ANSWER: \_DANIEL\_

TOSSUP 19

The key tenets of this legal doctrine are openness, notoriety, hostility, and continuity, which may be extended by "tacking." If you possess a piece of property, openly and notoriously, for a continuous period of time, but you don't happen to be the true owner or have his consent, this doctrine may eventually transform you from a trespasser to an owner. FTP, what is this two-word term?

ANSWER: \_ADVERSE POSSESSION\_

TOSSUP 20

The three virtues represented on it are Peace, Valor, and Victory. Sculpted from Colorado marble by Thomas Hudson Jones, it was first shown to visitors in 1932, but the first of its three occupants was selected in 1921. A fourth occupant, known for years only as X-26, was removed, when he was identified as the late Lieutenant Michael Blassie. FTP, name this Virginia site, patrolled around the clock by the Third U.S. Infantry's Old Guard.

ANSWER: The \_TOMB OF THE UNKNOWNNS\_  
(accept The \_TOMB OF THE UNKNOWN SOLDIER\_)  
(Do not prompt on "Arlington National Cemetery")

TOSSUP 21

He's the only man to manage World Series winners from both the American and National Leagues. The third-winningest manager in history, he won seven pennants and won the Series in 1975, 1976, and 1984 -- five pennants and two Series titles with the Reds, and two pennants and a Series win with the Tigers. FTP, name this legendary manager.

ANSWER: George Lee "Sparky" \_ANDERSON\_

BONI

BONUS 1

Identify these poets from these works with similar settings FTPE:

A. He wrote "In a Disused Graveyard."

ANSWER: Robert \_FROST\_

B. He wrote "Elegy Written in a Country Churchyard."

ANSWER: Thomas \_GRAY\_

C. "George Gray" is one of several poems by this author in which the dead in an Illinois graveyard relay details from their lives.

ANSWER: Edgar Lee \_MASTERS\_

BONUS 2

Given the elementary particle, name the physicist who originally \*predicted\* it, for the stated number of points.

A. (5) the neutrino

ANSWER: Wolfgang \_PAULI\_

B. (10) the pi meson.

ANSWER: Hideki \_YUKAWA\_

C. (15) the omega-minus baryon.

ANSWER: Murray \_GELL-MANN\_

BONUS 3

30-20-10, name the river.

30. Its largest tributary is the Salmon River; it flows through America's deepest river gorge.

20. That gorge is known as Hell's Canyon. This river arises in Wyoming, near the southeastern corner of Yellowstone.

10. It forms much of Idaho's western border and flows into the Columbia River near Kennewick, Washington.

ANSWER: \_SNAKE\_ River

BONUS 4

Answer these questions about a conflict that almost became American's third war with Britain FTPE.

A. What name, shared by Maine's large northernmost county, names this bloodless contretemps that arose over a boundary dispute between Maine and British Canada in 1838?

ANSWER: the \_AROOSTOOK\_ War (rhymes with "a puss cook")

B. The dispute arose because what Anglo-American treaty foolishly set the boundary line as the St. Croix (CROY) river and thus left several hundred miles of border unclear?

ANSWER: Treaty of \_PARIS\_ or Peace of \_PARIS\_

C. What 1842 treaty between the U.S. and Britain resolved the Maine-New Brunswick boundary dispute?

ANSWER: \_WEBSTER-ASHBURTON\_ Treaty

BONUS 5

Answer these questions about third parties in gubernatorial elections FTPE.

A. This state is the only one whose governor is neither a Republican nor a Democrat.

ANSWER: \_MAINE\_ (Gov. Angus King is an independent)

B. Former pro wrestler Jesse "The Body" Ventura, a former mayor of Orland Park, is the Reform Party nominee for governor of this state.

ANSWER: \_MINNESOTA\_

C. Robert Healey, who won 9 percent in 1994 as the nominee of the ten-thousand-member Cool Moose Party, is running again for governor of this state.

ANSWER: \_RHODE ISLAND\_ and Providence Plantations

BONUS 6

Identify the following terms from complex analysis FTPE:

a The term for a function which is everywhere differentiable.

ANSWER: \_ANALYTIC\_ (accept \_HOLOMORPHIC\_)

b The term for a mapping associated with an analytic function which preserves the angle between two differentiable arcs.

ANSWER: \_CONFORMAL\_ mapping

c The term for a function which is analytic in a given region, except for poles.

ANSWER: \_MEROMORPHIC\_

BONUS 7

Given three phonemes, name the phonetic characteristic that they all share for ten points apiece.

A. P, D, G

ANSWER: \_STOP\_s

B. ZH (as in Ta\_j\_ Mahal), M, G

ANSWER: \_VOICED\_

C. L, N, T

ANSWER: \_ALVEOLAR\_ (accept also coronal or anterior)

BONUS 8

Answer these questions about Marie-Henri Beyle FTPE.

A. First, under what pseudonym did Beyle write such works as "Armance" and "Lucien Leuwen"?

ANSWER: \_STENDHAL\_

B. One of Stendhal's novels features a young aristocrat and ecclesiastic named Fabrice del Dongo, who eventually retires to a Carthusian monastery. FTP, name it.

ANSWER: The \_CHARTERHOUSE OF PARMA\_ or  
La \_CHARTREUSE DE PARME\_

C. Fabrice del Dongo joins both the military and the church, the two careers contemplated by, FTP, what protagonist of Stendhal's novel "The Red and the Black"?

ANSWER: Julien \_SOREL\_

BONUS 9

I'll name a Jacobite pretender to the British throne, and FTPE you tell me what his name and number would have been had he actually been crowned King of Great Britain.

A. The Old Pretender

ANSWER: \_JAMES\_ the \_THIRD\_

B. The Young Pretender

ANSWER: \_CHARLES\_ the \_THIRD\_

C. The Young Pretender's younger brother, the last of James the Second's legitimate heirs.

ANSWER: \_HENRY\_ the \_NINTH\_

BONUS 10

Name these architects from works FTPE.

A. Saynatsalo Town Hall in Jyvaskyla, Finland; Baker House in Cambridge, Massachusetts.

ANSWER: Alvar \_AALTO\_

B. The AT&amp;T Building in New York; the Glass House in New Canaan, Connecticut.

ANSWER: Philip \_JOHNSON\_

C. The Larkin Building in Buffalo; the Johnson Wax Research Tower in Racine.

ANSWER: Frank Lloyd \_WRIGHT\_

BONUS 11

Identify the following schemes in World Wide Web URLs for the stated number of points.

A. Most URLs begin with the scheme name, followed by a colon and two slashes. Two schemes, however, may omit the two slashes according to RFC 1738, which initially defined URLs. For ten points apiece, name them.

ANSWER: \_MAILTO\_ and \_NEWS\_ (do \*not\* accept NNTP for News)

B. This URL scheme often, in practice, has \*three\* slashes following the colon. For ten more points, name it.

ANSWER: \_FILE\_

BONUS 12

Any American boy or girl could grow up to become President -- and not just of the U.S. Answer these questions about nations which recently elected Americans as president FTSPNOF.

A. This South American nation recently elected as president a Chicago-born Jewish woman, widow of the late President who helped lead it to independence from Britain in 1966. F5P, name it.

ANSWER: \_GUYANA\_

B. Now, FTP, name Guyana's new president.

ANSWER: Janet Rosenberg \_JAGAN\_

C. A retired Environmental Protection Agency employee who had fled to the US from this nation more than 50 years before was narrowly elected its president in January. F5P, name it.

ANSWER: \_LITHUANIA\_

D. Now, FTP, name Lithuania's new president.

ANSWER: Valdas \_ADAMKUS\_

BONUS 13

Tennis was an Olympic sport until 1924, but wasn't brought back until the 1988 Games in Seoul. Identify these women's tennis medalists past and present FTPE.

A. This "Greta Garbo" of tennis won the last gold medal for tennis in 1924, only a year after her first U.S. singles championship.

ANSWER: Helen Wills \_MOODY\_ Roark (accept Wills alone, prompt on "Roark" alone)

B. She won in 1984, the last year tennis was a demonstration sport, and captured the gold medal in 1988.

ANSWER: Steffi \_GRAF\_

C. Her first ever victory over Graf came when she won the gold medal in Barcelona in 1992.

ANSWER: Jennifer \_CAPRIATI\_

BONUS 14

How much do you know about America's newspapers? I'll name several of the U.S.'s largest daily newspapers, without the city names, and you tell me what state they're all in FTPE. For instance, if I said the Globe, the Herald, and the Telegram and Gazette, you'd say Massachusetts.

A. Plain Dealer; Blade; Beacon Journal

ANSWER: \_OHIO\_ (Cleveland, Toledo, Akron)

B. Courant; Republican-American; Register

ANSWER: \_CONNECTICUT\_ (Hartford, Waterbury, New Haven)

C. Morning News; Caller-Times; Express-News.

ANSWER: \_TEXAS\_ (Dallas, Corpus Christi, San Antonio)

BONUS 15

Name the sculptor from works, 30-20-10.

30. "Four Continents," at the New York City Custom House.

20. "The Minute Man," in Concord, Massachusetts.

10. The seated Lincoln in the Lincoln Memorial.

ANSWER: Daniel Chester \_FRENCH\_

BONUS 16

Identify these pricing games from The Price is Right FTPE.

A. You get one chip free, and can win up to four more. As each chip can bring you as much as five grand, you could win up to twenty-five thousand dollars in cash!

ANSWER: \_PLINKO\_

B. Bob gives you some one-dollar bills. You try to guess the price of the New Car Before you; Bob takes dollars away as you err.

ANSWER: \_LUCKY SEVEN\_

C. It's one of the few games where Rod tells you the price of the car before you play. Instead of pricing the car, you price six consumer products from least to most expensive. Accuracy can win you 500 dollars and lets you make a shorter putt. Bob always makes his demonstration putt from the farthest line.

ANSWER: \_HOLE IN ONE\_ Or Two

BONUS 17

Identify these European philosophers from works FTPE. They may or may not have something in common.

A. The World as Will and Representation

ANSWER: Arthur \_SCHOPENHAUER\_

B. The Aesthetic Letters

ANSWER: Friedrich \_SCHILLER\_

C. On Religion, Addresses to Its Cultured Despisers

ANSWER: Friedrich \_SCHLEIERMACHER\_

BONUS 18

Identify these regions and cities of pre-unification Vietnam FTPE.

A. This was the French name for the northern sector of their Indochinese colony, whose capital was at Hanoi. The sector includes the delta of the Red River, which flows into a body of water which shares the sector's name.

ANSWER: \_TONKIN\_

B. This term, from the Chinese for "pacified south," named the middle section of French Indochina. In precolonial times it was called Trung Ky.

ANSWER: \_ANNAM\_

C. What former imperial capital on the Huong River was the chief city of Annam?

ANSWER: \_HUE\_ (pron. WHEY)

BONUS 19

Identify these Jewish holidays FTPE.

A. It is the "Feast of Weeks," specifically the seven weeks of grain harvest which separate it from Passover.

ANSWER: \_SHAVUOT\_

B. This holiday in the month of Adar is known as the "Feast of Lots," after the method used to determine the date of Mordechai's execution.

ANSWER: \_PURIM\_

C. This holiday, of particular importance to Sephardic Jews, might be called the Jewish Arbor Day. It celebrates the new year of trees and is also known as the "Feast of Fruits."

ANSWER: \_TU BI-SHEVAT\_ (TWO BISH-vat)

BONUS 20

Most US presidents have served as governor of a state, as a US senator, or as Vice President before entering the Oval Office. Identify these three who did not FTPE.

A. He was never governor of a state, but he did serve four years as governor of the Philippines.

ANSWER: William Howard \_TAFT\_

B. While a Congressman, he was elected Senator by the Ohio legislature, but never took office, as he was elected president over Winfield Scott Hancock that same year.

ANSWER: James Abram \_GARFIELD\_

C. He was the most recent president who fits this category.

ANSWER: Dwight David \_EISENHOWER\_

BONUS 21

Answer these questions about UNSCOM, the UN Special Commission on Iraq, for the number of points indicated.

A. (5) What former US Marine recently resigned from UNSCOM, citing a lack of American resolve to force inspections?

ANSWER: Scott \_RITTER\_

B. (10) What Australian diplomat heads UNSCOM?

ANSWER: Richard \_BUTLER\_

C. (15) What Swede, now his nation's ambassador to the US, was UNSCOM's first head after the Gulf War?

ANSWER: Rolf \_EKEUS\_

BONUS 22

Answer the following questions about astronomical measurements FTPE.

A. What quantity is defined as the magnitude of an object minus the absolute magnitude?

ANSWER: \_DISTANCE MODULUS\_

B. A distance modulus of zero corresponds to what distance in parsecs?

ANSWER: \_TEN (10)\_ parsecs

C. If an object were 1000 parsecs away, what would its distance modulus be? (Allow ten seconds.)

ANSWER: \_TEN (10)\_