

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

ROUND 7

Packet by Harvard Amphiararus and Harvard Lighthouse of Alexandria
(Matt Carter, Guy Jordan, Gautam Mukunda, etc)

TOSSUPS

TOSSUP 1

It is the number of Hungarian Dances that Brahms composed, as well as the product of the first two Mersenne primes. It is also the 6th triangular number, therefore it is the total number of dots on a normal die. FTP, identify this number.

ANSWER: _21_

TOSSUP 2

The first story in this collection tells of a man named Wing Biddlebaum, who experiences tragedy, through his ever-active hands. The novel continues with the tragic tales of more residents of the same town, and ends with central character, George Willard, leaving the town, eager to escape the provincialism, and to start his career in journalism. FTP, name this work, by Sherwood Anderson.

ANSWER: _WINESBURG, OHIO_

TOSSUP 3

One of the nineteen people executed in the Salem witch trials, this man's wife, Elizabeth, was also convicted for witchcraft, but spared, because she was pregnant. He was virtually unknown to the general populace until the early 1950s, with the publication of Arthur Miller's The Crucible. FTP, name this Puritan portrayed, by Daniel Day Lewis in the film version of The Crucible.

ANSWER: John _PROCTOR_

TOSSUP 4

Deriving their name from a Hindi word meaning "cheat", they are believed by many to have worshipped the goddess Kali, through the act of ritual murder, and in 1835 the East India Company, set up a special department to wipe them out. FTP, name these thieves and assassins, who strangled their victims with scarves.

ANSWER: _THUGS_ or _THUGEES_

TOSSUP 5

All three of them died in 1416, probably victims of the plague. All three of them were born in the late 14th century in Nijmegen (NEE-meh-Gen), and Paul seems to have been the head of their workshop, although scholars have been unable to distinguish his hand from those of his brothers, Jean (ZHAWN) and Hermann (Air-MAHN). FTP, give the surname of these three brothers who created the Tres Riches Heures (TRAY REESH EWR) of the Duke of Berry, a masterpiece of illuminated medieval manuscripts.

ANSWER: the _LIMBURG_ brothers (accept _LIMBOURG_)

TOSSUP 6

"I never knew how good our songs were," said Ira Gershwin, "until I heard her sing them." She would have been eighty this year, and would have celebrated the fiftieth anniversary of her first big hit, "A Tisket, A Tasket". FTP, identify this favorite of Louis Armstrong, a champion of the Cole Porter songbook, remembered fondly as The First Lady of Song.

ANSWER: Ella _FITZGERALD_ (accept _ELLA_)

TOSSUP 7

It is a form of commensalism, in which a relatively harmless organism mimics the appearance or odor of a more dangerous one, so that predators mistake it for the dangerous type and thus avoid it. FTP, name this type of mimicry, exhibited by the monarch butterfly, for which the unpleasant taste of the viceroy provides a defense.

ANSWER: _BATESIAN_ mimicry

TOSSUP 8

We know of nine tragedies by this playwright, politician and philosopher--a tenth, the Octavia, has been proven not to belong to him. Born in Cordoba around 4 BCE, he came to Rome in his twenties, and befriended a few important Stoics. Of his ten Ambrosian dialogues, the De Ira (DAY EE-rah) is the longest and most regarded. FTP, name this author of Hercules Furens (HAIR-coo-Lays foo-RENSE), a Medea and, on a lighter note, the Apocolocyntosis (Ap-o-CO-lo-Sin-TO-sys).

ANSWER: Lucius Annaeus _SENECA_

TOSSUP 9

Parts of the names of the places are the same. One is Denmark's largest and most populous island, home to the cities of Copenhagen (CO-pen-Hah-gen) and Roskilde (roh-SKIL-deh). Another is the most western province of the Netherlands, a group of islands and peninsulas, which control the approach to Antwerp. Finally, the Dutch province lent its name to a nation in the South Pacific. FTP, what is this name?

ANSWER: _ZEALAND_ or _ZEELAND_ (accept _NEW ZEALAND_)

TOSSUP 10

Raised in St. Louis, Missouri, this writer proclaimed Vergil the greatest of all authors in the 1941 essay, "What Is A Classic?". Although known mostly for his complex poetry, he proclaimed later in life that he believed drama to be the perfect medium for conveying his ideas. His work with Modernist poetry won him the Nobel Prize in Literature in 1948. FTP, name this poet, who proclaimed that the world will end not with a bang, but a whimper.

ANSWER: _T_homos Stearnes _ELIOT_

TOSSUP 11

Some scholars claim it begun when Louyang was sacked in 190 AD. Soon

after, the warrior Chow Chow raised an army, and attempted to reunite China, but was defeated at the battle of Red Cliff in 208, which is the more traditional date for its beginning. FTP, name this period in Chinese history, which lasted until 265, which has spawned many legends, akin to the Arthurian legends of England, and which gives its name to a famous Chinese Romance of the early 14th century.

ANSWER: The Period of the THREE KINGDOMS

TOSSUP 12

This 16th century German artist, known for his extremely lifelike portraits, was commissioned by King Henry VIII to paint his fourth bride, Anne of Cleves. He is also accredited with the famous portrait of Sir Thomas More, which hangs today in the Frick Museum in New York. FTP, Name this painter.

ANSWER: Hans HOLBEIN THE YOUNGER

TOSSUP 13

He may be the only Hollywood actor ever to have been both a shoe salesman and a member of the Senate Foreign Relations Committee. FTP, identify the man who appeared in the movie version of Tom Clancy's "The Hunt for Red October," and the Senate version of "The Hunt for Foreign Campaign Donations," in his role as Chairman of the Senate Committee on Governmental Affairs.

ANSWER: Fred THOMPSON

TOSSUP 14

This movie, released in July 1998, earned Darren Aronofsky a 1998 Sundance award. Shot in black and white, this movie tells the story of Max Cohen, a math genius who gets wrapped up in Jewish mysticism and develops a computer that unlocks the meaning of life. FTP name this film whose name is simply one letter of the Greek alphabet.

ANSWER: PI

TOSSUP 15

According to some scholars, this myth did not always end sadly, and Euripides may have had the hero conquering death. Vergil included it as the grand finale of his Georgics, and Ovid opened the tenth book of the Metamorphoses with a sarcastically brief version, in which the hero turns to pederasty, after failing to charm the gods with song. FTP, name this myth, which eventually inspired operas by Luigi Rossi, Gluck, and Monteverdi.

ANSWER: ORPHEUS and Eurydice.

TOSSUP 16

During its height, 100,000 people were going on peaceful marches through London. It ended after five weeks, through the mediation of Cardinal Manning and the Lord Mayor of London. Strikers' demands, which were eventually granted, included a one pence raise per hour, and an extra two pence for overtime. FTP, name this 1889 strike, led by Ben Tillett.

ANSWER: The London DOCK Strike

TOSSUP 17

The ex-wife of an Indo-European linguist at Cornell, she uses classical philology in her philosophical writing on Plato and Aristotle. An outspoken advocate of dialogue between the fields of law and philosophy, her most recent book, Cultivating Humanity, calls for sweeping reforms in liberal education. FTP, name the University of Chicago professor, who authored Love's Knowledge in 1994 and, in 1986, The Fragility of Goodness.

ANSWER: Martha NUSSBAUM

TOSSUP 18

Violinist David Oistrakh remembers this composer as a messy eater, and a harsh critic of Debussy, whose music he referred to as "calf's foot jelly." His 7th, 8th and 9th piano sonatas, known as the "war sonatas", were all premiered by the late Sviatoslav Richter, who's buried in the same cemetery. FTP, name the Russian, also a great pianist, who made legendary recordings of his own "Sarcasms" and a suite from his "The Love for Three Oranges."

ANSWER: Sergei PROKOFIEV

TOSSUP 19

Less than Jake covered songs from the Grease soundtrack. Save Ferris covered "Come on Eileen". Both bands took the original songs and added brass instruments and an increase in tempo. FTP, give the three letter word for these bands style of music.

ANSWER: SKA

TOSSUP 20

Earlier this year, Richard Pollak published "The Creation of Dr. B", a scathing look at the practices of this Holocaust survivor and thinker, who died in 1990 in Silver Spring, MD. Among his 225 articles is the famous "Freud and Man's Soul." FTP, name this Austro-German author of "The Uses of Enchantment."

ANSWER: Bruno BETTELHEIM

TOSSUP 21

In the United States, 6000 to 7000 new cases of this disease occur every year. It is most common in people between the ages of 15 and 34 and many suspect the Epstein-Barr virus as the culprit. This disease is distinguished by a particular kind of cancer cell called the Reed-Sternberg cell. FTP--name this type of lymphoma.

Answer: HODGKIN'S disease

BONI

BONUS 1

Identify the following novels of William Makepeace Thackeray FTPE

A. The title character is brought up thinking he is heir to the

Castlewood Estate. His siblings are named Beatrice and Frank.

ANSWER: The History of HENRY ESMOND, Esq.

B. This novel relates the story of Georgy and Harry Warrington, the two grandsons of Col. Henry Esmond. In the American Revolution, George fights on the British side, while Harry fights for the Americans.

ANSWER: The VIRGINIANS

C. In this 1848 novel, Amelia Sedley marries George Osbourne, but Osbourne is killed at the Battle of Waterloo.

ANSWER: VANITY FAIR

BONUS 2

Identify these Confederate Generals from one clue for 15 points, or from two clues for 5 points.

A. For 15 Points, he lead the Confederate forces at the battles of Stone's River and Chattanooga.

For 5 - A US Army base in North Carolina is named for him.

ANSWER: Braxton BRAGG

B. For 15 Points, he lead the Confederate forces at the battles of Franklin and Nashville.

For 5 - A US Army base in Texas is named for him.

ANSWER: John Bell HOOD

BONUS 3

It's been twelve years since the New York Mets beat the Red Sox in the World Series, but many of the 1986 Mets are still in baseball. FTP each, name the team that currently employs each of these former Amazing Mets.

A. Darryl Strawberry

ANSWER: New York YANKEES

B. Dwight Gooden

ANSWER: CLEVELAND or INDIANS

C. Mookie Wilson

ANSWER: New York METS

BONUS 4

Answer these questions about The End of the World (or it's beginning) FTP each.

A. According to Douglas Adams' The Hitchhiker's Guide to the Galaxy, what alien race destroys the Earth?

ANSWER: The VOGONS

B. Our sun is currently a yellow dwarf. It's next phase of life sounds much grander, but it will spell the death of life on Earth. For ten points, what colorful two-word phrase describes the sort of star the sun will become?

ANSWER: RED GIANT

C. According to Bishop Ussher, the Earth celebrated a birthday this month (October 1998). Which birthday? You'll earn ten points if you are within 50 years.

ANSWER: 6,001 (accept 5,951 to 6,051)

BONUS 5

The battle of Austerlitz was known as "the battle of the three emperors." Napoleon was, of course, one of the three. For 15 points each, name the emperors from Russia and Austria who were also present at Austerlitz.

ANSWER: FRANCIS I and ALEXANDER I

BONUS 6

Answer the following questions regarding a deity in the Hindu religion, for the stated number of points:

A. For 5 points, what is the name of the son of Shiva, who, in a fight with his father, had his head cut off and replaced with an elephant's head?

ANSWER: GANESH, or GANESHA

B. For 10 points, Ganesha was formed from the body rubbings of which other deity?

ANSWER: PARVATI

C. For 15 points, when the moon laughed at Ganesha's bizarre appearance, what weapon did he to hurl at the moon?

ANSWER: ELEPHANT TUSK

BONUS 7

Prof. Peter Schickele, with the help of his alter ego P.D.Q. Bach, has been an irreverent force in modern classical music for decades. Identify (for the stated number of points) the composers lampooned in the following pieces:

A. For 5 points, the "Unbegun" Symphony

ANSWER: Franz SCHUBERT

B. For 10 points, "Fanfare for the Common Cold"

ANSWER: Aaron COPLAND

C. For 15 points, "Hansel and Gretel and Ted and Alice: An Opera in One Unnatural Act"

ANSWER: Englebert HUMPERDINK

BONUS 8

Identify the following terms from economics given their descriptions, for 10 points each, 30 total:

A. The act of a corporation or conglomerate in getting rid of a subsidiary company or division.

ANSWER: DIVESTITURE

B. A two-word term, it is the feature of life insurance policies stating that the insurer will pay twice the face value of the policy if the insured dies accidentally.

ANSWER: DOUBLE INDEMNITY

C. The practice of charging more than the legal interest rate.

ANSWER: USURY

BONUS 15

Answer these questions about lasers for 10 points each.

A. Laser is an acronym for "Light Amplification by the Stimulated Emission of Radiation." Simulated emission, is in contrast to what other, more common type of light emission?

ANSWER: SPONTANEOUS

B. Lasers generally require an unusual condition where more atoms (or molecules) are in a high-energy state than in a low-energy state. Such condition is not thermodynamically stable. What two-word phrase describes such a condition?

ANSWER: POPULATION INVERSION

C. Around the turn of the century, this physicist derived the formalism required to understand the interactions between stimulated emission, spontaneous emission, and population inversions. The equations include the "A" and "B" coefficients named after him. FTP, name him.

ANSWER: Albert EINSTEIN

BONUS 10

Identify the modern poets from a title of one of their works, FTP each:

A. "Love Calls Us to the Things of This World"

ANSWER: Richard WILBUR

B. "A Working Girl Can't Win"

ANSWER: Deborah GARRISON

C. "The Changing Light at Sandover"

ANSWER: James MERRILL

BONUS 11

FTP each, name the American museums where you would find the following groups of famous paintings:

A. Cassat's "The Bath" and Seurat's "Sunday Afternoon on the Island of La Grand Jatte"

ANSWER: ART INSTITUTE of CHICAGO

B. Millet's "The Sower", Renoir's "Dance at Bougival", and Manet's "The Music Lesson."

ANSWER: PHILADELPHIA MUSEUM of Art

C. Cezanne's 1901 "Large Bathers" and Duchamp's "Nude Descending a Staircase #2"

ANSWER: MUSEUM of FINE ARTS, Boston (prompt on MFA)

BONUS 12

Answer these questions about the naming of an element, for 10 points each.

A. What international organization has the final say in naming elements?

ANSWER: IUPAC (sometimes pronounced eye-you-pack)
or International Union of Pure and Applied Chemistry

B. Name the scientist who discovered Berkelium and Californium and has received the unusual honor of having an element named after him during his lifetime.

ANSWER: Glenn T. SEABORG

C. Finally, what is the atomic number of Seaborgium?

ANSWER: 106

BONUS 13

Most of us know that Newt Gingrich (R-Georgia) is the Speaker of the House of Representatives. For ten points each, name the current holders of these three other House leadership positions.

A. Minority Leader:

ANSWER: Richard GEPHARDT

B. Majority Whip

ANSWER: Tom DELAY

C. Minority whip

ANSWER: David BONIOR

BONUS 14

The first Star Trek movie was simply subtitled "The Motion Picture". For 5 points each, and a maximum of 30 points, give the subtitles for any six of the other Star Trek Movies.

ANSWER: WRATH OF KHAN
SEARCH FOR SPOCK
THE VOYAGE HOME
THE FINAL FRONTIER
THE UNDISCOVERED COUNTRY
GENERATIONS
FIRST CONTACT

BONUS 15

Pencil and paper may be useful for this problem. On a right triangle with legs of length 5 and 12, two circles are drawn. The first is within the triangle and tangent to all three sides, the second passes through all three vertices of the triangle. For 15 points each, calculate their radii.

ANSWER: _2_ and _6.5_ (or $6 \frac{1}{2}$ or $13/2$)

BONUS 16

Identify the human hormone from a brief description, 10 points each, 30 points total:

A. Secreted by the pancreas, it is a protein that stimulates breakdown of glycogen and raises blood sugar.

ANSWER: _GLUCAGON_

B. Secreted by the ovaries, it is a steroid that targets the uterus to sustain pregnancy, and helps to maintain secondary female sexual characteristics.

ANSWER: _PROGESTERONE_

C. Released by the posterior pituitary gland, it is a peptide that induces birth by stimulating labor contractions, and causes milk flow.

ANSWER: _OXYTOCIN_

BONUS 17

30-20-10 name the city.

30. The House of the Vetii, known for its painted murals of everyday life, stands in this Italian city

20. It was the birthplace of Nero's wife Poppaea.

10. The discovery of this city's ruins helped to spark the Neoclassical period in art and architecture which prevailed in the early 19th century.

ANSWER: _POMPEII_

BONUS 18

30-20-10 identify the author.

30. His novel The Drifters chronicles a crowd of young people who travel the world in the late sixties, experimenting with drugs and sex.

20. His only Pulitzer Prize-winning novel was also the only one ever to hit Broadway.

10. He is best known for his epic novels about places and people around the world, including Texas, Alaska, Hawaii and Poland.

ANSWER: James _MICHENER_

BONUS 19

For 10 pts each, name any three of the six counties which make up the British province of Northern Ireland.

ANSWER: _ANTRIM_
ARMAGH
DOWN
FERMANAGH
LONDONDERRY
TYRONE

BONUS 20

30-20-10 Name That Nazi!.

30. This high ranking member of the Nazi party wrote a dissertation at Heidelberg on romantic literature, and had a deformed foot, which kept him from military service.

20. In the Berlin Bunker in 1945, he and his wife killed their 6 children before taking their own lives. His diaries have become an important historical document.

10. He was Hitler's minister of propaganda.

ANSWER: Joseph _GOEBBELS_

BONUS 21

Answer the following questions about the wars between Russia and Sweden in the early 1700's, for 10 points each, 30 total:

A. At which battle in 1700 did Charles XII of Sweden, with an army of 8000 men, defeat Peter the Great's 40,000 Russians?

ANSWER: Battle of _NARVA_

B. In which 1709 battle did Charles XII invade Russia, but suffer a stunning defeat because of the harsh winter and the westernizing of Peter's military?

ANSWER: Battle of _POLTAVA_

C. In which 1721 treaty, ending Swedish imperialism, did Peter the Great secure for Russia a piece of the Baltic shore with its warm-water outlets?

ANSWER: Treaty of _NYSTADT_