

CHICAGO B

1993 Hop on Pop Invitational Nov. 19-20, 1993

TOSSUPS

This director's films include *The Set-Up* and *Odds Against Tomorrow*, but he first made his name as an editor. He edited some of the Fred Astaire/Ginger Rogers musicals of the 1930s and garnered an Oscar nomination for his work on *Citizen Kane*. He's best known, however, for his musicals. FTP, name this director of *The Sound of Music* and co-director of *West Side Story*.
Robert Wise

Barry Bonds recently became the fourth National Leaguer to win three MVP awards. There have also been four American Leaguers to win the MVP three times. Of these four, only one did not win his awards while playing for the New York Yankees. FTP, name this Philadelphia and Boston first baseman who hit 534 home runs.
Jimmie Foxx

One mile wide and one-and-a-half miles long, it is the largest exposed monolith in the world, rising 1143 feet above the desert floor. The nearest major town is Alice Springs, 250 miles to the northeast. FTP, name this rock located in Northern Territory, Australia, the site of the child abduction chronicled in the film *A Cry in the Dark*.
Ayers Rock

Until his death several years ago, you could stop by his office in the MIT Electrical Engineering department to chat, and he would give you a photo of a bat. The photo was a result of a technology he invented that made it possible to take sharp photographs of subjects moving very quickly, such as a flying bat or a bullet tearing through an apple. FTP, name this inventor of the strobe light.
Harold "Doc" Edgerton

In mathematics, this adjective describes a relation that satisfies the property, if A is related to B and B is related to C, then A is related to C. In grammar, it describes a verb that takes a direct object. FTP, name this three-syllable word.
transitive

These ensembles are usually tuned to play music written in either pelog (a seven-note scale) or slendro (a five-note scale). They consist primarily of metallophones and horizontal and vertical gongs, led by a drummer who serves the role of the conductor in a symphony orchestra. FTP, name these ensembles that were developed primarily in Bali and Java.
gamelan

This animal's eyes may be the most complex ever evolved on earth. Each eye contains up to 15000 elements, each with its own lens, giving this animal an almost hemispherical field of vision. Visual acuity was a necessity for this animal, since it lived in muddy ocean depths. FTP, name this first animal to evolve well-defined eyes, the prototypical animal of the Cambrian period, which is now extinct.
trilobite

A practicing physician, he delivered over 3000 babies in his hometown of Rutherford, NJ, and wrote about his experiences in medicine in short stories such as "The Use of Force". He's better known for his

poetry, however, which incorporates the rhythms of American speech, and for his principle that there are "no ideas but in things". FTP, name this author of the epic poem Paterson.

William Carlos Williams

Under the provisions of squatter sovereignty, Kansas voted in 1859 for the anti-slavery Wyandotte constitution for itself. However, in 1857, a pro-slavery constitution was approved but rejected in an 1858 referendum. FTP Name this constitution, named for the town it was originally approved in.

Ans: LeCompton Constitution

Along with Karl von Frisch and Nikolas Tinbergen, he won the 1973 Nobel Prize in Physiology or Medicine for his studies of bird behavior and human/animal aggression as the father of ethology. His most famous works are King Solomon's Ring and On Aggression. FTP Name him.

Ans: Conrad Lorenz

Although there hasn't been a Commissioner of Baseball in over a year, it has been suggested that a woman might be appointed to the post. FTP Name this woman, who was Secretary of Labor under George Bush.

Ans: Lynn Martin

Tax Americana, Whirlybirdbrain, Groom and Doom, Language are his Middle Name, and Come here, You Stupid Fish are just some of the many titles for this Miami Herald based columnist who won a 1988 Pulitzer prize for Commentary. His columns have been concerned with exploding cows and toilets, the adventures of his dogs Zippy and Ernest, and Mister Language Person. FTP Name this man, whose writings have inspired a sitcom being aired currently.

Ans: Dave Barry

"Shuzan held out a short staff and said: 'If you call this a short staff, you oppose its reality. If you do not call it a short staff, you ignore the fact. So what do you wish to call it?' and 'Goso said: 'When a buffalo goes out of his enclosure to the edge of the abyss, his horns and his head and his hoofs all pass through, but why can't the tail also pass?'. These are but two examples of phrases designed to shock one's mind, the most famous being 'What is the sound of one hand clapping?'. FTP What is the name of these phrases used in Zen that aim to break the mind of logic?

Ans: Koan

Hairy Pinna, or ear hair, is thought to be determined by a Holandric gene. Holandric genes are only expressed in males because they lie on this chromosome. FTP Name the chromosome.

Ans: Y chromosome

"When the coin in coffer rings, the soul from purgatory springs" especially drew the ire of Martin Luther when this man used it in order to raise money for Saint Peter's Basilica in Rome through the sale of indulgences. FTP Name him.

Ans: Johann Tetzel

It is the title of a book by Bob Woodward and Scott Armstrong that chronicles the first seven years of the Supreme Court under Warren Burger. This word is also a term which has been used to describe the members of the Court, but the additions of Sandra Day O'Connor and Ruth Bader Ginsburg to the Court has rendered it somewhat obsolete. FTP Give this familial term.

A: BRETHREN

Some of this man's lesser known short works included "Lord Byron's Love Letter", "This Property is Condemned", "Something Unspoken", and "The Long Goodbye". FTP Name the prolific and popular American playwright and novelist also known for his novel The Roman Spring of Mrs. Stone, and the plays "Sweet Bird of Youth" and "Cat on a Hot Tin Roof".

A: Tennessee WILLIAMS

The death of River Phoenix shocked many, but it did not come to such a surprise to those familiar with the wild, drug-filled club world. Among the array of drugs that Phoenix allegedly took was a synthetic steroid that dissolves in water. It speeds up the metabolism and creates feelings of euphoria, and occasionally triggers seizures. FTP Name this substance which is hot among young clubbers.

A: GHB

Oscar Neebe, Louis Lingg, Samuel Fielden, Auguste Spies, and Albert Parsons gained a place in American history on May 3-4, 1886, two pivotal days in the anarchist and labor movements. FTP Name the so-called affair these men became entangled in, which concerned the death of eight policemen after a bomb was thrown into a crowd.

A: HAYMARKET Affair

It crosses New Mexico along the western edge of the Rio Grande drainage basin, and it then enters Colorado. From there, it takes a very irregular route along the western summits of the Rio Grande, Arkansas, South Platte, and North Platte river basins. This geographical feature continues its trail up to Canada, and it hits Glacier National Park on the way. FTP Name this watershed.

A: CONTINENTAL DIVIDE

"And where is that band who so vauntingly swore/That the havoc of war and the battle's confusion,/A home and a country should leave us no more!/Their blood has washed out their foul footsteps' pollution." This is a quotation from the third stanza of, FTP, what famous work set to the tune

"Anacreon in Heaven" and written by Francis Scott Key.

A: THE STAR-SPANGLED BANNER

Since he was the first and only person to hold the rank of General of the Armies while alive, he was authorized to prescribe his own insignia. However, he never wore more than four stars. FTP name this man known for his leadership during World War I.

A: John J. PERSHING

The origin of the name is doubtful; one source claims it belongs to the grandson of the eight-handed Starkader and the beautiful Alfhlilde and meant "bare of mail" because the warrior went bravely unharnessed into battle. Another theory holds that the name means "men who have assumed the form of bears". FTP, give the term which in popular fiction describes a warrior who flies into a homicidal rage at the taste of blood.

BERSERKER.

The Babylonian version is more complete and dates from around 500 AD, while the Jerusalem version dates from 375 AD. Aramaic for "complement," it consists of annotations, discussions, amplifications, and interpretations of the Mishna. FTP, name this second part of the Talmud.

GEMARA.

The name's the same: the pen name of American journalist Janet Flanner, the last name of a French diplomat who commissioned privateers in American ports to prey on British ships in an attempt to force George Washington to help the French against the British, and the last name of the French creator of such works as Our Lady of the Flowers and The Balcony. FTP, give the common name.

GENET.

Born in 1753, this British and American scientist was a minister of war and police in Bavaria. While observing the boring of cannons, he observed that the drill tip got extremely hot due to friction. This led him to propose that heat was nothing but the random microscopic motion of particles in a body. FTP, name the man who first offered conclusive proof that destroyed the caloric theory.

Benjamin Thompson, Count RUMFORD.

One day in 1902, two women drove into a frontier town, exciting many of the villagers, none of whom had ever seen a car before. Upon getting out, one of them bought the town beggar a drink, then proceeded to punch out an obnoxious rowdy who was preventing the local missionary woman from singing "Nearer My God to Thee". In the weeks that followed, the rough-and-tumble town became the cultural center of the Northwest, due entirely to the strength of Roslyn and the beauty and grace of Cicely. Cicely eventually died taking a bullet for Roslyn, her lesbian lover, and in Cicely's honor,

the town was named for her. FTP, Cicely is the hometown of Shelly, Chris, Marilyn, Maurice, Maggie, Ruthanne, and Holling in what TV show?

NORTHERN EXPOSURE.

A Babylonian demon supposed to haunt wildernesses in stormy weather, in Arabic legend she married the Devil and is the mother of all djinn [JIN]. Referred to in Isaiah 34:14 as the "screech-owl," in Hebraic legend she left Paradise for the air, refusing to submit to Adam. FTP, name this first wife of Adam and frigid former wife of Frasier Krane.

LILITH.

Pencil and paper ready for a sports and literature math question. Take the number of victories Don Shula needed to become the NFL's alltime winningest coach and subtract the number of stories in the Decameron. Divide the result by the number Michael Jordan wore for the Dream Team, and subtract from that the number in the title of Shakespeare's play also known as "What You Will". Give the result for ten points.

13. $[(325-100)/9 - 12]$

Pencil and Paper ready. A bullet with a mass of 0.02 kilograms is fired at a velocity of 100 meters per second at a ballistic pendulum which rises 0.1 meters. Considering gravity as negative ten meters per second per second, FTP what is the mass of the pendulum?

99.98 kilograms.

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BONI

Martin Luther King often spoke of not hating the enemy, but loving him. In English, this concept is expressed by the same word "love" that we use to express romantic love. In Greek, however, there are three words for love. F10p, given King's description, give the Greek word:

- 1) "a sort of aesthetic love... a sort of romantic love"
 - 2) "reciprocal love between personal friends"
 - 3) "understanding, creative, redemptive good will for all men"
- 1) eros
 - 2) philia
 - 3) agape

Most national flags are composed solely of graphic elements, but a few national flags have text on them. F10p@, given the text, name the flag. Note that the text may appear on the flag in a language other than English.

- 1) the capital letter "R"
 - 2) the phrase "Order and Progress"
 - 3) Which flag has an entire sentence on it?
- 1) Rwanda
 - 2) Brasil
 - 3) Saudi Arabia ("There is no God but Allah, and Mohammed is his prophet")

30-20-10: Name the artist from his works:

- 30) "The Open Window, Collioure" (this is one painting)
 - 20) The Dance, Music (these are two paintings)
 - 10) Jazz
- Henri Matisse

He holds Professorships of Political Science, Statistics, and Computer Science and is a Senior Critic in Graphic Design at Yale. His books include Political Control of the Economy and Envisioning Information. His best known work, The Visual Display of Quantitative Information, is a landmark book on principles of design for statistical graphics. F30p, name him.
Edward Tufte

This past season we heard a lot about John Olerud and Andres Galarraga's chase for .400. Neither, of course, finished close to that hallowed mark, and in fact several players of the last 20 years have hit about as well or better. F5p@

- 1) What was Olerud's final average?
 - 2) What was Galarraga's final average?
 - 3) Which player hit .370 in 1987?
 - 4) Which player hit .363 in 1987?
 - 5) Which player hit .368 in 1985?
 - 6) Which player's .388 average in 1977 was the highest of the 1970s?
- 1) .363
 - 2) .370
 - 3) Tony Gwynn
 - 4) Wade Boggs
 - 5) Wade Boggs

6) Rod Carew

This composer's early works, such as Phrygian Gates, are primarily in the Minimalist style. His Short Ride in a Fast Machine was among the works featured by the New York Philharmonic at the premiere concert of conductor Kurt Masur. Several of his later works, including Harmonielehre, The Wound Dresser, and The Chairman Dances, are among the few works of the 1980s to be regularly played by American orchestras. F30p, name this composer.

John Adams

Time for the do-or-die state capitals bonus. There are 6 parts F5p@; one wrong answer and you'll receive zero points. After each part you can elect to stop and keep the points you've earned, or to continue at your own risk. Warning: not all of the states are US states.

- 1) Oregon
- 2) South Carolina
- 3) New South Wales
- 4) West Bengal
- 5) Tamil Nadu
- 6) Queensland
- 1) Salem
- 2) Columbia
- 3) Sydney
- 4) Calcutta
- 5) Madras
- 6) Brisbane

(30-20-10 points)

Q: Name the famed nymphomaniac.

- 1) She abducted Tithonus and bore him two sons, Emathion and Memnon.
- 2) By Astraeus, she gave birth to the Winds- Zephyrus, Boreas, and Notus.
- 3) She was cursed with nymphomania by Aphrodite because of her affair with Ares. She is also known as the personification of the Dawn and is also called Aurora.

A: EOS (if answer "Aurora" at 30 or 20 point clues, ask for more info)

(30 points)

Q: Holly Hunter has been called a "brilliant, anarchic actress".

Answer the following questions about her for ten points apiece.

- 1) She first gained recognition as a baby-napping cop in what quirky movie made by the Coen brothers?
- 2) She received her first Academy Award nomination in which movie in which she costarred with Albert Brooks?
- 3) Name the new movie she is currently starring in in which she plays a deaf-mute Victorian Scotswoman.

A: RAISING ARIZONA
BROADCAST NEWS
THE PIANO

(25 points)

Q: Given the state, name the governor. 5 points apiece.

Texas

Massachusetts

Maryland

Wisconsin

Florida

A: Ann RICHARDS, William WELD, William Donald SCHAFER,
Tommy THOMPSON, Lawton CHILES

(20 points)

Q: Do you know the alphabet? How about the Bible? Answer these alphabetical questions on the Bible.

- 1) For five points each, name the Old Testament books that are first and last in alphabetical order.
- 2) Now do the same for the New Testament.

A: AMOS, ZEPHANIAH
ACTS OF THE APOSTLES, TITUS

(30 points)

Q: You'll get a 21-gun salute if you get this question correct.

- 1) On July 4th, how many guns salute at noon to commemorate Independence Day? (10 points)
- 2) A president gets a 21-gun salute and 4 ruffles and flourishes, as well as the theme music "Hail to the Chief" on arrival and departure. Does a President-elect get the same? (5 points)
- 3) Which of the following two receive a 19-gun salute on arrival and departure: Vice-President, Chief Justice, Chairman of the Joint Chiefs of Staff, Secretary of Defense, and Secretary of State. (5 points for one right, 15 points for both)

A: 50 (one for each state)

YES

CHAIRMAN OF JOINT CHIEFS OF STAFF, SECRETARY OF DEFENSE

(25 points)

Q: Given five African nations, put them in order from year of independence, from earliest to latest.

Uganda

Djibouti

Zimbabwe

Zaire

Botswana

A: ZAIRE (1960), UGANDA (1962), BOTSWANA (1966), DJIBOUTI
(1977), ZIMBABWE (1980)

Answer the following questions on this specific area of solid state

physics for 10 pts each:

1. Bednorz and Muller won the 1987 Nobel Prize in Physics for their discovery of this phenomenon whose possible applications could include low power loss electrical power lines, magnetic levitation trains, and the SSC.

ans. High-Temperature Superconductivity

(Note to reader: If they say

just "superconductivity" ask them to be more specific. You cannot accept just "superconductivity" because the 1913 prize was given for that.)

2. In 1933 it was discovered that if you place a Type I superconductor in an exterior magnetic field, that the field inside the superconductor is zero, meaning that it is a perfect diamagnet. What is the name of this effect?

Ans: Meissner Effect

3. The 1972 Nobel Prize in Physics was given to Bardeen, Cooper, and Schrieffer for their theory explaining the mechanism of superconductivity. The central feature of this theory is the idea that as one electron flows through the ion lattice of the material, it attracts the positive ions slightly towards it so the electron following it is automatically sucked in and "surfs" on the wake of the leading electron. What is the name for this pair of electrons in this theory?

Ans: Cooper Pair

Given a book that won the Newbery Medal, give the author for 5 pts. each:

a) The Voyages of Dr. Dolittle Ans: Hugh Lofting

b) A Wrinkle in Time Ans: Madeleine L'Engle

c) Twenty-One Balloons Ans: William Pene Du Bois

d) Roll of Thunder, Hear My Cry Ans: Mildred Taylor

e) Amos Fortune, Free Man Ans: Elizabeth Yates

f) Bridge to Terabithia Ans: Katherine Paterson

For 10 pts each, name the following senators who were also Majority Leaders:

a) This Tennessee republican was majority leader from 1981-1985 who was unsuccessful in his bid to win the 1980 Republican nomination for President. Ans: Howard Baker Jr.

b) This Montana Democrat enjoyed the longest tenure as majority leader, from 1961-1977. Ans: Mike Mansfield

c) This Kansas Democrat was majority leader from 1947-1949 who stepped down to assume the vice presidency. Ans: Alben W. Barley

Given the English translation of a foreign word or phrase, translate it back into the original language (10 pts. each)

a) Latin, meaning "in the original arrangement" Ans: In Situ

b) French, meaning "the obligation of nobility to help the less fortunate" Ans: Noblesse Oblige

c) Yiddish, meaning "an unlucky bungling person" Ans: Shlemiel

Given the popular designation of the following King Louis of France, give

me his number.

- a) the Sun King Ans:14
- b) Father of the People Ans:12
- c) Well-Beloved Ans:15

This is a question for all you science fiction buffs out there. Name the Larry Niven and Jerry Pournelle collaboration that includes the following scenes for 10 pts. each:

1. A Californian surfer rides a mile-high wave over Los Angeles.

Ans: Lucifer's Hammer

2. Various thinly disguised famous science-fiction authors, including Roberty Heinlein and his wife Virginia, lounge around in a swimming pool under Cheyenne Mountain with a Phthip, an elephant-like creature.

Ans: Footfall

3. A human spacesuit full of miniature three-armed space aliens attempts to escape from a soon-to-be-depressurized while posing as a human refugee, but is discovered at the last moment and is killed by a flung air tank.

Ans: The Mote in God's Eye

For five points each, name the official language of these African countries.

Zimbabwe	ENGLISH.
Niger	FRENCH.
Guinea-Bissau	PORTUGUESE.
Gambia	ENGLISH.
Equatorial Guinea	SPANISH.
Sudan	ARABIC.

Name the rock group from its albums, on a 30-20-10.

- 30: 13 Songs, 3 Songs
- 20: Steady Diet of Nothing, Margin Walker
- 10: Repeater, In On the Kill Taker

FUGAZI.

Name the indicated relative from Greek mythology, given a list of other relatives, for five points each.

Father of Eos, Helios, and Selene.

HYPERION

Mother of the Muses.

MNEMOSYNE

Sister of Demeter, Hera, Zeus, Poseidon, and Hades.

HESTIA

Son of Maia.

HERMES.

Father of Chiron the Centaur.

CRONUS.

Brother of Epimetheus.

PROMETHEUS.