## TOSSUPS - MICHIGAN ALPHA

1) Born in 1885 in Vienna, he planned to have a literary career until his father and brother convinced him to begin composing music. A student of Arnold Schoenberg, his first public performance was "Piano Sonata, Opus 1 " in 1907. Along with Schoenberg, and Anton von Webern, he is considered to be one of the founders of the Vienna school of music. For 10 points, name this composer of the operas "Lulu" and "Wozzeck."

## ANSWER -- alban BERG

2) While parcels of air should ideally flow in the direction of the pressure gradient, they instead flow at an angle across isobars, causing air to flow around high pressure areas clockwise in the Northern Hemisphere. For ten points, this phenomenon is caused by what "force" arising from the Earth's rotation.

ANSWER -- CORIOLIS force / effect
3) Born in 1914 in New Zealand, this economist spent most of his career studying the problem of how to keep an economy stable. He is most famous for his June 1957 paper entitled "Stabilization policy and the time forms of lagged responses." In this paper, he showed how the rate of inflation is related to the unemployment rate, and introduced the curve which now bears his name. For ten points, name him.

> ANSWER -- alban william housego PHILLIPS
4) It is rumored that he once broke into the North American Air Defence Command computer, and that his hacking feats inspired the movie "War Games." After allegedly breaking into the computers of several long distance and cellular phone companies, he was finally captured in 1995. For ten points, name this hacker, the subject of Jonathan Littman's new book "The Fugitive Game."

## ANSWER -- kevin david MITNICK

5) This book tracks Henry Burton, Richard Jemmons, and Jack Stanton as they campaign for Stanton's presidential nomination, and has Washington trying to find out who the anonymous author is. For ten points, give the title of this new book, a thinly veiled account of Bill Clinton's 1992 campaign.

## ANSWER -- PRIMARY COLORS

6) He is a relative of Chechan separatist leader Dudayev, and reportedly escaped from Pervomaiskoye (pron. pair - voh - my - skoi - uh) despite being bombarded by rockets and his troops being severely outnumbered. For ten points, name this leader of the Chechen rebel force.

ANSWER -- salman RADUYEV
7) Alternatively called Dihevi Raaje, this island group was an independent sultanate from 1965 to 1968, when the ad-Din dynasty was ended with the declaration of a republic. For ten points, name this Indian Ocean nation whose capital is Male (pron. muh - LAY).

ANSWER -- the republic of the MALDIVES
8) Peter Lupis, Greg Morris, Barbara Bain, Martin Landau, and Peter Graves were the principal cast. For ten points, name this TV adventure show that is now a movie starring Tom Cruise, and where every message could be counted on to self destruct in 30 seconds.

ANSWER -- MISSION: IMPOSSIBLE
9) He argued that the bible was not rational, but that it was an imaginational representation of the world, which served as a moral guide, but shouldn't hinder the intellectual mind from seeking the truth.
Arguments such as this caused people to brand as an atheist, for ten points, what Dutch philosopher, author of "Ethics Demonstrated in the Geometric Manner."

ANSWER -- baruch (or benedict de) SPINOZA
10) The discovery of this medical technique is attributed to Emperor Shen Nung of China in 2700 BC. Although modern science has not proven that it can actually cure disease, it appears to be an effective method of anesthesia. For ten points, name this technique of bringing a patient's Yin and Yang into balance by inserting needles into specific areas of the skin.

## ANSWER -- ACUPUNCTURE

11) By neglecting to appoint a new king at the death of the Merovingian Theodoric IV, this Frankish "mayor of the castle" seized, officially, power he had held all along. As ruler of most of Europe he stopped an Islamic invasion through the Pyrenees at the Battle of Tours. For ten points, name this son of Pepin of Heristal and grandfather of Charlemagne.

ANSWER - CHARLES MARTEL
12) They are described as short humans with curly hair on their heads, but no facial hair. They have large eyes and pointy chins. These beautiful but frail creatures lead a carefree life during the day, but are terribly afraid to be alone in the dark, in case they might be found by the Morlocks. For ten points, who are these dwellers of the Earth's surface in H. G. Wells' "The Time Machine"?

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ANSWER -- ELOI
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13) This Democrat is the leading candidate to be the next host of "Crossfire," and is considering running for Mayor of New York City, or even Governor of New York, since she recently lost her bid for the Senate. For ten points, name this former vice presidential candidate.

ANSWER -- geraldine FERRARO
14) Born in Latvia in 1936, this chess player was renowned for his combinations and spectacular sacrifices. Nicknamed the "Wizard of Riga," he defeated Mikhail Botvinnik in 1960 to become the thenyoungest ever world champion, but lost the title back to Botvinnik a year later. For ten points, name this chess great who died in 1992.

ANSWER -- mikhail TAL
15) The Pregnant Guppy, the Black Widow, the Mustang, the Bearcat, and the Pea-Shooter are all varieties used in war of, for ten points, what 20th century American invention?

ANSWER -- AIRPLANES (accept equivalents)
16) These compounds contain at least one pair of oxygen atoms bonded by a single covalent bond, with each oxygen atom having an oxidation number of negative one. For ten points, name these compounds that when dissolved in water make their hydrogen form, a common bleaching agent.

> ANSWER -- PEROXIDES
17) Born in 1756 in Newark, this New York lawyer was a grandson of the theologian Jonathan Edwards. He was elected to the U. S. Senate in 1791, but lost a re-election bid in 1797. His stormy political career ended in 1807 after he was tried for treason. For ten points, name this third Vice President of the U. S., most famous for his duel with Alexander Hamilton.
ANSWER -- aaron BURR
18) "Upon the Philistines and Cherethites, I will execute wrathful punishments and great vengeance. Then they shall know my name is the Lord when I lay my vengeance on them." For ten points, what verse, referenced in Pulp Fiction, is this the real translation of?

ANSWER -- EZEKIEL 25:17 ( prompt on partial information )
19) The name's the same - a former professional wrestler nicknamed "Doctor $D$," a former hockey player for the Philadelphia Flyers known mostly for fighting, and the Olympic wrestler allegedly murdered by John Du Pont. For ten points, what is the common name?

ANSWER -- david SCHULTZ
20) Although his father was a rabbi, this sociologist himself had no religious faith. Among his accomplishments were the development of the concepts of anomie and collective conscience. For ten points, name this man, considered the founder of the French school of sociology.
ANSWER -- emile DURKHEIM
21) As a teenager, Cathy murders a teacher and locks her parents in a burning house. Once she moves west, she shoots her husband Adam and abandons her twin sons only to change her name to Kate and murder a madam for control of a whore house. For ten points, these events all occur in what John Steinbeck novel where California is considered "paradise".

ANSWER -- EAST OF EDEN
22) Comprised of Antrim, Armagh, Down, Fermanagh, Londonderry, Tyrone, Cavan, Donegal, and Monaghan counties, James I advocated Scottish immigration to this region to increase the Protestant population. For ten points, name this region that includes, but is not limited to, Northern Ireland.

ANSWER -- ULSTER (PROMPT on "Northern Ireland")
23) Fans of college basketball know that from 1964 to 1975, UCLA won 9 of the 11 menÆs division 1 basketball championships. For ten points, name either of the other two teams to win the title during this period.

ANSWER - North Carolina STATE or TEXAS WESTERN
24) It states that the area of a polygon with corners on lattice points is equal to the number of lattice points in the polygon, minus half the number of lattice points on its boundary, minus 1. For ten points, name this theorem of geometry, which sounds like something an ill-mannered person would do to his teeth in public.

ANSWER -- PICKÆs theorem
25) Translated from the Sanskrit, its name means ôfollowers of the conquerors.ö Founded by Mahaira, this religion teaches that the world was never created, and that karma is a physical substance which causes transmigration because it clogs the jiva. For ten points, name this religion which preaches universal tolerance, and so will not criticize other religions.

ANSWER -- JAINISM
26) John Sloan, Robert Henri, Emest Lawson, and Arthur Bowen Davies were all known for their realistic portrayals of city life in the early 1900's. For ten points, this type of art is typical of what American school to which all these men belonged?

ANSWER -- ASHCAN school
27) Characters in Act I of this play include Clive, his wife Betty who is played by a man, his black servant Joshua who is played by a white, and his daughter Victoria who is not played by an actor, but is a dummy. Act I takes place in Africa during Victorian times, and although Act II takes place in the present, the characters are only 25 years older. For ten points, name this play about colonialism and sexual oppression by Caryl Churchill.

ANSWER -- CLOUD 9
30) Born in 1848, in Calcutta, this man advocated autonomy for India within the British Commonwealth. Late in his political career he was knighted and made minister of the government of Bengal. Twice elected president to the Indian National Congress, for ten points, name the man who advised Indians to "agitate, agitate, agitate - you have yet to learn the great art of grumbling."

ANSWER -- sir surendranath BANERJEA

## 1) * 30 POINT BONUS *

Name this nation, 30-20-10.
30) It got its name because Spanish explorer Alvaro de Mendana de Nehra thought that it was a biblical king's source for gold.
20) Lying to the east of Papua New Guinea it includes San Cristobal, Malaita, and Santa Isabel islands.
10) The capital of this nation is Honiara.

ANSWER -- SOLOMON ISLANDS
2) * 30 POINT BONUS *

For ten points each, given the description and the culture, name the sun god or personification.
A) The sun itself, in Norse mythology, this name is still occasionally used in reference to the sun. ANSWER -- SOL
B) The brother of Varuna, this figure in early Hindu mythology also presided over friendships and contracts. ANSWER -- MITRA
C) Hero of Polynesian mythology, this god also lends his name to HawaiiÆs second largest island. ANSWER -- MAUI
3) * 30 POINT BONUS *

30-20-10 Name the actress.
30) Her father was the writer and narrator of the children's show "The Magic Roundabout."
20) She was vice president of "Footlights," a comedy club from which John Cleese is an alumnus, and starred in her own British comedy show.
10) She stars in "Sense and Sensibility."

ANSWER -- emma THOMPSON
4) * 30 POINT BONUS *

For ten points each, name these terms from topology from the clues.
A) The term for a set which contains all of its limit points. ANSWER -- CLOSED
B) A topological space with the property that for any two points, one can find two disjoint open sets such that each contains exactly one of the points.

ANSWER -- HAUSDORFF (or T-2) space
C) A topological space which is not a union of two disjoint, non-empty, closed sets.

ANSWER -- CONNECTED space
5) * 30 POINT BONUS *

Name the historic city, $30-20-10$.
30) Now called Edirne, since 1800 this city has belonged to Russia twice, Greece and Bulgaria each once, and Turkey three times.
20) It was the residence of the Ottoman sultans from 1361 to 1453.
10) Founded by Hadrian around 125 A.D., Emperor Valens was defeated by the Visigoths at a 378 A.D. battle here.

ANSWER -- ADRIANOPLE

## 6) * 30 POINT BONUS *

Eugene O'Neill had four plays win the Pulitzer Prize for Drama. Name any three of these plays for 10 points each.

ANSWERS: BEYOND THE HORIZON
LONG DAY'S JOURNEY INTO NIGHT/
ANNA CHRISTIE
STRANGE INTERLUDE

## 7) * 30 POINT BONUS *

Answer these questions about recent events in the toy business for the given number of points.
A) The largest toy manufacturer and maker of G.I. Joe and Barbie dolls stunned Wall Street by offering to buy its closest competitor. For ten points each, name this sales giant, and the company that refused its offer for fear of antitrust laws.

ANSWERS -- MATTEL inc. and HASBRO inc. (Accept HASSENFIELD BROTHERS for Hasbro) B) Both Hasbro and Mattel are implicated in the Federal Trade Commission's current investigation of the largest toy retailer. For ten points, name this store accused of using marketing power to keep companies from selling through discount stores.

ANSWER -- TOYS "R" US
8) * 30 POINT BONUS *

You are probably aware that Cal Ripken Jr. now holds the record for most consecutive major league baseball games played. For 15 points each, given the sports league, tell who holds that leagueÆs record for most consecutive games played.
A) National Hockey League

ANSWER -- doug JARVIS
B) National Basketball Association

ANSWER -- Randy SMITH

## 9) * 30 POINT BONUS *

This year's Super Bowl was a major competition for more teams than Pittsburgh and Dallas. The Super Bowl is considered the single most important event for advertisers all year. Answer these questions about Super Bowl advertisers for ten points each.
A) What motor vehicle company paid 2.4 million dollars for 60 seconds of air time in which Jack Palance promotes the tough version of their new F150 truck?

ANSWER -- FORD motor co.
B) What Dallas Cowboys player logged more air time during the Super Bowl than any other person by making extra appearances during the commercial breaks in advertisements for Pepsi and General Mills?

ANSWER -- deion SANDERS
C) What other entertainment event is considered the Super Bowl for female advertisements because of its wider appeal to all watchers?

ANSWER -- the ACADEMY AWARDS
10) With more and more people sending email and posting to newsgroups and mailing lists, some commonly used phrases are now usually just written as acronyms. For ten points each, given these acronyms, tell what phrase each represents.
A) FWIW

ANSWER -- FOR WHAT ITS WORTH /
B) MOTSS ANSWER -- MEMBER OF THE SAME SEX
C) ROTFL

ANSWER -- ROLLING ON THE FLOOR LAUGHING
11) * 20 POINT BONUS *

For ten points each, answer these questions about the Ballet Russe.
A) First, what Russian impresario brought the Ballet Russe to Paris in 1909 ? ANSWER -- sergei DIAGHILEV
B) For another ten points, what Russian-bom American choreographer of Diaghilev's Ballet Russe helped to found the School of American Ballet in 1934? ANSWER -- george BALANCHINE
12) * 25 POINT BONUS *

Answer these questions about the most recent Golden Globe awards for 5 points each.
A) The first people this Globe winner thanked were "the makers of Kaopectate."

ANSWER -- brad PITT
B) The winners for Best Actress in a comedy, Best Musical or Comedy, and Best Director were all from the same country. Name them and their country.

ANSWERS -- nicole KIDMAN , BABE, mel GIBSON, AUSTRALIA
13) *30 POINT BONUS *

Name the person, 30-20-10.
30) She left McClure's magazine to form American Magazine with Lincoln Steffens.
20) Her 1939 memoirs, All In a Days Work, tell of her experience as a non-fiction writer in the early 20th century.
10) She exposed ruthless competitive practices in her History of the Standard Oil Company.

ANSWER -- ida m. TARBELL
14) * 30 POINT BONUS *

For ten points each, identify the terms from economics from the descriptions given.
A) An item, such as a factory, which is not consumed, but makes it possible to have greater consumption in the future. ANSWER -- CAPITAL GOOD
B) The current market value of a firm's plant, equipment, inventories, and intangible assets. ANSWER -- CAPITAL STOCK
C) An increase in the value of an asset over the price initially paid for it. ANSWER -- CAPITAL GAIN
15) Identify the artist from works on a $30 / 20 / 10$ basis.
30) "King Solomon Receiving the Queen of Sheba", and "The Death of Adam", both 1455
20) "Madonna and Child with Saints and the Duke of Urbino", 1472-75
10) "Resurrection", 1463, and "Testing of the True Cross", 1455

ANSWER --- Piero DELLA FRANCESCA
16) * 30 POINT BONUS *

How well do you know your first ladies? Given the names of six first ladies, give their maiden names for 5 points each.
A) Martha Washington

ANSWER - DANDRIDGE (accept "Custis")
B) Sara Polk

ANSWER -- CHILDRESS
C) Mary Lincoln ANSWER -- TODD /
D) Eleanor Roosevelt

ANSWER -- ROOSEVELT
E) Mamie Eisenhower

ANSWER -- DOUD -
F) Thelma Nixon

ANSWER -- RYAN ${ }^{/}$

## 17) * 30 POINT BONUS *

For ten points each, name the Roman hill, given the description.
A) Originally occupied by the Sabines, and later a cemetery, Nero began, but never completed, construction of his Golden House here.

ANSWER -- ESQUILINE
B) The highest of the hills, it contains the palace which began as a papal summer home, and now houses the president of Italy. ANSWER -- QUIRINAL
C) This hill is the site of the oldest Roman settlement. According to legend, Romulus selected this hill to begin his new city.

ANSWER -- PALATINE

## 18) * 25 POINT BONUS *

Although the University of Massachusetts has the nation's top-ranked basketball team, January has also brought some tragedy to the university's athletic program.
A) First, for ten points, name the star basketball player for Massachusetts who collapsed before a game, but is now playing again.

ANSWER -- marcus CAMBY ${ }$
B) Camby's collapse came just 4 days after a Massachusetts swimmer died of an apparent heart attack during a meet against Dartmouth. For 15 points, name him.

ANSWER -- greg MENTON
19) * 30 POINT BONUS *

Answer these questions about dimensionless numbers for 10 points each.
A) This number is defined as the ratio of flow velocity to local sonic velocity, as in airplane speed vs sound speed.

ANSWER -- MACH number
B) This number involves viscosity effects, with large numbers indicating turbulent flow and small numbers indicating laminar flow. ANSWER -- REYNOLDS number
C) When gravity forces govern fluid flow, as in a parachute falling, this number must be the same in dynamically similar systems. ANSWER -- FROUDE number
20) * 30 POINT BONUS *

In the late 12 th century a conflict arose between the Christian Church and the secular ruler, over who had the right to appoint clergy.
A) First, for 15 points, name the European emperor who temporarily submitted to the pope at Canossa before then invading Rome.

ANSWER -- Holy Roman Emperor HENRY IV
B) For another 15 points, name the pope who excommunicated Henry for his refusal to give up investiture rights.

ANSWER -- GREGORY VII or HILDEBRAND
21) * 30 POINT BONUS *

When the Iron Curtain fell, the western world learned a lot about the governments of Eastern Europe, including the names of each country's secret service.
A) For ten points, what was the name of East Germany's secret service that was also known as the Office of State Security?

ANSWER -- STASIS
B) For another ten points, which Czechoslovakian agency was ordered purged immediately after the

November Revolution?
ANSWER -- STATNE BEZPECNOST
C) For a final ten points, what was the name of the widely feared secret service of Poland?

ANSWER -- ZOMO

## 22) * 20 POINT BONUS *

For ten points each, identify these wonders of the ancient world from their description.
A) The favorite of Philos, the maker of the list, it was 225 feet wide, 525 feet long, and held up by 127 marble columns. It was destroyed and rebuilt three times before being finally buried by the Goths. It was unearthed in 1874 by J.T. Wood.

ANSWER -- the TEMPLE OF DIANA AT EPHESUS
B) This building was used mainly as a library for the minions of Ptolemy. It was 400 feet high and could be seen from 300 miles away.

ANSWER -- the LIGHTHOUSE on the isle of pharos in ALEXANDRIA
23) * 30 POINT BONUS *

Identify these things inside the arctic circle.
5/each) The bay and strait the separate Greenland from Baffin Island.
DAVIS Strait and BAFFIN Bay
10) The Russian peninsula which contains the city of Murmansk.

KOLA Peninsula
10) The native name for Greenland. KALAALLITT NUNAAT
24) * 25 POINT BONUS *

Given a book that became a movie, name the book's author for 5 points each.
A) The Prince of Tides ANSWER -- pat CONROY
B) House of the Spirits

ANSWER -- isabel ALLENDE
C) The Godfather ANSWER -- mario PUZO
D) Presumed Innocent ANSWER -- scott TURROW
E) Kramer Versus Kramer ANSWER -- avery CORMAN

