## 2000 Mad City Masters

## Tossups by Mike Henninger's Team and Robert Whaples

1. The 54 Jo of this work follow the exploits of a man of noble breeding who woos three wives and a series of mistresses with his poetry. It was written over several years during the early 11 th century by an attendant to Empress Akiko of Japan. For 10 points-name this early novel by Lady Murasaki Shikibu.

Answer: The Tale of Genji or Genji Monogatari
2. Each of the four stages discemed by this man covers two to five years of cognitive development. They are the sensorimotor, preoperational, concrete operational, and formal operational. For 10 points-name this Swiss psychologist and pioneer in the study of childhood intelligence.

Answer: Jean Piaget
3. Despite what you may have seen in the movies, the blade of this large two-edged broadsword was actually not sharp. This type of blade was used as a thrusting weapon and was sometimes even taken by the blade and used to club armor-wearing opponents into submission. For 10 points-name this sword that was designed to sweep the legs out from under a horse, once used by Scottish Highlanders.

Answer: claymore or claidheamhmor
4. In 1972 a crack commando unit was sent to prison by a military court for a crime they didn't commit. These men promptly escaped from a maximum-security stockade to the Los Angeles underground. Today, still wanted by the government, they survive as soldiers of fortune. If you have a problem, if no one else can help, and if you can find them, maybe you can hire them. For 10 points-name this TV-show-based unit, consisting primarily of Howling Mad Murdoch, "Hannibal" Smith, Templeton "Face-man" Peck, and "BA" Barracus.

Answer: the A-Team
5. A pioneer in the use of statistical mechanics, in the 1870 s he demonstrated that the second law of thermodynamics could be explained by statistically analyzing the motions of atoms. His namesake law is also known as the principle of the equipartition of energy. For 10 points-name this Austrian physicist whose namesake constant has a value of $1.38 \times 10^{-23}$ joules per degree Kelvin and relates the average kinetic energy of a gas to its temperature.

Answer: Ludwig Boltzmann
6. He began his newspaper career as a sportswriter, but gained fame for the cartoons he would draw on slow news days. They were depictions of people with extraordinary and odd physical talents. For 10 points-name this man who lived on an island in Long Island Sound known as Bion (BYE-on), an acronym for his famous syndicated column, Believe It or Not.

Answer: Robert Ripley (accept LeRoy Ripley)
7. This book is concerned primarily with the wars of the elves against Morgoth for the possession of the jewels crafted by Feanor. It spans the entirety of the first age of Middle Earth, and contains some information about the third age, in which J.R.R. Tolkien's more famous works, The Hobbit and The Lord of the Rings, take place. For 10 points-what is this under-appreciated book, named after the jewels called silmarils?

Answer: The Silmarillion
8. A city of ancient Macedonia near the river Gangites, it was first fortified to protect the gold mines that surrounded it. It was the first place in Europe where St. Paul preached the gospel, but is probably best recognized as the site of the 42 BC battle where Octavian and Antony defeated Brutus and Cassius. For 10 points-name this city founded by-and named for-the father of Alexander the Great.

Answer: Philippi
9. One of America's great early scientists, he created the U.S. Weather Service, and was the first secretary of the Smithsonian Institute. He truly excelled in the field of electromagnetism, greatly improving the design of the electromagnet as well as discovering self-inductance. For 10 points-who is this man for whom is named the SI unit of inductance?

Answer: Joseph Henry
10. When Alfred, Lord Tennyson died, a copy of this play was found in his hand. Among other things, the play is known for the stage direction "Jupiter descends in thunder and lightning, sitting upon an eagle; he throws a thunderbolt." For 10 points-name this Shakespearean tragedy about an ancient king of Britain.

## Answer: Cymbeline, King of Britain

11. In 1815 he became New York's Attorney General, and soon thereafter formed with Benjamin Butler, William March, Samuel Talcott and Edwin Croswell a group called the Albany Regency, controlling the Bucktails, as Tammany supporters were then called. In 1829, he was inaugurated as governor, but resigned to become Senator, a post which he soon gave up to become Secretary of State. His relationship with the President was cemented when he paid a social call to Peggy Eaton, who had been ostracized by other Cabinet members and their wives. For 10 points-name this man who four years later became Jackson's Vice President, and later his successor.

Answer: Martin Van Buren
12. This story has been the subject of many musical compositions over the last two centuries, including works by Sergei Prokofiev and Hector Berlioz, but the most famous version is probably the Overture by Pyotr Tchaikovsky, which includes a theme that has since become synonymous with the feeling of love at first sight. For 10 points-name this tale in which "civil blood makes civil hands unclean."

Answer: Romeo and Juliet
13. When a star has grown old and expanded into a giant star, it will more often than not contract into a white dwarf. If, however, the star has more than 1.44 times the mass of the sun, it must first go nova, blowing off excess mass. For 10 points-give the name for this limit of 1.44 solar masses.

Answer: Chandrasekhar's (CHAND-ra-seek-er) Limit or Chandrasekhar mass limit
14. He was martyred by the Emperor Diocletian after he freed the emperor's son of an evil spirit, but refused to sacrifice to the gods, thus implying that his cure came of witchoraft. He is the patron saint of actors, comedians, epileptics, Czechoslovakians, and dancers. For 10 points-name this saint whose name has become associated with chorea, a nervous disease that causes frenzied, dance-like convulsions.

Answer: Saint Vitus
15. "Monsters cannot be announced. One cannot say: 'here are our monsters,' without immediately turning the monsters into pets." This quote comes from The States of Theory, a book by a contemporary philosopher. For 10 points-name this French proponent of deconstructionism.

Answer: Jacques Derrida
16. Reportedly the sound of gunfire was so loud that Confederate soldiers charging across a cotton field, stopped to pluck raw cotton from the open bolls and stuff it into their ears. The battle was began on December 31, 1862 and ended on January 3, 1863. After Perryville, the Confederates under Bragg waited for Rosecrans in this town. Few Civil War battles cost more, with 23,000 deaths, and meant less, since the rebels retreated but still blocked the road to Chattanooga. For 10 points-name this Tennessee battle.

Answer: Murfreesboro
17. Research done by looking at pollen particles in water helped to further the kinetic theory of matter and determine Avogadro's number. The discovery that suspended particles are in a constant state of motion was proved on a microscopic level by Einstein. For 10 points-what is this type of motion named after the Scottish botanist that discovered it?

Answer: Brownian motion
18. After returning from the war with a piece of shrapnel in his liver and a dependence on morphine, this title character returns to his wife, Sophie, who has been crippled psychosomatically ever since a car accident in which he was the drunken driver. In an argument, he accidentally kills Nifty Louis Fomorowski, the local pusher. In the end, he hangs himself from the chicken-wire top of his flophouse cubicle. For 10 points-identify this title character of a Nelson Algren novel whose real name is Frankie Majcinek (or Frankie Machine).

Answer: The Man With the Golden Arm (accept Frankie Maicinek or Frankie Machine on early buzz)
19. Styles of art have often gotten their names from terms of derision used by critics; for instance, one style of Western art and music got its name from a word roughly translated as "flawed pearl." For 10 points-name this art style, associated with the 17th and early 18th centuries.

Answer: Baroque
20. Among the 18 th-century French philosophes, he was the only major player with a university degree. It showed as he wrote on topics as diverse as mythology and mathematics. His novels, however, such as Jacques the Fatalist, were widely ignored. For 10 points-who was this man who sought make a compendium of all knowledge in his

## 17-volume Encyclopedie?

Answer: Denis Diderot
21. Wally Moon and Bob Grim, 1954. Frank Howard and Ron Hansen, 1960. John Montefusco and Fred Lynn, 1975. Mark Fidrych and Butch Metzger tied with Pat Zachry, in 1976. Five Dodgers in a row beginning in 1992. For 10 points-what award did they all win?

Answer: Rookie of the Year
22. This film was the first in history in which a son directed his father's Oscar-winning performance. After the credits, a close-up of a lottery list shows the winning numbers drawn in the Mexican National Lottery, dated February 14,1925 . The camera pulls back to the hands of a man holding a lottery ticket. The scraggly-looking bum, a dirty and ragged scrounger (later identified as Fred C. Dobbs) tears his losing ticket to pieces. For 10 points-name this 1948 movie that won Oscars for John and Walter Huston, but not for Humphrey Bogart.

Answer: The Treasure of the Sierra Madre

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## Bonuses by Mike Henninger's Team and Robert Whaples

1. Name the films for which the following people won Academy Awards in the given years:
A. For 5 points-Broderick Crawford in 1950.

Answer: All the King's Men
B. For 5 points-Katherine Hepburn in 1968

Answer: Guess Who's Coming to Dinner?
C. For 5 points-Richard Attenborough in 1983

Answer: Gandhi
D. For 15 points-John Williams in 1972.

Answer: Fiddler on the Roof (for adaptation of the original score)
2. For 10 points apiece-identify each chemical from the human body:
A. The chemical that bonds to Acetyl-CoA to begin the Krebs cycle.

Answer: oxaloacetic acid or oxaloacetate
B. The enzyme affected by serin gas.

Answer: acetylcholinesterase
C. The amino acid that is coded for by the "start" codon.

Answer: methionine
3. For 5 points each-name the African nation with which each historical leader was associated:
A. Ian Douglas Smith

Answer: Zimbabwe or South Rhodesia
B. Patrice Lumumba
C. Muhammed Nimeiri
D. Abd al-Qadir
E. François Tombalbage
F. Jean-Bedel Bokassa

Answer: (Belgian) Conge or Democratic Republic of the Conge or Zaire
Answer: Sudan
Answer: Algeria
Answer: Chad
Answer: Central African Republic or Central African Empire
4. Kenyon Martin was the first player chosen in this year's NBA draft. For 10 points each, and given a clue-name the next three.
A. Forward from LSU, to the Grizzlies
B. Forward from East Saint Louis High School, to the Clippers
C. Forward from Iowa State, to the Bulls

Answer: Stromile Swift
Answer: Darius Miles
Answer: Marcus Fizer
5. For 5 points each-identify the authors of these works of children's literature identified by the School Library Journal as among the 100 books that shaped the century:
A. A Wrinkle in Time
Answer: Madeleine L'Engle
B. The Pushcart War
Answer: Jean Merrill
C. The Westing Game
Answer: Ellen Raskin
D. Zlateh the Goat
Answer: Isaac Bashevis Singer
E. Mary Poppins
Answer: P(amela) L(yndon) Travers
F. The Pigman
Answer: Paul Zindel
6. Given a description of the horrible disease or condition happening to you, for 10 points each-name it.
A. All that time you spend inside on the internet eating nothing but junkfood has caused small holes to form in your bones.

Answer: rickets
B. Your failure to look after that cut you got from slicing a bagel has caused the finger to turn black and smell of cottage cheese.

Answer: necrosis or gangrene
C. You picked up a parasite in South America which has blocked your lymph channels causing your extremities to swell up like balloons.

Answer: elephantiasis
7. For 10 points each-answer the following questions about Mormons:
A. Joseph Smith reported that the golden tablets of the Book of Mormon were revealed to him at what New York state town?

Answer: Palmyra
B. Governor Lilbourne Boggs of what state issued an extermination order against Mormons that wasn't taken off the books until the mid-20th century?

Answer: Missouri
C. Who is the current prophet and president of The Church of Jesus Christ of Latter-Day Saints?

Answer: Gordon B. Hinckley
8. 30-20-10. Name the city.
A. Founded in 1915 as a port of entry for war supplies, it became an important navy yard, most famous for its submarine pens.
B. It is located on the Kola inlet, an arm of the Barents Sea.
C. This Russian city is the largest city in the world above the Arctic Circle

Answer: Murmansk
9. Technology development continues at its break-neck pace. For the stated number of points-identify the required piece of information about a recent technology breakthrough.
A. The 1996 nuclear test ban treaty heralded the return of the big iron as nuclear weapons tests ceased and supercomputers were needed to digitally model the blasts instead. The latest of these massively parallel supercomputers-the world's fastest-was sold to Lawrence Livermore National Laboratory and runs at a peak of 12.3 teraflops. Name it, for 15 points.

Answer: ASCI White or Accelerated Super Computing Initiative White
B. On June 30, 2000 President Clinton signed a bill into law using two different methods. For 10 points-the bill gave full legal validity to what?

Answer: digital signatures
C. For 5 points-this company beat the Human Genome Project to the punch, announcing on June 26, 2000 that they were the first to record the entire human genetic code, albeit with a shotgun method.

Answer: Celera Genomics Corporation
10. For 10 points each-name the following wives of Henry VIII:
A. The "great Flanders mare" Answer: Anne of Cleves
B. The "rose without a thorn" Answer: Katherine Howard
C. The wife that Henry was buried next to. Answer: Jane Seymour
11. Since this tournament takes place in Madison, what better place for a bonus about the soul singer killed when his twin-engine plane crashed into a Madison lake following a 1967 concert here. For 10 points each-
A. Name that influential rhythm and blues musician

Answer: Otis Redding
B. Name Redding's biggest hit single, his 1967 song about "watching that tide roll away."

Answer: (Sitting on the) Dock of the Bay
C. What bay is it that is referenced in this song?

Answer: San Francisco Bay (accept Frisco Bay)
12. Answer the following questions about Schroedinger's equation, for the stated number of points:
A. Schroedinger's equation is a scalar valued function. For 10 points-what man came up with the more appropriate vector valued version of this function?

Answer: Paul Adrien Maurice Dirac
B. For 10 points-name the principle that dictates that identical particles with the same energies in the same region of space must have anti-symmetric wave functions.

Answer: Pauli Exclusion principle
C. For 5 points-name the general class of particles that obeys the Pauli exclusion principle.

Answer: Fermions
D. For your final 5 points-name the general class of particles that does not obey the Pauli exclusion principle.

Answer: Bosons
13. 30-20-10. Name the writer.
A. His early biographers largely ignored the work for which he is best-known today, heaping their praise instead on his encyclopedic Genealogies of the Pagan Gods.
B. His last work of fiction was the misogynist Corbaccio, or The Evil Crow, published in 1355.
C. He is best known for a vernacular collection of tales told by people fleeing the Black Death.

Answer: Giovanni Boccaccio
14. For 10 points each-identify these composers who drew inspiration from geography:
A. The American composer of the Grand Canyon Suite.

Answer: Ferd Grofe
B. The Czech composer of "From Bohemia's Mountains" and "The Moldau"

Answer: Bedrich (or Friedrich) Smetana
C. The British composer of Sinfonia Antarctica

Answer: Ralph Vaughan Williams
15. Three time losers. Given the years in which the man gained electoral votes from presidential electors but lost; name the unfortunate candidate.
A. For 5 points- $1896,1900,1908$ Answer: William Jennings Bryan
B. For 10 points- $1824,1832,1844$

Answer: Henry Clay
C. For 15 points- $1800,1804,1808$

Answer: Charles Cotesworth Pinckney
16. For 10 points each-answer these questions about works in economic history, which have recently been selected by EH.NET as among the most significant books in economic history of the 20th century:
A. EH.NET's first selection was this volume by Milton Friedman and Anna Schwartz, a study of the years 18671960?

Answer: A Monetary History of the United States, 1867-1960.
B. Another selection was this book by Max Weber, describing the role of the Reformation on the rise of capitalism.

Answer: The Protestant Ethic and the Spirit of Capitalism
C. A third selection is Railroads and American Economic Growth: Essays in Econometric History. Name the Nobel-winning cliometrician who wrote this book and also made quite a stir when he published Time on the Cross:
The Economics of American Negro Slavery, with Stanley Engerman.
Answer: Robert Fogel
17. Some Do Not . . ., No More Parades, A Man Could Stand Up-, and The Last Post are the four books which collectively make up...
A. For 10 points-what monumental British novel of the 1920s? Answer: Parade's End
B. For 5 points-by what author, born with the last name "Hueffer"?

Answer: Ford Madox Eord
C. For 15 points-who is the central character, who comes to the realization that "there will be no more parades"?

Answer: Christopher Tietjens
18. For 10 points each-name these Aztec deities:
A. The god of war and the sun.

Answer: Huitzilopochtli
B. The god of rain and fertility.

Answer: Tlaloc
C. The god of the moon

Answer: Metztli
19. "In the first book, O Theophilus, I have dealt with all that Jesus began to do and teach, until the day when he was taken up, after he had given commandment through the Holy Spirit to the apostles whom he had chosen." For 10 points each-
A. Name the book of the Bible that begins this way.

Answer: Acts (of the Apostles)
B. In the first chapter of Acts, the Apostles select a replacement for Judas. Name either of the men considered for this position.

Answer: Matthias or Joseph (who was called Barsabbas, who was surnamed Justus)
C. In the fifth chapter of Acts a married couple sell their property and donate some of the proceeds to the church, while claiming to have donated all of the proceeds. When their deception is discovered by Peter, they drop dead. Name either of them.

Answer: Ananias or Sapphira
20. Name these artists whose works hang in Munich's Pinakothek Museum, for 10 points each:
A. This German's works in Munich include The Four Apostles, Lucretia, and Self-Portrait in a Fur Coat. Hint: He was born in 1471.

Answer: Albrecht Dürer
B. This Flemish painter's works in Munich include Drunken Silenus, Battle of the Amazons, Fall of the Rebel Angels, Apotheosis of Henry IV and The Regency Given to Marie de Medici. Hint: He was born in 1577.

Answer: Peter Paul Rubens
C. This Spaniard's works in Munich include Girls Selling Fruit and Boys Eating Fruit. Hint: He was born in 1618.

Answer: Bartolome Estéban Murillo
21. For 10 points each-answer these questions about Charles Lindbergh's famous flight across the Atlantic:
A. Lindbergh won $\$ 25,000$ for his feat. What was this prize called?

Answer: The Orteig Prize
B. At what airport, near Paris, did he land? Answer: Le Bourget
C. Who was the manufacturer of the Spirit of St. Louis?

Answer: Ryan (it was a Ryan NYP monoplane)
22. For 10 points each-given a line or two, possibly in translation, name the poet.
A. "The white chrysanthemum / Even when lifted to the eye / Remains immaculate." Answer: Matsuo Basho
B. "I had a little sorrow, / Born of a little sin." Answer: Edna St. Vincent Millay
C. "But from each crime are born bullets / that will one day seek out in you / where the heart lies." Answer: Pablo Neruda

