

**Iowa State University**  
**The Beautiful and Damned**

October 25-26, 1996 - Ames, Iowa

**Round Three**

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**Toss-ups**

*(History: Japan)*

1. Its earliest form came from the kabuki-mono, meaning "crazy ones," who carried long swords in public. They were the out-of-work samurai during the peace of the Tokugawa era. Today they are mostly criminal and led by an oyabun to whom members swear allegiance. FTP, what is this Japanese version of the American mafia?

Yakuza

*(Miscellaneous)*

2. In the fall of 1898 two men met at a Wisconsin hotel; they had been strangers, but they came up with the notion of forming an association of Christian traveling men. The resulting association took its name from a story of a man in the 6th and 7th chapters of the book of Judges. FTP, give the name of this group famous for placing Bibles in motel rooms.

the Gideons

**Bonuses**

*(Literature: Greek)*

1. Zeus took on many different forms for his amorous exploits. For ten points apiece given the woman or goddess, give the form he took in his pursuit of her.

A. Europa

bull

B. Danaë

shower of gold (golden shower, sunlight)

C. Leda

swan

*(Literature: American, post-1900)*

2. Identify the Black American writers from titles for ten points apiece.

A. *Flight from Canada, Mumbo Jumbo*

Ishmael Reed

B. *The Third Life of Grange Copeland, The Temple of My Familiar*

Alice Walker

C. *At the Bottom of the River, Lucy*

Jamaica Kincaid

*(Biology: Genetics)*

3. This member of the mustard family is small enough to fit in a test tube and completes a generation in 6 weeks. It has one of the smallest genomes of all plants, making it ideal for genetic research. For ten points name this "fruit fly of plant genetics" which will have a completely mapped genome within two years.

Arabidopsis thaliana

*(Geography: United States)*

4. This city contains Ponce de Leon's tomb. Other features include the governor's mansion La Fortaleza and San Jose Church, both the oldest structures of their type in continuous use in the Western Hemisphere. FTP, identify this city, the capital of Puerto Rico.

San Juan

*(Physics: People)*

5. He determined that the beta particle was identical to the electron, but is more famous for his discovery of radiation, found in certain uranium salts. FTP, identify this scientist who shared the 1903 Nobel Prize in Physics with the Curies.

Antoine-Henri Becquerel

*(History: Canada)*

3. The northern section of Québec has become a semi-autonomous homeland for indigenous peoples. Answer the following questions about this region for ten points apiece.

A. What name is now given to the region?

Nunavik [Wrong: Nunavut]

B. Of the indigenous peoples of Nunavik, which nation forms a majority?

Inuit [IH-noo-it] [Wrong: eskimoes]

C. The autonomy, as well as a large cash subsidy, was arranged because of a utility project which destroyed the fishing along several rivers. In which body of water was this utility project located?

James Bay

*(Hard Science: Astronomy)*

4. Identify the following relating to the use of diffraction gratings in astronomy.

A. What property of stars can be measured by examining the redshift or blueshift of spectral lines?

Radial velocity

Accept: any answer which indicates the player knows that it is only the component of the velocity parallel to the earth-star vector.

B. What property of stars can be measured using the Zeeman effect?

Magnetic field

C. What element was the first discovered extraterrestrially with the help of the diffraction grating?

Helium

*(Literature: Italian)*

5. Identify the Italian author from titles for the stated number of points.

A. For five points, *Foucault's Pendulum*

Umberto Eco

B. For ten points, *Tonight We Improvise, Henry IV*

Luigi Pirandello

C. For fifteen points, *Cosmicomics, If on a winter's night a traveler*

Italo Calvino

(Sports: Volleyball)

6. Designed in 1895 by William Morgan as a sport for businessmen who found basketball too vigorous, it was originally called "mintonette". Some of its American stars have included Stephen Timmons, Randy Stoklos, Sinjin Smith, and "Karch" Kiraly. FTP, identify this sport played with an 8-foot high net where players bump, set, and spike the ball.

Volleyball

(History: American, political, 1800-1875)

7. It was headquartered at 331 Madison Avenue and took its name from a colonial society named for a Delaware Indian chief renowned for his wisdom. It began as a "fraternity of patriots" but soon came to have a political purpose as the Democratic political machine of New York City. FTP, what is this political organization whose bosses included William Tweed?

Society of Tammany (Tammany Hall)

(Literature: South American)

8. He served as his country's ambassador to India from 1962 to 1968, when he resigned in protest of Mexico's treatment of student radicals. Among his poetry collections are *The Sun Stone* and *Airborn*. FTP, identify this man who analyzed the culture and history of Mexico in *The Labyrinth of Solitude*.

Octavio Paz

(Mathematics: Trigonometry)

9. It is given by  $e$  to the  $i$   $x$  plus  $e$  to the minus  $i$   $x$  over 2 and is the real part of  $e$  to  $i$   $x$ . It's defined as the sum from  $n$  equals zero to infinity of  $i$   $x$  to the  $2n$  over  $2n$  factorial. FTP, what is this function of  $x$  with maxima at integral multiples of  $2\pi$ , best known as the husband of the sine function?

cosine x (cos x)

(Geography: Australia)

6. VISUAL BONUS. The moderator will provide you with a map of Australia. Answer the following questions for ten points apiece.

A. Which letter is closest to Ayer's rock?

K

B. Which letter is within the Great Sandy Desert?

H

C. Which letter is along the coast blessed with the Great Barrier Reef?

E

(Sports: Football)

7. How much do you know about the Heisman Trophy? I'll give you a team and a year and you'll supply me with the name of the player who won the Heisman Trophy that year as a member of the given team, for ten points apiece.

A. Ohio State, 1974, 1975

Archie Griffin

B. Colorado, 1994

Rashaan Salaam

C. Notre Dame, 1987

Tim Brown

(Visual Art: Sculpture, recognition)

8. The moderator will hand you three pictures of modern sculpture. Identify the sculptor of each for ten points apiece.

A. Henry Moore

B. Alberto Giacometti

C. Constantin Brancusi

(Literature: American, post-1900)

9. Identify the Beat poet from titles for ten points each.

A. "Constantly Risking Absurdity", "One Thousand Words for Castro"

Lawrence Ferlinghetti

B. "Axe Handles", "Riprap"

Gary Snyder

C. "A Supermarket in California", "Plutonian Odes"

Allen Ginsberg

*(Chemistry: Concepts)*

10. Take low-sulfur bituminous coal and heat it at 1100 Celsius in an airtight oven. The coal can't burn, but many of the solid impurities will turn to gases leaving a solid foamlike mass of pure carbon. FTP, what is this product most of which is consumed in the purification of iron?

Coke

## HALFTIME

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*(Literature: English)*

11. The title character is rescued from child labor by his great-aunt Betsy Trotwood. He is then apprenticed to the lawyer Mr. Wickfield with whose daughter Agnes he falls in love. FTP identify this semiautobiographical Charles Dickens work that is not about a magician.

David Copperfield

*(Social Science: Psychology)*

10. Identify the psychoanalyst from clues for the stated number of points.

A. For five points, this man developed analytic psychology. He was concerned with the spiritual aspect of human personality and developed the theory of the collective unconscious.

Carl Jung

B. Breaking from Freud, he believed that the primary drive in human motivation was the need for power and social success. For ten points, name him.

Alfred Adler

C. He applied psychoanalytic theories to mentally disturbed children and wrote *The Uses of Enchantment*. For fifteen points, identify him.

Bruno Bettelheim

*(Physics & Math: History)*

11. Answer the following questions about isochronicity.

A. (5) Which scientist first noted the approximate isochronicity of pendula and tried, but failed, to build a clock on this principle?

Galileo Galilei

Accept: Galileo

B. (10) What quantity is assumed to be equal to the angle the pendulum makes with the vertical in Newton's equations of motion to derive an isochronic solution?

the sine of the angle the pendulum makes with the vertical

C. (5) Which physicist did build a clock based on the approximate pendular isochronicity but also discovered the curve on which a ball could roll isochronically?

Christian Huygens [HOY-gens]

D. (10) What name is given to that curve?

Cycloid (brachistochrone, tautochrone)

(Philosophy: People)

12. After an impressive career as a mathematician including writing *A Treatise on the Universal Algebra*, he turned to the philosophy of science to attack Einstein's General Relativity as epistemologically unsound, putting forth his own process philosophy in its place. FTP, who is this Cambridge scholar and fan of Henri Bergson, best known for co-authoring *Principia Mathematica* with Bertrand Russell?

Alfred North Whitehead

(Modern Culture: Film)

13. A self-righteous firebrand from the country comes to New York and has affairs with a local dancer and an English professor. The professor is bent on assimilation and won't kiss in public; the dancer flaunts her sexuality and is beaten for it. FTP, in which 1996 movie do all three of these male characters appear?

Stonewall

(Economics)

14. This economist's *Mind and Society* stressed the irrational elements of social life and emphasized the role of leading groups. His criticisms of democracy led him to be considered an intellectual forerunner of fascism. FTP, who is this Italian nobleman whose called consumption points from which no party can benefit without harming another, "optimal"?

Answer: Vilfredo Pareto [pah-REH-toe]

(History: Southeast Asia)

12. Identify the following 20th century Vietnamese rulers for ten points apiece.

A. This last emperor of Vietnam presided over the division of his country and appointed the first prime minister of South Vietnam.

Bao Dai (Citizen Vinh Thuy)

B. This first president of South Vietnam ruled weakly and was assassinated with his brother and sister-in-law in 1965.

Ngo Dinh Diem [noh din ZEE-em]

C. This man chaired the Directory which ruled from 1965 until 1967 and then became president. He resigned to facilitate peace talks in 1975.

Nguyen Van Thieu [nwin vahn tyoo]

(Life Science: Cellular)

13. Given the description of bacterial shape and grouping, give the Latin scientific classification term for ten points each.

A. A pair of round bacteria

diplococcus

B. A cluster of spiral bacteria

taphylospirillum

C. A chain of rod-shaped bacteria

streptobacillus

(Classical Music: People)

14. Name the composer from works; 30-20-10:

30: *The Old Bachelor*; *The Double Dealer*

20: *King Arthur*; *Abdelazar*

10: *Dido and Aeneas*; *The Fairy Queen*

Henry Purcell

*(History: European)*

15. According to tradition, they were the descendants of a Varangian prince who was invited by the people of Novgorod to rule that city in 862. Their rule over Kievan Rus was consolidated by St. Vladimir, who introduced Christianity into the country. FTP, name this family, who ruled Kievan Rus and, later, Muscovy, until their male line died out in 1598.

Rurik dynasty

*(Literature: American, pre-1900)*

16. In 1808 as a 13 year old, he published a poem in Boston entitled "The Embargo" which attacked Jefferson's handling of international trade and his alleged affair with slave Sally Hemings. However, he is better known for his later works dealing with nature and death. FTP, name this author of "To a Waterfowl" and "Thanatopsis."

William Cullen Bryant

*(Current Events: Middle East)*

15. Identify the following parties causing no end of trouble in Kurdistan for ten points apiece.

A. This party, led by Jalal Talabani, accepted arms from a foreign nation which led his opponents to invite Saddam Hussein to support them with divisions of the Republican Guard.

Patriotic Union of Kurdistan (PUK)

B. This was the foreign nation that supported the Patriotic Union of Kurdistan. Islamic Republic of Iran

C. This is PUK's primary opponent, the group which invited Saddam Hussein's army. It is led by Massoud Barzani.

Kurdistan Democratic Party (KDP)

*(History: American)*

16. Given the Supreme Court decision, identify the primary issue of the case for ten points apiece. Often one word will do as an answer.

A. Griswold v. Connecticut

the state could not prohibit married couples from using contraception.

B. McCulloch v. Maryland

the federal government has the power to charter a national bank, which is immune from state taxation.

C. Mapp v. Ohio

evidence gained in violation of the 4th Amendment guarantee against search and seizure must be excluded in state and federal trials.

[Accept either underlined part.]

(Computer Science)

17. Before a tensor index it indicates covariant differentiation; it introduces comment lines in assembler; it suppresses carriage returns in BASIC print statements; it separates independent clauses without a conjunction within one sentence; and it terminates C commands. FTP, what is the punctuation mark which shares a typewriter key with the colon?

semicolon (;)

(Fine Arts: Dance)

18. This dancer caused controversy in classical ballet circles for dancing uncorseted, scantily clad, and barefooted, but drew huge crowds throughout Europe. Because she had married a Russian in 1922 she was labeled a Bolshevik and was driven from the stage of the Boston Symphony Hall causing her to leave America for good. FTP name this dancer who was strangled when her scarf was entangled in the wheels of a car.

Isadora Duncan

(Fine Arts: Painting)

19. Flaming tubas, leaves turning into birds, anthropomorphic chess pieces, and sometimes hundreds of little Belgians in bowler hats. FTP, these are all recurrent elements in the paintings of what man who produced *The Menaced Assassin* and *Time Transfixed*?

René Magritte

(Modern Culture: Literature)

17. For five points each, name the following science fiction authors from a title.

A. *Foundation*

Isaac Asimov

B. *Time Enough for Love*

Robert Heinlein

C. *Childhood's End*

Arthur C. Clarke

D. *The Left Hand of Darkness*

Ursula LeGuin

E. *Nine Princes in Amber*

Roger Zelazny

F. *The Man in the High Castle*

Philip Dick

(Classical Music: Recognition)

18. AUDIO BONUS. The moderator will play three excerpts from ninth symphonies. Identify the composers for ten points each.

A. Gustav Mahler

B. Franz Schubert

C. Anton Bruckner

(Literature: Miscellaneous)

19. Identify the following works concerning dead nuns for ten points apiece.

A. This poem details the drowning death of five Franciscan nuns exiled by the Falck Laws.

*The Wreck of the Deutschland*

B. This opera concerns the beheading of a convent during the French Revolution which would not renounce its religion.

*Les Dialogues des Carmélites* (*The Dialogues of the Carmelites*)

C. This play is the story of Temple Drake's attempt to expiate youthful sin by mature confession.

*Requiem for a Nun*

*(History: European)*

**20.** He attained the rank of major in WWI, and, afterwards, joined the Nazi party before Hitler. His major contribution to the early Nazi party was the use of his private army, which became the basis of the Sturmabteilung [STURM-ap-tie-lung] FTP, name this man, the leader of the SA, who was purged from the party and executed without trial as part of "The Night of the Long Knives".

Ernst Röhm (Roehm)

## END OF ROUND

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*(Miscellaneous)*

**E1.** Nathaniel Brown was the first to sight Antarctica; Alice Elvira Freeman was the youngest president of Wellesley; Alexander Mitchell was Wilson's attorney general; Potter built a famous Chicago hotel and developed State Street; Joel negotiated Indian treaties in the 1850's; Arnold Daniel was the first to win the Masters four times. FTP, what is their shared last name?

Palmer

*(History: Ancient)*

**E2.** He ended his life as a military advisor to Antiochus of Syria, still struggling against the nation which had rolled his brother Hasdrubal's head into his camp after his defeat by Claudius Nero. FTP, who was this Carthaginian of Alps-crossing fame?

Hannibal Barca

*(Philosophy: Works)*

**20.** Identify these principle texts of existentialism for ten points apiece.

A. This work deals with "essence" and "existence" and the implication of one coming before the other.

Jean-Paul Sartre's Being and Nothingness

B. This essay asserts and attempts to answer the only question of philosophy: "Should man commit suicide?"

Albert Camus' The Myth of Sisyphus

C. This work describes the irrationality of religion as evidenced by the story of Abraham and Isaac.

Søren Kierkegaard's Fear and Trembling

*(Current Events: Medicine)*

**E1.** Give the reason each of the following drugs has been in the news recently for ten points apiece.

A. DHEA

popular claims that it can reverse aging in males

B. GHB

used to stupefy women as preparation for date rape

C. Dexfenfluramine

part of Redux, a popular diet drug [Accept either]

*(History: European)*

**E2.** Identify these urbane popes for ten points apiece. The answers will not be given until the end of the question.

A. This pope during most of the Thirty Years' War founded an international seminary to train missionaries and opened China and Japan to them.

Pope Urban VIII

B. This pope presided over the Council of Clermont in 1095 and told Christians that God willed them to go on a crusade.

Pope Urban II

C. This pope was the first to return permanently to Rome after the Babylonian captivity and then went power-mad

Pope Urban VI (Bartolomeo Prignano)

*(Philosophy: People)*

**E3.** He lent his name to the quantum mechanical effect in which radioactive decay is slowed by continuous observation as well as a series of four thought experiments designed to prove the Parmenidean theory of the impossibility of motion and the illusory nature of nature. FTP, name this Eleatic philosopher whose talked of a race between Achilles and the Tortoise and of an arrow in flight.

Zeno of Elea

*(Modern Culture: Computer Games)*

**E4.** A trophy case in a white house, an inflatable raft, a jewel-encrusted egg, a sword which glows blue when danger approaches, a window that's slightly ajar, and flood control dam #13 are all objects that can be found, FTP, in which classic all-text computer adventure game from Infocom?

Zork I

*(Literature: English)*

**E5.** Mary is gotten pregnant by Bentham. Jonny is killed for betraying Fancred, an Irish Republican fighter. The Boyles inheret money only to find out that the will was incorrectly made out and that they'll never get a cent of it. FTP, identify this Sean O'Casey play in which Mrs. Boyle compares her husband's carousing to the strutting of a vain bird.

Juno and the Paycock

*(History: American, pre-WWII)*

**E6.** "Caesar had his Brutus, Charles the First his Cromwell, and George the Third...may profit by their example," he spoke in a speech against the Stamp Act, while serving in the House of Burgesses. FTP, name this man more known for his speech in favor of a military defense of the colonies in which he uttered memorable phrase "Give me liberty or give me death!"

Patrick Henry



