

## Iowa State University The Beautiful and Damned

October 25-26, 1996 - Ames, Iowa

### Round Fifteen

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#### Toss-ups

(Bible)

1. He bought his first wife for the price of one hundred Philistine foreskins. His second had provided his band with supplies after her previous husband, Nabal, refused to do so. His fourth was taken after her husband was killed at Rabbah, having been placed in the front lines at his orders. FTP, who is this Israelite king, and husband of Michal, Abigail, and Bathsheeba?

David, son of Jesse

(History--Americas--1500's--Political)

2. He saved an abandoned colony by transplanting it across the Gulf of Uraba. In reward, he was made governor of the southern coast of Panama (which he had found). His supervisor, Pedrarias Davila, felt threatened and fabricated evidence of treason against him, resulting in his execution. FTP, who is this Spanish explorer, famed for discovering a peaceful ocean?

Vasco Nuñez de Balboa

[VAHS-koh NOO-nyez day bal-BOH-uh]

#### Bonuses

(Chemistry: Miscellaneous)

1. Identify the following laws of chemistry for ten points apiece.

A. The enthalpy of reaction for the stoichiometric sum of two reactions is the sum of the enthalpies of reaction for the components.

Hess' Law

B. The partial pressure of a component of a solution is equal to the mole fraction of that component times the vapor pressure of the pure component.

Raoult's Law

C. The electromotive force of an electrochemical cell is given by the standard electromotive force of the cell minus a constant times the natural logarithm of the products of the activities of each cell component.

Nernst equation

(Film)

3. Identify the Alfred Hitchcock film from a description for ten points apiece.

A. Based on the Leopold and Loeb case, two young men kill a friend, then throw a party while the body is stored in a trunk used as the buffet table.

Rope

B. Ad exec Cary Grant is mistaken for an FBI agent. He's then framed for murder and pursued across the country by the police and international criminals.

North by Northwest

C. Jon Finch is mistakenly accused of being the Necktie Strangler. He escapes from prison in an attempt to find the real killer.

Frenzy

(Economics)

3. Its main purpose is to use its members' subscribed funds to purchased foreign currency so as to stabilize exchange rates and discharge international indebtedness. A close collaborator with the International Bank for Reconstruction and Development, it is ruled by a board of governors from its over 100 member nations. FTP, name this organization created at the Breton Woods Conference.

International Monetary Fund (IMF)

(Current Events: American)

4. He wrote six computer programs and became a consultant to a software company. His self-analysis program, "Mind Mirror," sold more than 30,000 copies. By the 1990s he had taken up the cause of virtual reality, a technological development that the *Wall Street Journal* referred to as "electronic LSD." FTP, name this recently deceased "chemical messiah."

Timothy Leary

(Medicine)

5. He was in Mexico City experimenting with typhus when he contracted the disease and died in 1910, a fitting end for the man who had discovered the causative organism, as well as that for Rocky Mountain Spotted Fever. FTP, identify this American whose name suggests that he lacked Vitamin D, but which actually denotes a disease organism larger than a virus but smaller than a bacterium.

Howard T. Ricketts

(Astronomy)

3. Answer the the following questions about Mars for the stated number of points.

A. For five points, this Italian discovered the "canals" of Mars in 1877.

Giovanni V. Schiaparelli

B. For ten points, this American astronomer discovered Phobos and Deimos, the moons of Mars, in 1877.

Asaph Hall

C. For five points, two probes bearing this name landed on Mars in 1976.

Viking

D. For ten points, this probe flew only 6,000 miles from Mars in 1965. It discovered that Mars has no measureable magnetic field.

Mariner IV

(Physics-Thermodynamics-VISUAL [96-RRH-07])

4. The moderator will hand you a P-V diagram with seven possible paths of an ideal gas marked on it. Identify which path meets each of the following descriptions for ten points apiece. [Do not give answers until the end of the question.]

A. an isothermic expansion

F

B. an isobaric expansion

D

C. an expansion in which the internal energy of the gas remains constant

F

(Literature: Shakespeare)

5. Order the following events from Shakespeare's "Julius Caesar."

1. Julius Caesar is killed (3)

2. The battle of Philippi (6)

3. The meeting at Brutus' home (1)

4. Portia kills herself (5)

5. Portia stabs herself in the leg (2)

6. Octavian returns to Rome (4)

(Mathematics)

6. In 1796, he proposed a cosmogonical theory which said that the planets formed from gas rings ejected from the equator of the collapsing Sun. He also showed, at the end of the eighteenth century, that a sufficiently massive body would prevent the escape of light from its surface. After writing five volumes on celestial mechanics and "the system of the world," he was asked why he neglected to mention God as the author of the universe. FTP, name this mathematician who responded, "Sir, I had no need of that hypothesis."

Pierre Simon de Laplace

(Literature: German, non-prose)

7. 1940's was skipped altogether and 1920's was delayed two years. On account of this, God might feel justified in sending a plague to southern Germany again, just as he did in 1633, and the peasants promised to honor the suffering of Christ every ten years with a performance. FTP, what is this Bavarian town, the site of the most famous passion play?

Oberammergau

(History: Ancient)

8. An initial French archaeological effort was continued by the Germans here; they discovered the *Victory of Paeonius* and the *Hermes of Praxiteles* as well as temples to Zeus and Hera, the Pelopion, and the Phillippeion. This valley lies at the confluence of the Cladeus and Alpheus Rivers, not far from Pírgos, Greece. FTP, what is this site of the Olympic games which shares its name with the capital of Washington?

Olympia Valley

(History: European, political, 1901-1994)

6. The Paris Peace Conference of 1919-1920 resulted in the Covenant of the League of Nations and three major treaties. Given the country give the name of the peace that resulted for the country.

A. Treaty of Saint-Germain

Austria Do not accept: Austria-Hungary

B. Treaty of Triannon

Hungary Do not accept: Austria-Hungary

C. Treaty of Neuilly

Bulgaria

(History: France)

#. Identify these followers of Napoleon Bonaparte for ten points apiece.

A. This marshal led the retreat from Russia and carried a French army over to Napoleon's side after his return from Elba.

Michel Ney

B. This young soldier in Napoleon's army was so prejudiced in favor of his commander that he became eponymous for that type.

Nicholas Chauvin

C. This French partisan of Napoleon who loved Italy based his second major novel on a soldier with similar tastes.

Marie-Henri Beyle (Stendhal)

(Classical Music: Recognition-AUDIO)

8. The moderator will play three excerpts from works by Johann Sebastian Bach.

Identify each for ten points apiece.

A. Tocatta and Fugue in D Minor

B. Brandenburg Concerto No. 1

C. Invention #13 in A Minor

(Literature: English, -1700, poetry)

9. She returned a wreath sent by his lover which he now treasures for its scent, a man so entranced that he sought no wine in his cup if he knew it had been kissed by her. He asked her only to drink to him with her eyes. The man, and poet, with Ben Jonson. FTP, who was the woman so described?

Celia

(History: Germany)

10. Its end was presided over by Prince Max of Baden: the Kiel fleet mutinied, revolution broke out in Munich, and socialists joined the government. On 9 November he announced that the Emperor had abdicated and Friedrich Ebert would become chancellor. FTP, what political entity ended thusly in 1918 to be succeeded by the Weimar Republic?

Second Reich

## HALFTIME

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(Literature-American-1900-1950)

11. Mary is bitter about the pain in childbirth she endured because her husband wanted a cheap doctor. James is bitter than none of his family understands his spendthriftiness to be a result of the Great Depression. Edmund, his son, is bitter that he contracted tuberculosis and his father won't pay for a top sanitarium. FTP, in which drama do these members of the Tyrone family appear, a play by Eugene O'Neill?

Long Day's Journey into Night

Accept: Tyrone before "FTP"

(Sports: Tennis)

9. Gabriela Sabitini retired this week at the age of 26, as the sixth leading career money winner in women's tennis. For 5 points each:

A. What is the only Grand Slam tournament Sabitini ever won?

U.S. Open (1990)

B. What American beat her in straight sets last week in Zurich in her final tournament?

Jennifer Capriati

C. Martina Navratilova leads the all-time money list. For 5 points each, what four women come next?

Steffi Graf, Arantxa Sanchez-Vicario, Chris Evert, Monica Seles

(Miscellaneous)

10. Identify the following people associated with parliamentary procedure for ten points apiece.

A. In 1776 and 1781 this man collected the precedents of the English parliamentary system into a book and published them.

John Hatsell

B. In 1797 this man drew up the *Manual of Parliamentary Practice* still used by Congress today.

Thomas Jefferson

C. In 1876, this man adapted parliamentary procedure to private groups in his famous *Rules of Order*.

Major Henry M. Robert

(History: Middle East)

11. Answer the following questions on the genesis of the Persian Empire for ten points apiece.

A. Of which empire were the Persians a part when they rose up?

Median Empire

B. Which state in Asia Minor, ruled from Sardes, was its first conquest?

Lydia

C. Which Persian ruler was most responsible for the political organization of the empire and the construction of roads linking it, including the 1,500 mile Royal Road from Susa to Sardes?

Darius I

(Computer Science)

12. Use the value of the first element of the array as the splitting value. Start two pointers, one at each end, and move them toward each other until the right one points at an element smaller than the left one. Switch those elements. Repeat until the left and right pointers coincide. Then call the procedure recursively on the subarrays to the left and right of left pointer. When everything returns, you will have used, FTP, what procedure to sort the array?

Quicksort

(Current Events)

13. Despite a \$200,000 salary being offered no one has taken this company's job offer of head of public relations. One reason may be is that a requirement is that applicants must be women. FTP identify this company trying to better its image after of hundreds of complaints made by female workers claiming sexual harrasment at its assembly plant in Normal, Illinois.

Mitsubishi

(History: American, political, 1800-1875)

14. Its inevitable effect was a financial crash 67 days after Martin Van Buren became President. It was intended to prevent the damage being done in rampant, unsecured land speculation by everyone from shoe-shine boys to the Bank of America. It was, FTP, what June 11, 1836 act of President Andrew Jackson that required the government to accept payment only in the form of gold or silver?

the Specie Circular

(History: American, 1946-1994, political)

12. Answer these questions on McCarthyism for the stated number of points.

A. For five points, Joseph McCarthy was a senator from what state?

Wisconsin

B. FTP, this CBS reporter helped lead to McCarthy's fall by showing clips of McCarthy's outrageous attacks, uneditorialized, on his show *See It Now*.

Edward Roscoe Murrow

C. For fifteen points, this man, special council for the Army in the 1954 Army-McCarthy hearings, proclaimed "Have you no decency, sir, at long last? Have you left no sense of decency?"

Joseph N. Welch

(Geography-Europe-Russia [VISUAL 96-RRH-20])

13. The moderator will provide you with a map of Russia. Answer the following questions for ten points apiece.

A. Name the two rivers labeled "A" and "B" in order.

"A": Ob River

"B": Lena River [lyehna]

B. Name the two countries labeled "C" and "D" in order.

"C": Kazakhstan

"D": Turkmenistan

C. Name the two lakes or seas labeled "E" and "F" in order.

"E": Lake Baikal

"F": Lake Balkhash

(Literature: Indian, ancient)

14. Answer the following questions about animals in the *Ramayana* for ten points apiece.

A. Of what kind of animal does Maricha take the form to lure Rama away from Sita?  
gold and silver deer

B. What kind of animal attacks Ravana on his way home to Lanka but is killed in the process?

vulture

C. What kind of animals are Rama's allies Hanuman and Sugriva?

monkeys

(History-American-Civil War)

15. After General Lee learned that his orders had been compromised when a Union soldier found a copy of them around three cigars at a Confederate camp, he dug in at a small creek in Maryland. Despite McClellan's hesitation in allowing Jackson to reinforce Lee after Harper's Ferry, the bloody battle ended in a Union victory on 17 September 1862. FTP, what was this battle which preceded the Emancipation Proclamation?

Antietam (Sharpsburg)

(Classical Music: People)

16. Although this composer's fame is almost totally connected with one particular work, he produced some extremely fine music, including the three-act opera "L'amico Fritz." He was also a highly respected conductor and succeeded Toscanini at La Scala. As official composer of Mussolini's government his reputation hit the skids. FTP, name this composer who shot to prominence on May 17, 1890 with the premiere of his one-act opera "Cavalleria rusticana."

Pietro Mascagni

(Literature: American, prose, 1851-1900)

17. He convinces Muff Potter that it was he in a drunken brawl who killed young Doc Robinson before falling unconscious. Muff believes the man and is soon arrested. However, while giving testimony against Muff, Tom Sawyer steps forward countering his testimony. FTP, name this character who died after Judge Thatcher ordered the cave in which he was hiding sealed.

Injun Joe

(Current Events: American)

15. Are you a Friend of Bill? If so, this question should be a snap. For 5 points each, 30 for all five, identify these FOBs who may be in legal trouble.

A. The former secretary of agriculture who is the target of a special prosecutor.

Michael Espy

B. Clinton's former Whitewater partner who is serving additional jailtime rather than cooperate with prosecutor Kenneth Starr.

Susan McDougal

C. The former banker who cooperated with Kenneth Starr, and whose testimony helped convict the McDougals.

David Hale

D. The former governor of Arkansas, and co-defendant of the McDougal's.

Jim Guy Tucker

E. The Democratic campaign fundraiser who has been subpoenaed by District Judge Roger Lamberth.

John Huang

(History: Central America)

16. The Inca empire expired in 1533. For the stated number of points, identify these people associated with its decline and fall FTP each.

A. Which Spaniard conquered the empire in 1533?

Francisco Pizarro

B. H was Atahualpa's half-brother, whom he defeated for power.

Huascar

C. Name Atahualpa's father, whom he succeeded in 1527.

Huayna Capac

(Sports: Hockey)

17. How much do you know about the National Hockey League's postseason awards? FTP each, name the award given to the following:

A. Most Valuable Player

Hart Trophy

B. Leading scorer

Art Ross Trophy

C. Best goaltender

Vezina Trophy [VEZ-e-na]



(Engineering)

18. A powder of manganese dioxide and carbon is packed around a carbon rod, surrounded by cardboard soaked in a solution of ammonium chloride and zinc chloride. This is enclosed in a zinc can that functions as the anode. Redox reactions generate a potential difference between the carbon rod and the zinc can which can be used to power toys and flashlights. FTP, what have I described?

carbon-zinc dry \_cell\_

Accept: carbon-zinc \_battery\_

Accept: Leclanchi dry \_cell\_

Accept: alkaline dry \_cell\_ before "ammonium"

(History: European, political, -1750)

19. The spider made it on the seventh time and so did he, securing independence and the right to a throne he had taken by force from John de Balliol and by treachery from "Red Comyn," the English candidate. FTP, who is this man who swore allegiance to Edward I, fought against Edward II, and was recognized as King of Scotland by Edward III?

Robert the Bruce (Earl of Carrick)

(Philosophy--Religion--1700 - 1900, concepts)

20. It advocated the continual worship of God as opposed to only during prayer or religious ritual and stressed the joy of worship and opposed fasting and other forms of self-denial. FTP, what is this mid-18th century religious movement, led by Israel ben Eliezer, better known as Ba'al Shem Tov?

Hasidism

*END OF ROUND*

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(Visual Art: Sculpture, recognition)

18. VISUAL BONUS. The moderator will hand you three reproductions of famous sculptures. Identify them for ten points apiece.

A. Rodin's The Man with the Broken Nose

B. Bernini's The Ecstasy of Saint Theresa

C. Michelangelo's Moses

(Biology: taxonomy)

19. FTP each, name the mammalian order from a brief list of members.

A. Whales, dolphins, porpoises.

Cetacea

B. Rabbits and hares.

Lagomorpha

C. Bats.

Chiroptera

(Literature: American, poetry, 1901-1950)

20. Identify the poet from lines, 30-20-10.

30: A man and a woman / Are one. / A man and a woman and a blackbird / Are one.

20: I placed a jar in Tennessee, / And round it was, upon a hill.

10: Let be be finale of seem. / The only emperor is the emperor of ice cream.

Wallace Stevens (the poems are "Thirteen Ways of Looking at a Blackbird," "Anecdote of the Jar," and "The Emperor of Ice Cream")

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(History: China)

E1. Following the advice of Max Bauer and Herman Kriebel, Chiang Kai-Shek and General Dai Li handpicked a group of Guomindang officers, mostly graduates of Whampoa Military Academy, and organized them as a neo-fascist group to carry out atrocities on Communist rivals. FTP, what colorful name reminiscent of the Black Shirts and Brown Shirts was given to this group?

Blue Shirts

(Fine Arts: Sculpture)

E2. It is as tall as a ten-story building and stands on a pedestal two stories high. In the 16th century a statue of St. Peter was placed on top. Erected in 113 AD, the column is carved in the likeness of a scroll that twists in a spiral up the column, and contains over 2500 human figures, mostly depicting the triumphant campaign in Dacia. FTP, name this column glorifying the conquests of a Roman emperor.

Trajan's Column

(Geography: Greece)

E3. This place in Phocis was the favorite of Apollo, Pan, Dionysus, and the Muses. The fountain of Castalia and the Oracle of Delphi were located on the slopes of its twin peaks. FTP, what is this sacred mountain of the Greeks?

Parnassus

(Literature: French, non-prose)

E1. 30-20-10, identify the author.

30: Raised in a Jansenist monastery, he probably knew more Greek than any other author of his day. His only comedy was *The Litigants*, an adaptation of Aristophanes' *The Wasps*.

20: Other plays include *Bajazet*, drawn from near contemporary Turkish history and *Mithradate* which concerns an Asiatic tyrant.

10: Two of his most successful plays, *Iphigénie* and *Phèdre*, were adapted from works by Euripides.

Jean-Baptiste Racine

(History: European, political, 1750-1900)

E2. Alliances of three nations have been convenient and popular throughout history. FTP each, name the countries involved in each of the following alliances.

A. Triple Alliance, 1873, to unite European powers against France.

Germany, Austria, Italy

B. Three Emperors' League, invoked twice, once in 1873, and once in 1881, again to unite against France.

Austria, Germany, Russia

C. Triple Entente, the result of three treaties among the member nations, to ensure allies in the event of German attack in Europe. It collapsed in 1917.

Great Britain, France, Russia



## VISUAL BONUS 96-RRH-07





